Yahoo Group Archive: acom-list (1999 — 2009)

Yahoo Group summary: Acom amp reflector

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 1999-07-06 through 2009-12-24

Source WARC: acom-list.wrfJs9L.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-04-23T12-23-47Z-6e2391

Messages included in this PDF: 3449

Message records with no body available in the source archive: 2

Messages omitted as spam from this PDF: 8

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome to the acom-list eGroup

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-06 21:54:43 UTC
From: B Kutner
Topic: 1 Message: 1

This list is provided as a forum for discussion about the Acom amplifier

Group Manager: acom-list-owner@egroups.com
To subscribe, send a message to acom-list-subscribe@egroups.com or go to the e-groups's home page at http://www.egroups.com/group/acom-list/

2. [acom-list] test message

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-06 22:50:48 UTC
From: Barry Kutner
Topic: 2 Message: 2

```
test
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

------------------------------------------------------------------------

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications
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3. [acom-list] info

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-07 15:07:50 UTC
From: Barry Kutner
Topic: 3 Message: 3

Hi all - At the moment we have 8 folks signed up to the reflector, 6 stateside, a 4X, and one with a .ee domain (don't know where that is, but am curious).
FYI, I got an e-mail from Jim, K1IR with some info. There is now a discussion area on the Acom Intl Web site (www.hfpower.com).
Also, Jim informs me he is in the process of setting up an Acom reflector on contesting.com. Personally, I think it's silly to have more than 1 reflector for this topic, so once his reflector is up and running, I'll close this one down (letting every know first).
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

4. [acom-list] Re: Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-07 23:20:28 UTC
From: Barry Kutner
Topic: 4 Message: 4

Hi Dave - I am posting your question, and my reply to the list...
Yes, I have one of the amps. I think it's great!
For several years I considered the 87A, but was always wary hearing
report after report of it tripping out with the smallest of mismatches.
This past ARRL CW contest, I was at N3RS, and they had an 87A on the
20m station. Just after the amp was a big tuner. I asked why, and was
told "to keep the Alpha happy." That wasn't what I wanted to hear.

The Acom will tolerate much larger mismatches (3:1 at full power, and
higher at reduced power). The amp looks very much like an ALpha on the
inside. Very high quality components, no skimping in the power supply ,
like some other amps. It measures just about any parameter
imagineable, even the airflow temperature from each tube compartment.
The auto-tune is great, and I understand Alpha now offers it as an 87A
upgrade too. I don't know what the 87A's are selling for now, but
believe it's considerably more than the Acom.

Would I do it again? Definitely!
73 Barry

On 7 Jul 99, David Siddall <drsiddall@...> wrote:

> Barry -
>
> Just joined the Acom list and thought I would let you know that I am K3ZJ, hi !
>
> I gather you have purchased one of these. I have just read info on their site. What has
been your experience, problems, etc. ? Do you think this is better than, inferior to, same
as, or different>
> 73, Dave K3ZJ
>
>
>
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

5. [acom-list] Re: Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-08 02:56:40 UTC
From: Turkisher Dan-CSLC82
Topic: 4 Message: 5

To join the fray, I too have recently acquired an Acom and it is a joy to use! I don't have experience with the Alpha 87A, but did previously use an Alpha 78 (no comparison). The Acom has alll kinds of built in intelligence, and operating it is truly a no-brainer. While I will usually use a tuner as a matter of course, the ACOM will attempt to match as best it can, including recducing power, and if things are intolerable, it'll drop out in milliseconds and report the error condition. Fine amp, I couldn't be more pleased.

73
Dan
K0DAN

> -----Original Message-----
> From: Barry Kutner [mailto:w2up@...]
> Sent: Wednesday, July 07, 1999 6:20 PM
> To: David Siddall
> Cc: acom-list@egroups.com
> Subject: [acom-list] Re: Acom
>
>
> Hi Dave - I am posting your question, and my reply to the list...
> Yes, I have one of the amps. I think it's great!
> For several years I considered the 87A, but was always wary hearing
> report after report of it tripping out with the smallest of
> mismatches.
> This past ARRL CW contest, I was at N3RS, and they had an 87A on the
> 20m station. Just after the amp was a big tuner. I asked why, and was
> told "to keep the Alpha happy." That wasn't what I wanted to hear.
>
> The Acom will tolerate much larger mismatches (3:1 at full power, and
> higher at reduced power). The amp looks very much like an
> ALpha on the
> inside. Very high quality components, no skimping in the
> power supply ,
> like some other amps. It measures just about any parameter
> imagineable, even the airflow temperature from each tube compartment.
> The auto-tune is great, and I understand Alpha now offers it
> as an 87A
> upgrade too. I don't know what the 87A's are selling for now, but
> believe it's considerably more than the Acom.
>
> Would I do it again? Definitely!
> 73 Barry
>

> On 7 Jul 99, David Siddall <drsiddall@...> wrote:
>
> > Barry -
> >
> > Just joined the Acom list and thought I would let you know
> that I am K3ZJ, hi !
> >
> > I gather you have purchased one of these. I have just read
> info on their site. What has been your experience, problems,
> etc. ? Do you think this is better than, inferior to, same
> as, or different>
> > 73, Dave K3ZJ
> >
> >
> >
> --
> Barry Kutner, W2UP Internet:
> w2up@...
> Newtown, PA Frankford Radio Club
>
>
>
> --
> ----------
> Don't let the next virus knock you out! Special Offer to
> eGroups members
> Install @Backup by June 30th and win a $100 Gift Certificate
> from Amazon
> .com and @Backup free for a year!
http://clickhere.egroups.com/click/363

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eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

6. [acom-list] Re: Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-08 13:47:32 UTC
From: w2up@mindspring.com
Topic: 4 Message: 6

Hi Dan - Could have sworn I hit the send button, but my reply to you never made the list... Anyway, here goes again:

You mention the Acom will reduce power automatically in event of mismatch. How do you set it to do this?
73 Barry W2UP

<b79009c85505d211b11100805fa784c80260c51-@...>
wrote:
original article:http://www.egroups.com/group/acom-list/?start=5
> To join the fray, I too have recently acquired an Acom and it is a joy to
> use! I don't have experience with the Alpha 87A, but did previously use an
> Alpha 78 (no comparison). The Acom has alll kinds of built in intelligence,
> and operating it is truly a no-brainer. While I will usually use a tuner as
> a matter of course, the ACOM will attempt to match as best it can, including
> recducing power, and if things are intolerable, it'll drop out in
> milliseconds and report the error condition. Fine amp, I couldn't be more
> pleased.
>
> 73
> Dan
> K0DAN
>

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

7. [acom-list] Acom RTTY diagnostics

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-09 14:10:11 UTC
From: Barry Kutner
Topic: 7 Message: 7

Hi all - Being a RTTY op, I tried copying the RTTY diagnostics
produced by the RCU, but I am unable to get print. According to the
manual, it is supposed to be plain old 45 baud Baudot with standard
shift. I did note the tones are inverted from standrad RTTY, but still
doesn't print. Has anyone else tried to copy this stuff?
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

8. [acom-list] RTTY diagnostics

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 16:59:05 UTC
From: Barry Kutner
Topic: 8 Message: 8

I am reposting this for two reasons. First, I didn't get any replies the first time. Second, there are now many more list subscribers (30 now), so maybe someone has an answer...

Being a RTTY op, I tried copying the RTTY diagnostics produced by the RCU, but I am unable to get print. According to the manual, it is supposed to be plain old 45 baud Baudot with standard shift. I did note the tones are inverted from standrad RTTY, but still doesn't print. Has anyone else tried to copy this stuff?

73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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9. [acom-list] Re: RTTY diagnostics

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 17:42:31 UTC
From: Joe L Blackwell
Topic: 8 Message: 9

On Tue, 13 Jul 1999 12:59:05 -0400 "Barry Kutner" <w2up@...>
writes:
>I am reposting this for two reasons. First, I didn't get any replies
>the first time. Second, there are now many more list subscribers
>(30 now), so maybe someone has an answer...
>
>
Hi Barry,
Sorry, I would have responded to your first request for information,
but had none to give you. Nice to hear your problems with RTTY,
but just no help here. This response is to just let you know that there
are listeners out here.

Vy 73, de Joe AA4NN
Eastern Top Band ARC, Carolina DX Assn, Carolina CW Ops,
Fairfield County Contesters, Ten-Tec only, CW only.
eeetet ee

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eGroups.com home: http://www.egroups.com/group/acom-list
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10. [acom-list] Acom Reports

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 19:01:19 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 10 Message: 10

Hi gang,

Thanks to W2UP (or whoever it was if not Barry) for setting up this group.

I have been eyeing the Alpha 87A for a long time. I was all ready to go out and buy one, but I figured I'd wait until Dayton to see if they announced anything new for this now-12-year-old design. The Acom 2000A amp made me re-think my decision about the 87A. This unit looked great! Suddenly, I wasn't so sure about the 87A.

While I REALLY like what I see on the surface with the Acom amp, I'm still a bit apprehensive about being one of the "first on the block" to own one. Barry has given me some good reassurances about it, so I feel a lot better, but I was wondering what the others on this list thought.

Obviously, by virtue of your subscription to this reflector, you are already interested in this amp. Has anyone actually ordered/received/used one? What are your impressions of the amp and of the company? I'm very close to placing an order. I just need some reports from others first.

VY 73 de
Glenn O'Donnell, K3PP
(one of the few small pistols in FRC, soon to be a big gun!)

---

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11. [acom-list] Re: Acom Reports

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 19:17:20 UTC
From: Richard Thorne
Topic: 10 Message: 11

Glenn:

I took the plunge this week. My 2000a is shipping today.

I ordered the amp mainly because its auto tune. I have a kachina 505dsp which I use via remote control (phone line). The Acom and Alpha 87a were my two choices for a high power remote controlled amp. From what I've heard from a couple of hams and a recent write up from ON4UN, I feel pretty comfortable.

When I receive it and have used it for a few weeks I'll make a post with my thoughts.

You can take a look at my remote station at the url listed below my signature.

O Donnell, Glenn D (Glenn) wrote:

> Hi gang,
>
> Thanks to W2UP (or whoever it was if not Barry) for setting up this group.
>
> I have been eyeing the Alpha 87A for a long time. I was all ready to go out
> and buy one, but I figured I'd wait until Dayton to see if they announced
> anything new for this now-12-year-old design. The Acom 2000A amp
> made me re-think my decision about the 87A. This unit looked great!
> Suddenly, I wasn't so sure about the 87A.
>
> While I REALLY like what I see on the surface with the Acom amp, I'm
> still a bit apprehensive about being one of the "first on the block" to own
> one. Barry has given me some good reassurances about it, so I feel a
> lot better, but I was wondering what the others on this list thought.
>
> Obviously, by virtue of your subscription to this reflector, you are already
> interested in this amp. Has anyone actually ordered/received/used one?
> What are your impressions of the amp and of the company? I'm very close
> to placing an order. I just need some reports from others first.
>
> VY 73 de
> Glenn O'Donnell, K3PP
> (one of the few small pistols in FRC, soon to be a big gun!)
>
> ---
> GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> Save on vitamins & supplements. Use coupon code: EGROUPS99
> at checkout. http://clickhere.egroups.com/click/463
>
> eGroups.com home: http://www.egroups.com/group/acom-list

> http://www.egroups.com - Simplifying group communications

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

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eGroups.com home: http://www.egroups.com/group/acom-list
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12. [acom-list] Re: Acom Reports

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 20:18:01 UTC
From: Turkisher Dan-CSLC82
Topic: 10 Message: 12

Glenn:

I was in the same boat...saw the Alpha as the best available (altho I couldn't afford it), then learned of the ACOM, and to make a long story short, I bought one. It was beyond my budget, but substantially less than the Alpha, and with better features.

While I can't give you a feature-for-feature comparison without having the literature in front of me, the Acom is more feature rich, the remote control is really handy, the autotune is fast and accurate. It has fully lived up to its advertising claims. Its innards are very clean and well built....almost identical to the Alpha in fact. Operating it couldn't be easier. Hit the PTT or key, and you're up and operating.

I too was concerned about being one of the first kids on the block, but now that there is a U.S. service presence, that potential should be minimal. I have not required service of any kind. For what it's worth, ACOM has sold a these radios in Europe and Japan, so there is some level of existing customer base.

I believe that once these become readily available in the U.S., Acom will become the new benchmark for state of the art amplifiers.

Good luck, let us know what you do!

73
Dan
K0DAN
> -----Original Message-----
> From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
> Sent: Tuesday, July 13, 1999 2:01 PM
> To: 'acom-list@egroups.com'
> Subject: [acom-list] Acom Reports
>
>
> Hi gang,
>
> Thanks to W2UP (or whoever it was if not Barry) for setting
> up this group.
>
> I have been eyeing the Alpha 87A for a long time. I was all
> ready to go out
> and buy one, but I figured I'd wait until Dayton to see if
> they announced
> anything new for this now-12-year-old design. The Acom 2000A amp
> made me re-think my decision about the 87A. This unit looked great!

> Suddenly, I wasn't so sure about the 87A.
>
> While I REALLY like what I see on the surface with the Acom amp, I'm
> still a bit apprehensive about being one of the "first on the
> block" to own
> one. Barry has given me some good reassurances about it, so I feel a
> lot better, but I was wondering what the others on this list thought.
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> Obviously, by virtue of your subscription to this reflector,
> you are already
> interested in this amp. Has anyone actually
> ordered/received/used one?
> What are your impressions of the amp and of the company? I'm
> very close
> to placing an order. I just need some reports from others first.
>
> VY 73 de
> Glenn O'Donnell, K3PP
> (one of the few small pistols in FRC, soon to be a big gun!)
>
> ----------
> ----------
> GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> Save on vitamins & supplements. Use coupon code: EGROUPS99
> at checkout. http://clickhere.egroups.com/click/463
>
>
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>
>
>

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http://www.egroups.com - Simplifying group communications

13. [acom-list] A Couple Of Acom Questions.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 20:24:08 UTC
From: Larry Crim
Topic: 13 Message: 13

1) Could someone tell me of the protection circuits in the amp? Didn't see much technical info on the web site and no one answered their phone at 978-440-7555. Left 2 messages...still no reply.

2) Any shipping delays or backorders? Is it shipped from Bulgaria or stateside?

Thanks.

73,
Larry K4AB

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

14. [acom-list] Re: A Couple Of Acom Questions.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 22:36:59 UTC
From: Joe L Blackwell
Topic: 13 Message: 14

On Tue, 13 Jul 1999 21:24:08 +0100 "Larry Crim" <k4ab@...>
writes:
>1) Could someone tell me of the protection circuits in the amp?
>Didn't see much technical info on the web site and no one answered their
phone
>at 978-440-7555. Left 2 messages...still no reply.

Hi Larry, de Joe AA4NN
On the Acom web site (hfpower.com) you can look at a PDF user manual
where they explain in detail all the protection circuits. You'll be
amazed.
If you click on the Acom 2000A amp detail, under there is the user
manual.

>2) Any shipping delays or backorders? Is it shipped from Bulgaria or
>stateside?
Stateside distributor appears to be in Sudbury, MA.

Vy 73, de Joe AA4NN
Eastern Top Band ARC, Carolina DX Assn, Carolina CW Ops,
Fairfield County Contesters, Ten-Tec only, CW only.
eeetet ee

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eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

15. [acom-list] POLL: Do you own an Acom 2000A?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 23:41:24 UTC
From: w2up@mindspring.com
Topic: 15 Message: 15

With some of the recent questions about the Acom 2000A, I thought it would be interesting to find out who on the list owns the amp, or is considering one. Please choose one of the following choices:
(This is my first use of the 'polls' feature of this list server, so hopefully I did it right, hi)
73 Barry W2UP

Please select one of the following:

o Yes, I own one
o I ordered one, but haven't received it yet
o Subscribed cuz I'm thinking about ordering one
o Have no interest in the amp, just like getting e-mail
o Other

by going to the following Web form:

http://www.egroups.com/vote?id=931909283281

Thank you!

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

16. [acom-list] Re: A Couple Of Acom Questions.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-13 23:49:48 UTC
From: Mark Levine, D.C.
Topic: 13 Message: 16

Sounds like a real nice amp. Any plans for a "3 holer"?

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eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

17. [acom-list] Re: POLL: Do you own an Acom 2000A?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 01:28:01 UTC
From: Henry Ingwersen
Topic: 15 Message: 17

I spent three hours seeing the ACOM2000A in action last night. It is an absolutely fantastic machine! Nothing even comes close. I'm ordering mine tomorrow. (And have local management approval....)
Henry, KE1AC
-----Original Message-----
From: w2up@... <w2up@...>
To: acom-list@egroups.com <acom-list@egroups.com>
Date: Tuesday, 13 July, 1999 7:44 PM
Subject: [acom-list] POLL: Do you own an Acom 2000A?

>With some of the recent questions about the Acom 2000A, I thought it would be interesting to find out who on the list owns the amp, or is considering one. Please choose one of the following choices:
>(This is my first use of the 'polls' feature of this list server, so hopefully I did it right, hi)
>73 Barry W2UP
>
>----
>
>Please select one of the following:
>
> o Yes, I own one
> o I ordered one, but haven't received it yet
> o Subscribed cuz I'm thinking about ordering one
> o Have no interest in the amp, just like getting e-mail
> o Other
>
>
>by going to the following Web form:
>
> http://www.egroups.com/vote?id=931909283281
>
>Thank you!
>
>
>--
>Just Tell Us What You Want...
>Respond.com - Shopping the World for You!
>http://clickhere.egroups.com/click/390
>
>
>eGroups.com home: http://www.egroups.com/group/acom-list
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>

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eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

18. [acom-list] Re: Acom Reports

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 01:32:59 UTC
From: Henry Ingwersen
Topic: 10 Message: 18

Having experienced being first on the block with an ICOM706 original, now
pretty much worthless, I can tell you that this amp has been around in
Europe for well over a year. Take a look at ON4UN's endorsement. John does
not lend his name to something that he has not tried out thoroughly.
Henry, KE1AC
-----Original Message-----
From: O Donnell, Glenn D (Glenn) <gdo@...>
To: 'acom-list@egroups.com' <acom-list@egroups.com>
Date: Tuesday, 13 July, 1999 3:04 PM
Subject: [acom-list] Acom Reports

>Hi gang,
>
>Thanks to W2UP (or whoever it was if not Barry) for setting up this group.
>
>I have been eyeing the Alpha 87A for a long time. I was all ready to go
out
>and buy one, but I figured I'd wait until Dayton to see if they announced
>anything new for this now-12-year-old design. The Acom 2000A amp
>made me re-think my decision about the 87A. This unit looked great!
>Suddenly, I wasn't so sure about the 87A.
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>While I REALLY like what I see on the surface with the Acom amp, I'm
>still a bit apprehensive about being one of the "first on the block" to own
>one. Barry has given me some good reassurances about it, so I feel a
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>What are your impressions of the amp and of the company? I'm very close
>to placing an order. I just need some reports from others first.
>
>VY 73 de
>Glenn O'Donnell, K3PP
>(one of the few small pistols in FRC, soon to be a big gun!)
>
>--
>GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
>Save on vitamins & supplements. Use coupon code: EGROUPS99
>at checkout. http://clickhere.egroups.com/click/463
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>eGroups.com home: http://www.egroups.com/group/acom-list
>http://www.egroups.com - Simplifying group communications

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>

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http://www.egroups.com - Simplifying group communications

19. [acom-list] Re: Acom Reports

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 01:37:03 UTC
From: Henry Ingwersen
Topic: 10 Message: 19

Richard: I too have a Kachina 505DSP, and it is my understanding that ACOM and Kachina are working together on software integration. As has been the case with Kachina, I expect software enhancements will become available for the 2000A over time. I can't wait to hook up the 505 to the 2000A!
Henry, KE1AC
-----Original Message-----
From: Richard Thorne <rthorne@...>
To: acom-list@egroups.com <acom-list@egroups.com>
Date: Tuesday, 13 July, 1999 3:19 PM
Subject: [acom-list] Re: Acom Reports

>Glenn:
>
>I took the plunge this week. My 2000a is shipping today.
>
>I ordered the amp mainly because its auto tune. I have a kachina 505dsp which I
>use via remote control (phone line). The Acom and Alpha 87a were my two choices
>for a high power remote controlled amp. From what I've heard from a couple of
>hams and a recent write up from ON4UN, I feel pretty comfortable.
>
>When I receive it and have used it for a few weeks I'll make a post with my
>thoughts.
>
>You can take a look at my remote station at the url listed below my signature.
>
>O Donnell, Glenn D (Glenn) wrote:
>
>> Hi gang,
>>
>> Thanks to W2UP (or whoever it was if not Barry) for setting up this group.
>>
>> I have been eyeing the Alpha 87A for a long time. I was all ready to go out
>> and buy one, but I figured I'd wait until Dayton to see if they announced
>> anything new for this now-12-year-old design. The Acom 2000A amp
>> made me re-think my decision about the 87A. This unit looked great!
>> Suddenly, I wasn't so sure about the 87A.
>>
>> While I REALLY like what I see on the surface with the Acom amp, I'm
>> still a bit apprehensive about being one of the "first on the block" to

own
>> one. Barry has given me some good reassurances about it, so I feel a
>> lot better, but I was wondering what the others on this list thought.
>>
>> Obviously, by virtue of your subscription to this reflector, you are
already
>> interested in this amp. Has anyone actually ordered/received/used one?
>> What are your impressions of the amp and of the company? I'm very close
>> to placing an order. I just need some reports from others first.
>>
>> VY 73 de
>> Glenn O'Donnell, K3PP
>> (one of the few small pistols in FRC, soon to be a big gun!)
>>
>> --
>> GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
>> Save on vitamins & supplements. Use coupon code: EGROUPS99
>> at checkout. http://clickhere.egroups.com/click/463
>>
>> eGroups.com home: http://www.egroups.com/group/acom-list
>> http://www.egroups.com - Simplifying group communications
>
>
>
>--
>73,
>
>Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
>Amarillo, TX
>http://www.tcac.net/~rthorne/
>
>
>
>--
>Just Tell Us What You Want...
>Respond.com - Shopping the World for You!
>http://clickhere.egroups.com/click/390
>
>
>eGroups.com home: http://www.egroups.com/group/acom-list
>http://www.egroups.com - Simplifying group communications
>
>
>

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

20. [acom-list] Re: A Couple Of Acom Questions.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 01:45:25 UTC
From: Henry Ingwersen
Topic: 13 Message: 20

A lot of technical details are available on the web. From my demo experience of the 2000A last night, I learned that every conceivable parameter is monitored and protection exist at every level. That holds for both tubes individually (currents, voltages, temperatures, air flow, etc.)
The 2000A is stocked in Sudbury, MA. I doubt that there would be shipping delays at this time, although heavy future demand may well cause back up at the factory.

Henry, KE1AC

-----Original Message-----
From: Larry Crim <k4ab@...>
To: acom-list@egroups.com <acom-list@egroups.com>
Date: Tuesday, 13 July, 1999 5:29 PM
Subject: [acom-list] A Couple Of Acom Questions.

>1) Could someone tell me of the protection circuits in the amp? Didn't see
>much technical info on the web site and no one answered their phone at
>978-440-7555. Left 2 messages...still no reply.
>
>2) Any shipping delays or backorders? Is it shipped from Bulgaria or
>stateside?
>
>Thanks.
>
>73,
>Larry K4AB
>
>
>
>
>--
>GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
>Save on vitamins & supplements. Use coupon code: EGROUPS99
>at checkout. http://clickhere.egroups.com/click/463
>
>
>eGroups.com home: http://www.egroups.com/group/acom-list
>http://www.egroups.com - Simplifying group communications
>
>
>

----

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

21. [acom-list] ACOM available for assistance

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 16:35:06 UTC
From: Jim Idelson
Topic: 21 Message: 21

Hi everybody,

Just wanted to let you know that I've subscribed to this list to help
answer questions about ACOM and our products.

Jim Idelson K1IR
ACOM International
http://www.hfpower.com

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

22. [acom-list] Impressed

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 18:33:45 UTC
From: howk2@hotmail.com
Topic: 22 Message: 22

Received my Acom 2000A yesterday. I can only second the many plaudits that the Acom 2000A has received here and elsewhere. It really has to been seen to be appreciated. It is surprising that althogh quite complex in features the operation is as easy as it gets. 1 hour or less of playing around will make you feel quite comfortable with it.

One caution, it comes set up for 240 VAC with various other possibilities. For some reason 240 VAC is the correct setting in the states and not 220 VAC. I had to reinstall the transformer after buttoning it up when I received an error message (YUK)!

Howard, K2HK

---

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23. [acom-list] Re: ACOM available for assistance

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 18:44:42 UTC
From: Richard Thorne
Topic: 21 Message: 23

Jim:

Glad you joined. I just ordered the 2000a which shipped yesterday.

Tell us a bit about the DOS control software. I'm using a Kachina 505dsp via remote control and would like to know if the software will allow me to monitor the amp since the RCU unit will be not be in front of me.

Whats the cost of the DOS software?

Thanks in advance.

Jim Idelson wrote:

> Hi everybody,
>
> Just wanted to let you know that I've subscribed to this list to help
> answer questions about ACOM and our products.
>
> Jim Idelson K1IR
> ACOM International
> http://www.hfpower.com
>
> ---
> MyPoints-Free Rewards When You're Online.
> Start with up to 150 Points for joining!
> http://clickhere.egroups.com/click/475
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

---

eGroups.com home: http://www.egroups.com/group/acom-list
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24. [acom-list] Re: Impressed

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 19:21:58 UTC
From: Barry Kutner
Topic: 22 Message: 24

Isn't it nice you get an error message like that? Personally my line
voltage is always on the high side (usually 125/250 or so),
so I left it at 240. In addition, there is a menu setting for line
voltage which I set to HIGH. I'm not exactly sure what that
accomplishes. Jim or Jaakko, any info on the voltage setting on the
menu?
73 Barry

On 14 Jul 99,
howk2@... <acom-list@egroups.com> wrote:

> Received my Acom 2000A yesterday. I can only second the many plaudits
> that the Acom 2000A has received here and elsewhere. It really has to
> been seen to be appreciated. It is surprising that althogh quite
> complex in features the operation is as easy as it gets. 1 hour or less
> of playing around will make you feel quite comfortable with it.
>
> One caution, it comes set up for 240 VAC with various other
> possibilities. For some reason 240 VAC is the correct setting in the
> states and not 220 VAC. I had to reinstall the transformer after
> buttoning it up when I received an error message (YUK)!
>
> Howard, K2HK
>
>
> ---
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> at checkout. http://clickhere.egroups.com/click/463
>
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications
>
>
>
>
>
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

25. [acom-list] Re: Impressed

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-14 20:22:33 UTC
From: William F. Beyer Jr.
Topic: 22 Message: 25

Hello:

How many units (Acom 2000A)
have been sold in the US now?
Looking into amp now.

73 & see you in the pileups!
William/N2WB/KG4WB

(ex WD4GDZ - also KG4WB, N2WB/KH9, N2WB/KP2 & WA2JXK)

"REMEMBER, DX DON'T SLEEP."

Planned Dxpeditions:
* Clipperton Island - FO0CI - 2000
* St. Lucia - J68WB - October 1999 (Contest call: J68J)
http://www.geocities.com/CapeCanaveral/Hall/1204/photo.html
==========

William F. Beyer Jr. N2WB
1560 Poplar Drive, Ormond Beach, FL 32174-3414 U.S.A.
Phone: 1.904.673.7557
E-mail: n2wb@...
NOBARS-North Ormond Beach Amateur Radio Society
CFDXA-Central Florida DX Association
FDXPG-Florida Dxpedition Group
These days, having a good time is the job!
==========

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26. [acom-list] 4th amp in Florida

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 00:58:11 UTC
From: K3BF@aol.com
Topic: 26 Message: 26

Hi guys:

Decided to take the plunge and sent off my $5K today. Krassy (K1LZ) said it's the 4th one he'll have sold in Florida. Already own the Alpha 87A. Gonna be interesting comparing the two amps.

73,
Bruce K3BF
Pensacola

---

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27. [acom-list] Poll results

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 15:12:18 UTC
From: Barry Kutner
Topic: 27 Message: 27

There was an underwhelming response to the poll posted a few days ago.
There were 3 replies:
2 are Acom owners
1 is thinking about buying the amp

73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

---

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28. [acom-list] Re: Poll results

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 15:22:28 UTC
From: Richard Thorne
Topic: 27 Message: 28

Hi Barry:

Put me down for "ordered one" I took the pole but I guess it was operator error on my part.

Barry Kutner wrote:

> There was an underwhelming response to the poll posted a few days ago.
> There were 3 replies:
> 2 are Acom owners
> 1 is thinking about buying the amp
>
> 73 Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
>
>
> --
> Don't let the next virus knock you out! Special Offer to eGroups members
> Install @Backup by June 30th and win a $100 Gift Certificate from Amazon
> .com and @Backup free for a year! http://clickhere.egroups.com/click/363
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

----

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29. [acom-list] Re: POLL: Do you own an Acom 2000A?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 18:22:33 UTC
From: LY2BTA
Topic: 15 Message: 29

Yes I own one and will own second and 3rd when will have some money, because this is very cool amplifier!

73! ANDY LY2BTA

At 23:41 1999.07.13 -0000, you wrote:

>
> o Yes, I own one
> o I ordered one, but haven't received it yet
> o Subscribed cuz I'm thinking about ordering one
> o Have no interest in the amp, just like getting e-mail
> o Other
>
>
>

---

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30. [acom-list] A few answers

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 19:08:27 UTC
From: Jim Idelson
Topic: 30 Message: 30

ACOM Enthusiasts,

I reviewed the questions and comments that have been posted so far. It's good to hear that everyone is having fun with their new amplifiers.

A couple of questions have been raised that I can answer now - other questions are being referred to the engineering group for good, solid technical answers.

1. Is ACOM planning a 3-tube version of the ACOM 2000A?
We are definitely planning a number of new products. However, it is premature to be talking about any of the specifics. Our job right now is to ensure that the ACOM 2000A and its accessories are sold and serviced properly throughout the world.

2. How many ACOM 2000A amplifiers have been sold so far in the US?
I would love to be able to share this information with you, but since unit volumes equate directly to company revenue figures, I can't release these numbers. I can tell you that we began shipping units with FCC Certification to US customers only two weeks ago, and that units are still available with the incentive discount that we are offering for the first 50 units shipped. You should be able to get a good idea of unit volume from this publicly available information.

73,

Jim Idelson K1IR
ACOM International

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

31. [acom-list] Re: POLL: Do you own an Acom 2000A?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 20:02:17 UTC
From: ted demopoulos
Topic: 15 Message: 31

I think I said maybe in the poll.

make that a big YES,

73

Ted, KR1G

>From: LY2BTA <andriusi@...>
>Reply-To: acom-list@egroups.com
>To: acom-list@egroups.com
>Subject: [acom-list] Re: POLL: Do you own an Acom 2000A?
>Date: Thu, 15 Jul 1999 20:22:33 +0200 (MET DST)
>
>Yes I own one and will own second and 3rd when will have some money,
>because
>this is very cool amplifier!
>
>73! ANDY LY2BTA
>
>
>
>
>
>
>
>At 23:41 1999.07.13 -0000, you wrote:
>
> >
> > o Yes, I own one
> > o I ordered one, but haven't received it yet
> > o Subscribed cuz I'm thinking about ordering one
> > o Have no interest in the amp, just like getting e-mail
> > o Other
> >
> >
> >
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>
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32. [acom-list] Re: A few answers

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 20:09:36 UTC
From: William F. Beyer Jr.
Topic: 30 Message: 32

Jim Idelson wrote:

> ACOM Enthusiasts,
>
> I reviewed the questions and comments that have been posted so far. It's good to hear that everyone is having fun with their new amplifiers.
>
> A couple of questions have been raised that I can answer now - other questions are being referred to the engineering group for good, solid technical answers.
>
> 1. Is ACOM planning a 3-tube version of the ACOM 2000A?
> We are definitely planning a number of new products. However, it is premature to be talking about any of the specifics. Our job right now is to ensure that the ACOM 2000A and its accessories are sold and serviced properly throughout the world.
>
> 2. How many ACOM 2000A amplifiers have been sold so far in the US?
> I would love to be able to share this information with you, but since unit volumes equate directly to company revenue figures, I can't release these numbers. I can tell you that we began shipping units with FCC Certification to US customers only two weeks ago, and that units are still available with the incentive discount that we are offering for the first 50 units shipped. You should be able to get a good idea of unit volume from this publicly available information.
>
> 73,
>
> Jim Idelson K1IR
> ACOM International
>
> ---
> GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> Save on vitamins & supplements. Use coupon code: EGROUPS99
> at checkout. http://clickhere.egroups.com/click/463
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

Thanks Jim.....
--

73 & see you in the pileups!
William/N2WB/KG4WB

(ex WD4GDZ - also KG4WB, N2WB/KH9, N2WB/KP2 & WA2JXK)

"REMEMBER, DX DON'T SLEEP."

Planned Dxpeditions:
* Clipperton Island - FO0CI - 2000
* St. Lucia - J68WB - October 1999 (Contest call: J68J)
http://www.geocities.com/CapeCanaveral/Hall/1204/photo.html
==========
William F. Beyer Jr. N2WB
1560 Poplar Drive, Ormond Beach, FL 32174-3414 U.S.A.
Phone: 1.904.673.7557
E-mail: n2wb@...
NOBARS-North Ormond Beach Amateur Radio Society
CFDXA-Central Florida DX Association
FDXPG-Florida Dxpedition Group
These days, having a good time is the job!
==========

---

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33. [acom-list] auto-tune?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-15 22:49:08 UTC
From: Barry Kutner
Topic: 33 Message: 33

I read ON4UN's review of the Acom 2000A on the hfpower.com
Web site. In it, John says,"... the ACOM is a true autotune
amplifier, while the Alpha 87A is in reality a memory-tune
amplifier... By pressing a simple button on the remote control panel
it fully automatically tunes itself completely within about 0.5
seconds. The auto-tune function is not limited to recalling preset
values, it actually tunes for a conjugate match for whatever load
within the must be..."

As I understand it, each of the band segment presets is
memorized following auto-tune, which is activated via the menu.
But, once in operating mode, the Acom also uses presets after
auto-detecting the frequency.

Is there a mode of operation where the amp auto-tunes each time
you go to a new frequency? Am I missing something?

73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

---

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34. [acom-list] Re: auto-tune?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-16 01:04:19 UTC
From: Howard Klein
Topic: 33 Message: 34

Barry,

As I understand it you can use either 1- a default setting; 2- a user setting that you have stored in memory; 3- you can auto-tune again to set optimal conditions at that precise time. If nothing much has changed it should be equal to or very similiar to the 2nd choice in which case it would be redundant.

Howard, K2HK

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35. [acom-list] Re: auto-tune?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-16 01:18:00 UTC
From: Alison_Neri
Topic: 33 Message: 35

You got it right, Barry. But the 87A doesn't have the auto-tune function. To set the presets, you have to tune manually and store them in memory.

Jim

Barry Kutner wrote:

> I read ON4UN's review of the Acom 2000A on the hfpower.com
> Web site. In it, John says,"... the ACOM is a true autotune
> amplifier, while the Alpha 87A is in reality a memory-tune
> amplifier... By pressing a simple button on the remote control panel
> it fully automatically tunes itself completely within about 0.5
> seconds. The auto-tune function is not limited to recalling preset
> values, it actually tunes for a conjugate match for whatever load
> within the must be..."
>
> As I understand it, each of the band segment presets is
> memorized following auto-tune, which is activated via the menu.
> But, once in operating mode, the Acom also uses presets after
> auto-detecting the frequency.
>
> Is there a mode of operation where the amp auto-tunes each time
> you go to a new frequency? Am I missing something?
>
> 73 Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
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36. [acom-list] Re: auto-tune?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-16 07:46:22 UTC
From: John Devoldere (ON4UN)
Topic: 33 Message: 36

Barry:

I think it would be akward to see the amp tune itself everytime you change the frequence a bit. Assume you're in a contest, and you move a few hundred Hz or even kHz, you want to call a station, start shouting, and the amp first tunes itself (0.5 or 1 sec), and you are too late for calling, hi.. The ACOM automatically tunes itself each time you instruct it to do so. Across all bands there are some 49 band sections, and for each of them you can memorize up to 10 "impedance settings", which are perfect tune schemes for (slightly) different load impedances. When you change to a different band section, the amp will automatically select the new correct settings for that section and for the particular antenna you are using. If you use the ACOM antenna selector (10 positions) you can link all of that together so that so always have the right antenna and the right settings of the linear for that particular antenna and band section.

Hope that makes it clear.

73

John, ON4UN

----- Original Message -----
From: Alison_Neri <Alison_Neri@...>
To: <acom-list@egroups.com>
Sent: Friday, July 16, 1999 01:18
Subject: [acom-list] Re: auto-tune?

> You got it right, Barry. But the 87A doesn't have the auto-tune function.
To
> set the presets, you have to tune manually and store them in memory.
>
> Jim
>
> Barry Kutner wrote:
>
> > I read ON4UN's review of the Acom 2000A on the hfpower.com
> > Web site. In it, John says,"... the ACOM is a true autotune
> > amplifier, while the Alpha 87A is in reality a memory-tune
> > amplifier... By pressing a simple button on the remote control panel
> > it fully automatically tunes itself completely within about 0.5
> > seconds. The auto-tune function is not limited to recalling preset
> > values, it actually tunes for a conjugate match for whatever load
> > within the must be..."
> >
> > As I understand it, each of the band segment presets is

> > memorized following auto-tune, which is activated via the menu.
> > But, once in operating mode, the Acom also uses presets after
> > auto-detecting the frequency.
> >
> > Is there a mode of operation where the amp auto-tunes each time
> > you go to a new frequency? Am I missing something?
> >
> > 73 Barry
> > --
> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA FRC alternate: barry@...
> >
> > ~~~~~~
> > MyPoints-Free Rewards When You're Online.
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http://www.egroups.com - Simplifying group communications
~~~~~~

37. [acom-list] Re: auto-tune?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-16 11:24:01 UTC
From: Barry Kutner
Topic: 33 Message: 37

Thank you John. It is clear now, and has been performing as
expected. It was the description of the auto-tune feature that made
me think I was missing something. 73 Barry

On 16 Jul 99, John Devoldere (ON4UN) wrote:

> Barry:
>
> I think it would be akward to see the amp tune itself everytime you change
> the frequence a bit. Assume you're in a contest, and you move a few hundred
> Hz or even kHz, you want to call a station, start shouting, and the amp
> first tunes itself (0.5 or 1 sec), and you are too late for calling, hi..
> The ACOM automatically tunes itself each time you instruct it to do so.
> Across all bands there are some 49 band sections, and for each of them you
> can memorize up to 10 "impedance settings", which are perfect tune schemes
> for (slightly) different load impedances. When you change to a different
> band section, the amp will automatically select the new correct settings for
> that section and for the particular antenna you are using. If you use the
> ACOM antenna selector (10 positions) you can link all of that together so
> that so always have the right antenna and the right settings of the linear
> for that particular antenna and band section.
>
> Hope that makes it clear.
>
> 73
>
> John, ON4UN
>
>
> ----- Original Message -----
> From: Alison_Neri <Alison_Neri@...>
> To: <acom-list@egroups.com>
> Sent: Friday, July 16, 1999 01:18
> Subject: [acom-list] Re: auto-tune?
>
>
> > You got it right, Barry. But the 87A doesn't have the auto-tune function.
> To
> > set the presets, you have to tune manually and store them in memory.
> >
> > Jim
> >
> > Barry Kutner wrote:
> >
> > > I read ON4UN's review of the Acom 2000A on the hfpower.com

> > > Web site. In it, John says,"... the ACOM is a true autotune
> > > amplifier, while the Alpha 87A is in reality a memory-tune
> > > amplifier... By pressing a simple button on the remote control panel
> > > it fully automatically tunes itself completely within about 0.5
> > > seconds. The auto-tune function is not limited to recalling preset
> > > values, it actually tunes for a conjugate match for whatever load
> > > within the must be..."
> > >
> > > As I understand it, each of the band segment presets is
> > > memorized following auto-tune, which is activated via the menu.
> > > But, once in operating mode, the Acom also uses presets after
> > > auto-detecting the frequency.
> > >
> > > Is there a mode of operation where the amp auto-tunes each time
> > > you go to a new frequency? Am I missing something?
> > >
> > > 73 Barry
> > > --
> > > Barry Kutner, W2UP Internet: w2up@...
> > > Newtown, PA FRC alternate: barry@...
> > >
> > > --
> > > MyPoints-Free Rewards When You're Online.
> > > Start with up to 150 Points for joining!
> > > http://clickhere.egroups.com/click/475
> > >
> > > eGroups.com home: http://www.egroups.com/group/acom-list
> > > http://www.egroups.com - Simplifying group communications
> >
> >
> > --
> > GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> > Save on vitamins & supplements. Use coupon code: EGROUPS99
> > at checkout. http://clickhere.egroups.com/click/463
> >
> >
> > eGroups.com home: http://www.egroups.com/group/acom-list
> > http://www.egroups.com - Simplifying group communications
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> GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> Save on vitamins & supplements. Use coupon code: EGROUPS99
> at checkout. http://clickhere.egroups.com/click/463
>

>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications
>
>
>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

---

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

38. [acom-list] Q & A on ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-17 14:24:22 UTC
From: Jim Idelson
Topic: 38 Message: 38

Here are answers to some of the questions that have been raised on the reflector over the past few days. These answers were provided by our engineering team in Bulgaria:

About RTTY produced by the RCU

Yes, it is the old 45,45 baud Baudot with standard shift and AF frequencies. The reason you thought you don't print is that the information is the binary code as read from the EEPROM memory in the RCU. This is not readable text but only hexadecimal codes that are transcoded from ASCII in BAUDOT. Only the letters in Baudot code are used. In order to get the proper information you should use the transcoding table. After this you also need to have the memory variable allocation and their sense in the EEPROM to interpret. Of course, all this complicated stuff is for service use only. The best way for the user to read the INFO BOX information is to use the RS232 serial port with a PC and ACOM's DOS application. The INFO function of this program generates a directly readable file in simple text format with ".box" extension.

About integration with Kachina

We have begun to take some of the very early steps to collaborate with Kachina regarding software integration. We will provide updates on this effort as we make some progress.

About measurements and protections

The following measurands are calculated on the base of directly measured parameters:

* DC INPUT is calculated from HV and IP, no protections from DC INPUT
* GAIN is calculated from FWD-P and DRIVE, LOW GAIN protection derived
* VSWR is calculated from RFL-P and FWD-P, no protections from VSWR

The items mentioned above - HV, IP, DRIVE, FWD-P, RFL-P - plus the 12 additional measurands listed in S.4-3, p.19 of the Operating Manual, and also 4 supply voltages are directly measured via an analog-to digital converter on the CPU PCB. Multiple protections and tuning criteria are based on this information.

About the DOS control software

Our DOS control software can help you in the AUTO TUNING preparation process for your entire antenna field and also to archive the field description and tuning information. It is not intended to support all functions of the RCU.

About the menu voltage settings

Set the menu selection to HIGH when the mains voltage is typically 5% higher than nominal tap (i.e. higher than 252V with 240V nominal). Set the menu selection to LOW when mains voltage is typically 5% lower than nominal tap (i.e. lower than 228V with 240V nominal). For lower voltages set lower nominal taps (i.e.220V or 200V) and observe same rules for the menu voltage selection. Generally, a voltage of (230-235)V should be considered to be NORMAL with the 240V nominal tap.

The menu selection does not change the real supply voltages. It changes the plate load resistance to which the AUTO TUNE matches antennas. With the HIGH selection you will be specifying a higher plate resistance and vice versa. See also S.5-6a on p.22 of the Operating Manual.

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39. [acom-list] Re: Q & A on ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-17 19:05:36 UTC
From: howk2@hotmail.com
Topic: 38 Message: 39

Jim,

Thank you for lots of very useful info. You cleared several issues for me.

Another situation: When I apply maximum drive (80 watts + or-) and the amp is in autotune there seems to be indication of flatting topping when viewed on a scope. If I manually tune, in this case increase loading, the situation as viewed on the scope appears corrected. Any comments?

Howard, K2hk

---

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40. [acom-list] Re: Q & A on ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-17 20:08:07 UTC
From: Jim Idelson
Topic: 38 Message: 40

Howard,

Are you looking at trapezoidal patterns?

Jim

howk2@... wrote:

> Jim,
>
> Thank you for lots of very useful info. You cleared several issues for
> me.
>
> Another situation: When I apply maximum drive (80 watts + or-) and the
> amp is in autotune there seems to be indication of flatting topping
> when viewed on a scope. If I manually tune, in this case increase
> loading, the situation as viewed on the scope appears corrected. Any
> comments?
>
> Howard, K2hk
>
> --
> MyPoints-Free Rewards When You're Online.
> Start with up to 150 Points for joining!
> http://clickhere.egroups.com/click/475
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

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41. [acom-list] Re: Q & A on ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-17 20:22:10 UTC
From: Howard Klein
Topic: 41 Message: 41

Jim,

Yes, with an SSB signal. Sorry I realized I omitted that after I sent the msg.

Howard

_____
Get Free Email and Do More On The Web. Visit http://www.msn.com

---

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42. [acom-list] 2000A Power Cord

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-18 16:49:42 UTC
From: Richard Thorne
Topic: 42 Message: 42

How long is the power cord on the amp, and what type of plug comes with
it?

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

---

eGroups.com home: http://www.egroups.com/group/acom-list
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43. [acom-list] SV: 2000A Power Cord

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-19 05:38:58 UTC
From: Rune Wande
Topic: 43 Message: 43

Hi!
In my amp, which I have been using since early December 1998,
the power cord is just a bit longer than 2 meters (approx 7 feet).
It is a thick one. Did not come with a plug as there are so many
different internationally. Those units sold in the US may come with
a US plug. I do not know.
The unit works fine and have been using it more than half a year.
73 de Rune SM5COP

-----Ursprungligt meddelande-----
Från: Richard Thorne <rthorne@tcac.net>
Till: acom-list@egroups.com <acom-list@egroups.com>
Datum: den 18 juli 1999 18:50
Ämne: [acom-list] 2000A Power Cord

>How long is the power cord on the amp, and what type of plug comes with
>it?
>
>
>--
>73,
>Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
>Amarillo, TX
>Web Page: http://www.tcac.net/~rthorne/index.html
>
>
>
>--
>MyPoints-Free Rewards When You're Online.
>Start with up to 150 Points for joining!
>http://clickhere.egroups.com/click/475
>
>
>eGroups.com home: http://www.egroups.com/group/acom-list
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>
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>
>
>

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44. [acom-list] Re: SV: 2000A Power Cord

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-19 11:58:28 UTC
From: Richard Thorne
Topic: 43 Message: 44

Thanks for the info Rune.

Rune Wande wrote:

> Hi!
> In my amp, which I have been using since early December 1998,
> the power cord is just a bit longer than 2 meters (approx 7 feet).
> It is a thick one. Did not come with a plug as there are so many
> different internationally. Those units sold in the US may come with
> a US plug. I do not know.
> The unit works fine and have been using it more than half a year.
> 73 de Rune SM5COP
>
> -----Ursprungligt meddelande-----
> Fr?n: Richard Thorne <rthorne@...>
> Till: acom-list@egroups.com <acom-list@egroups.com>
> Datum: den 18 juli 1999 18:50
> ?mne: [acom-list] 2000A Power Cord
>
> >How long is the power cord on the amp, and what type of plug comes with
> >it?
> >
> >
> >--
> >73,
> >Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
> >Amarillo, TX
> >Web Page: http://www.tcac.net/~rthorne/index.html
> >
> >
> >
> >--
> >MyPoints-Free Rewards When You're Online.
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> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

----

eGroups.com home: http://www.egroups.com/group/acom-list
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45. [acom-list] Remote Power On/Off

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-19 12:05:52 UTC
From: Richard Thorne
Topic: 45 Message: 45

Does the dos software allow one to power the amplifier on and off? This
would be a nice feature for remote operation.

If note, is it a problem to place the appropriate relay in line with the
220v mains? and leave the front panel switch on all the time?

Thanks in advance.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

---

eGroups.com home: http://www.egroups.com/group/acom-list
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46. [acom-list] Re: Poll results

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-19 11:51:24 UTC
From: Jon W4ZW
Topic: 27 Message: 46

My ACOM 2000 will be waiting for me when I return from Colorado in three weeks. Ordered it at Dayton and UPS was one day late or I would have received it before I left. Also have an Alpha 87A for comparison.

After years of QRP/LP with sporadic QRO, went QRO most of the time last year and look forward to using the ACOM 2000.

Jon, W4ZW/0
Breckenridge, Colorado

---

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47. [acom-list] Remote control

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-20 15:29:17 UTC
From: Barry Kutner
Topic: 47 Message: 47

Richard - I am not aware of any reason why the main power switch on the amp can't be left on all the time. To the best of my knowledge, it doesn't apply any high voltages to the amp, just turns power on to allow RCU control. I am sure the RCU On/Off switch is a low voltage logic level. The question of the day is whether you can remotely control this via the RS232 port. If so, then you won't need any 220V relays. I'll defer to Jim for specifics... GL/Barry

Richard Thorne wrote on the Amps reflector:

I just purchased an Acom 2000A for my remote controlled station which uses a Kachina 505dsp.

I'm going to use one of the 12v control signals available to turn the amplifier on and off. In order to do this I need a DPDT relay with a low current 12v coil with contacts that can handle 220v' at 20amps. I'll put the relay in the 220v line to the amplifier.

Anyone know where I can get one of these?

Does anyone see a problem with turning the amp on this way?

I'm hoping the Acom amp can be turned on/off with software but I have not found the answer yet. In the mean time I plan on going the relay route. Should get the amp today per the ups web page. Really looking forward to having 1500 watts vs the current 500 watts with my Kachina KC-500-DC amp provides. By the way the KC-500-DC solid state amp is for sale. Its a nice amp that tracks along with the 505dsp.

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

---

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48. [acom-list] Re: Remote control

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-20 15:41:01 UTC
From: Richard Thorne
Topic: 47 Message: 48

Barry:

I think you answered the question. If the RCU unit can do it, I'm sure software can handle it. I'll call Krassy today and get more info on their current dos application. I wish they went windows, but for turning the amp on and off thats fine with me.

Barry Kutner wrote:

> Richard - I am not aware of any reason why the main power switch on
> the amp can't be left on all the time. To the best of my knowledge, it
> doesn't apply any high voltages to the amp, just turns power on to
> allow RCU control. I am sure the RCU On/Off switch is a low voltage
> logic level. The question of the day is whether you can remotely
> control this via the RS232 port. If so, then you won't need any 220V
> relays. I'll defer to Jim for specifics... GL/Barry
>
> Richard Thorne wrote on the Amps reflector:
>
> I just purchased an Acom 2000A for my remote controlled station which
> uses a Kachina 505dsp.
>
> I'm going to use one of the 12v control signals available to turn the
> amplifier on and off. In order to do this I need a DPDT relay with a
> low current 12v coil with contacts that can handle 220v' at 20amps. I'll
> put the relay in the 220v line to the amplifier.
>
> Anyone know where I can get one of these?
>
> Does anyone see a problem with turning the amp on this way?
>
> I'm hoping the Acom amp can be turned on/off with software but I have
> not found the answer yet. In the mean time I plan on going the relay
> route. Should get the amp today per the ups web page. Really looking
> forward to having 1500 watts vs the current 500 watts with my Kachina
> KC-500-DC amp provides. By the way the KC-500-DC solid state amp is for
> sale. Its a nice amp that tracks along with the 505dsp.
>
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
>
>
> ---
> Was the salesman clueless?

> Productopia has the answers.
> http://clickhere.egroups.com/click/555
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

---

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http://www.egroups.com - Simplifying group communications

49. [acom-list] Remote Power On/Off

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-20 15:48:22 UTC
From: jimi@designet.com
Topic: 45 Message: 49

The function of the red On/Off button on the Remote Control Unit is available as a remote control command through the RS232 port. It will be necessary to leave the main power switch on the amplifier front panel in the On position. No need to buy any relays.

As I've mentioned before, we are working on specification and development of the remote control software. More on this as info becomes available.

Regards,

Jim Idelson K1IR
ACOM International

---

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http://www.egroups.com - Simplifying group communications

50. [acom-list] 2000A Installed

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-21 18:27:50 UTC
From: Richard Thorne
Topic: 50 Message: 50

Received my 2000a yesterday and just installed it today. All I can say is wow! Plugged it in, let it warm up and wham, 1500 watts out.

Using a Kachina 505DSP to drive it. I made a few qso's on 15 and had a pileup into Europe going. Now I wish I had room for bigger antennas. I have a 60' 25g tower up with stacked F12 tribanders and was having a tough time hearing some of the stations. Unfortunately, I really don't have room for another tower, or bigger antennas on the current tower.

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

---

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51. [acom-list] K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:13:47 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 51 Message: 51

Hi everyone,

My Acom 2000A amplifier arrived yesterday! It's a birthday gift
from my XYL. Eat your hearts out!!

Let me illustrate an example of what one can accomplish
when properly motivated:

3:30 PM - Leave work early because the UPS web site indicated
my amp was on it way.
3:40 PM - Stop at Builder's Square to get supplies to run 240V
circuit for the amp.
4:30 PM - Frustrated, I leave with only a fraction of what I need!
(Builder's Square was on the way home, but they
stink compared to Home Depot!)
5:00 PM - Arrive home to find the Acom boxes waiting! Yipee!!
5:01 PM - Run out to local building supply joint for the rest of the
wiring stuff.
5:30 PM - Return home and wolf down dinner (a bowl of cereal,
XYL was working and I wasn't goint to waste
ANY time! :-)
5:40 PM - KA3UKL stops by to pick up the generator we used for
Field Day.
6:00 PM - Resume wiring job.
6:15 PM - Realized I needed a few more things - back to the local
building supply joint (sigh!).
6:45 PM - Return home and resume AGAIN!
7:10 PM - Finish wiring job (never did electrical work like this, so
I was pleased with the speed of the job!)
7:11 PM - Unpacked the 2000A and placed it on the operating table
in the spot I cleared for it previously (clearing it was
a big job in MY shack, but it was like preparing a
nursery for a new baby!)
7:30 PM - FINALLY got the final screw out of the cover! This baby
has a million screws in the cover, so get it right the
first time, gang! Don't get me wrong, I'm glad it has
so many. It's built like a tank!
7:31 PM - Remove the RCU and admire the internal construction!
VERY NICE!
7:40 PM - Transformer is installed.
7:45 PM - Plug is installed on power cord. YOU must wire the power
plug on this, so have the appropriate one ready when
the boxes arrive.
7:46 PM - Plug in remote control head and cables to exciter.
7:47 PM - Begin putting the cover back on.
7:55 PM - Finish putting the cover back on (remember, lots of screws!).

7:56 PM - POWER UP! (No smoke or sparks, so I did something right!)
7:58 PM - *** FIRST QSO FROM K3PP WITH 1500 WATTS!!!!! ***
3Z0something (Poland) on 20m fone

The rest of the night was spent fiddling with the menus (changed the startup display from "ACOM2000A" to "CQ K3PP" :-) and getting some excellent signal reports. I never had to call anyone twice!

I can't wait for the next contest!! Look out baby!

73 de Glenn K3PP (formerly "Porta Potty", now "Pushing Power")

52. [acom-list] Re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:28:29 UTC
From: William F. Beyer Jr.
Topic: 51 Message: 52

O Donnell, Glenn D (Glenn) wrote:

> Hi everyone,
>
> My Acom 2000A amplifier arrived yesterday! It's a birthday gift
> from my XYL. Eat your hearts out!!
>
> Let me illustrate an example of what one can accomplish
> when properly motivated:
>
> 3:30 PM - Leave work early because the UPS web site indicated
> my amp was on it way.
> 3:40 PM - Stop at Builder's Square to get supplies to run 240V
> circuit for the amp.
> 4:30 PM - Frustrated, I leave with only a fraction of what I need!
> (Builder's Square was on the way home, but they
> stink compared to Home Depot!)
> 5:00 PM - Arrive home to find the Acom boxes waiting! Yipee!!
> 5:01 PM - Run out to local building supply joint for the rest of the
> wiring stuff.
> 5:30 PM - Return home and wolf down dinner (a bowl of cereal,
> XYL was working and I wasn't goint to waste
> ANY time! :-)
> 5:40 PM - KA3UKL stops by to pick up the generator we used for
> Field Day.
> 6:00 PM - Resume wiring job.
> 6:15 PM - Realized I needed a few more things - back to the local
> building supply joint (sigh!).
> 6:45 PM - Return home and resume AGAIN!
> 7:10 PM - Finish wiring job (never did electrical work like this, so
> I was pleased with the speed of the job!)
> 7:11 PM - Unpacked the 2000A and placed it on the operating table
> in the spot I cleared for it previously (clearing it was
> a big job in MY shack, but it was like preparing a
> nursery for a new baby!)
> 7:30 PM - FINALLY got the final screw out of the cover! This baby
> has a million screws in the cover, so get it right the
> first time, gang! Don't get me wrong, I'm glad it has
> so many. It's built like a tank!
> 7:31 PM - Remove the RCU and admire the internal construction!
> VERY NICE!
> 7:40 PM - Transformer is installed.
> 7:45 PM - Plug is installed on power cord. YOU must wire the power
> plug on this, so have the appropriate one ready when
> the boxes arrive.

> 7:46 PM - Plug in remote control head and cables to exciter.
> 7:47 PM - Begin putting the cover back on.
> 7:55 PM - Finish putting the cover back on (remember, lots of screws!).
> 7:56 PM - POWER UP! (No smoke or sparks, so I did something right!)
> 7:58 PM - *** FIRST QSO FROM K3PP WITH 1500 WATTS!!!!! ***
> 3Z0something (Poland) on 20m fone
>
> The rest of the night was spent fiddling with the menus (changed the startup
> display from "ACOM2000A" to "CQ K3PP" :-) and getting some excellent
> signal reports. I never had to call anyone twice!
>
> I can't wait for the next contest!! Look out baby!
>
> 73 de Glenn K3PP (formerly "Porta Potty", now "Pushing Power")
>
> --
> Was the salesman clueless?
> Productopia has the answers.
> http://clickhere.egroups.com/click/555
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

Very nice story!!!
My Birthday not until next year, please inform your XYL! HI HI
Can't wait till January 20000
--

73 & see you in the pileups!
William/N2WB/KG4WB

(ex WD4GDZ - also KG4WB, N2WB/KH9, N2WB/KP2 & WA2JXK)

"REMEMBER, DX DON'T SLEEP."

Planned Dxpeditions:
* Clipperton Island - FO0CI - 2000
* St. Lucia - J68WB - October 1999 (Contest call: J68J)
http://www.geocities.com/CapeCanaveral/Hall/1204/photo.html
==
William F. Beyer Jr. N2WB
1560 Poplar Drive, Ormond Beach, FL 32174-3414 U.S.A.
Phone: 1.904.673.7557
E-mail: n2wb@...
NOBARS-North Ormond Beach Amateur Radio Society
CFDXA-Central Florida DX Association
FDXPG-Florida Dxpedition Group
These days, having a good time is the job!
==

53. [acom-list] Re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:35:49 UTC
From: Richard Thorne
Topic: 51 Message: 53

Congrats Glenn:

I've been enjoying mine since yesterday. I just need to improve my receive side now, I felt like an alligator on 20 meters last night.

O Donnell, Glenn D (Glenn) wrote:

> Hi everyone,
>
> My Acom 2000A amplifier arrived yesterday! It's a birthday gift
> from my XYL. Eat your hearts out!!
>
> Let me illustrate an example of what one can accomplish
> when properly motivated:
>
> 3:30 PM - Leave work early because the UPS web site indicated
> my amp was on it way.
> 3:40 PM - Stop at Builder's Square to get supplies to run 240V
> circuit for the amp.
> 4:30 PM - Frustrated, I leave with only a fraction of what I need!
> (Builder's Square was on the way home, but they
> stink compared to Home Depot!)
> 5:00 PM - Arrive home to find the Acom boxes waiting! Yipee!!
> 5:01 PM - Run out to local building supply joint for the rest of the
> wiring stuff.
> 5:30 PM - Return home and wolf down dinner (a bowl of cereal,
> XYL was working and I wasn't goint to waste
> ANY time! :-)
> 5:40 PM - KA3UKL stops by to pick up the generator we used for
> Field Day.
> 6:00 PM - Resume wiring job.
> 6:15 PM - Realized I needed a few more things - back to the local
> building supply joint (sigh!).
> 6:45 PM - Return home and resume AGAIN!
> 7:10 PM - Finish wiring job (never did electrical work like this, so
> I was pleased with the speed of the job!)
> 7:11 PM - Unpacked the 2000A and placed it on the operating table
> in the spot I cleared for it previously (clearing it was
> a big job in MY shack, but it was like preparing a
> nursery for a new baby!)
> 7:30 PM - FINALLY got the final screw out of the cover! This baby
> has a million screws in the cover, so get it right the
> first time, gang! Don't get me wrong, I'm glad it has
> so many. It's built like a tank!
> 7:31 PM - Remove the RCU and admire the internal construction!
> VERY NICE!

> 7:40 PM - Transformer is installed.
> 7:45 PM - Plug is installed on power cord. YOU must wire the power
> plug on this, so have the appropriate one ready when
> the boxes arrive.
> 7:46 PM - Plug in remote control head and cables to exciter.
> 7:47 PM - Begin putting the cover back on.
> 7:55 PM - Finish putting the cover back on (remember, lots of screws!).
> 7:56 PM - POWER UP! (No smoke or sparks, so I did something right!)
> 7:58 PM - *** FIRST QSO FROM K3PP WITH 1500 WATTS!!!!! ***
> 3Z0something (Poland) on 20m fone
>
> The rest of the night was spent fiddling with the menus (changed the startup
> display from "ACOM2000A" to "CQ K3PP" :-) and getting some excellent
> signal reports. I never had to call anyone twice!
>
> I can't wait for the next contest!! Look out baby!
>
> 73 de Glenn K3PP (formerly "Porta Potty", now "Pushing Power")
>
> ---
> Was the salesman clueless?
> Productopia has the answers.
> http://clickhere.egroups.com/click/555
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

--
73,

Richard Thorne - N5ZC (EX. KA2DSY, N2BHP, WB5M)
Amarillo, TX
http://www.tcac.net/~rthorne/

54. [acom-list] re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:42:06 UTC
From: Jim Idelson
Topic: 51 Message: 54

Yes. 40 minutes is exactly the typical time required to set up a
new ACOM 2000A for the first time.

Congratulations, Glenn! Have fun - lots!

Jim K1IR
ACOM International

> Hi everyone,

My Acom 2000A amplifier arrived yesterday! It's a birthday gift
from my XYL. Eat your hearts out!!

Let me illustrate an example of what one can accomplish
when properly motivated:

3:30 PM - Leave work early because the UPS web site indicated
my amp was on it way.
3:40 PM - Stop at Builder's Square to get supplies to run 240V
circuit for the amp.
4:30 PM - Frustrated, I leave with only a fraction of what I need!
(Builder's Square was on the way home, but they
stink compared to Home Depot!)
5:00 PM - Arrive home to find the Acom boxes waiting! Yipee!!
5:01 PM - Run out to local building supply joint for the rest of the
wiring stuff.
5:30 PM - Return home and wolf down dinner (a bowl of cereal,
XYL was working and I wasn't goint to waste
ANY time! :-)
5:40 PM - KA3UKL stops by to pick up the generator we used for
Field Day.
6:00 PM - Resume wiring job.
6:15 PM - Realized I needed a few more things - back to the local
building supply joint (sigh!).
6:45 PM - Return home and resume AGAIN!
7:10 PM - Finish wiring job (never did electrical work like this, so
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in the spot I cleared for it previously (clearing it was
a big job in MY shack, but it was like preparing a
nursery for a new baby!)
7:30 PM - FINALLY got the final screw out of the cover! This baby
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first time, gang! Don't get me wrong, I'm glad it has
so many. It's built like a tank!
7:31 PM - Remove the RCU and admire the internal construction!

VERY NICE!
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plug on this, so have the appropriate one ready when
the boxes arrive.
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7:56 PM - POWER UP! (No smoke or sparks, so I did something right!)
7:58 PM - *** FIRST QSO FROM K3PP WITH 1500 WATTS!!!!! ***
3Z0something (Poland) on 20m fone

The rest of the night was spent fiddling with the menus (changed the startup
display from "ACOM2000A" to "CQ K3PP" :-) and getting some excellent
signal reports. I never had to call anyone twice!

I can't wait for the next contest!! Look out baby!

73 de Glenn K3PP (formerly "Porta Potty", now "Pushing Power")

Was the salesman clueless?
Productopia has the answers.
http://clickhere.egroups.com/click/555

eGroups.com home: http://www.egroups.com/group/acom-list
http://www.egroups.com - Simplifying group communications

<

Jim

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James S. Idelson
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96 Morse Road
Sudbury, Massachusetts USA 01776

tel 978.443.5549
fax 978.443.2034
pager 800.362.0156
email jimi@...
web http://www.designet.com

55. [acom-list] Re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:54:59 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 51 Message: 55

Thanks William! I'll tell her that you're expecting a gift, HI!

> Very nice story!!!
> My Birthday not until next year, please inform your XYL! HI HI
> Can't wait till January 20000

56. [acom-list] Re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 15:56:13 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 51 Message: 56

Thanks Richard! Ya gotta love this thing!

> Congrats Glenn:
>
> I've been enjoying mine since yesterday. I just need to improve my receive
> side
> now, I felt like an alligator on 20 meters last night.
>
>

57. [acom-list] Re: K3PP is now a BIG GUN!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-22 16:01:49 UTC
From: William F. Beyer Jr.
Topic: 51 Message: 57

O Donnell, Glenn D (Glenn) wrote:

> Thanks William! I'll tell her that you're expecting a gift, HI!
>
> > Very nice story!!!
> > My Birthday not until next year, please inform your XYL! HI HI
> > Can't wait till January 20000
>
> ---
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> http://clickhere.egroups.com/click/449
>
> eGroups.com home: http://www.egroups.com/group/acom-list
> http://www.egroups.com - Simplifying group communications

OH, Yes what was your old amp? Type/model
--

73 & see you in the pileups!
William/N2WB/KG4WB

(ex WD4GDZ - also KG4WB, N2WB/KH9, N2WB/KP2 & WA2JXK)

"REMEMBER, DX DON'T SLEEP."

Planned Dxpeditions:
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1560 Poplar Drive, Ormond Beach, FL 32174-3414 U.S.A.
Phone: 1.904.673.7557
E-mail: n2wb@...
NOBARS-North Ormond Beach Amateur Radio Society
CFDXA-Central Florida DX Association
FDXPG-Florida Dxpedition Group
These days, having a good time is the job!
==========

58. [acom-list] 10m On 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-25 22:40:39 UTC
From: Larry Crim
Topic: 58 Message: 58

Whats the procedure for activating 10M on the 2000A? Does it involve doing anything inside the amp or is it done via the RCU. If its inside the amp I want to do it while installing the XMFR. This thing has a LOT of screws!

73,
Larry K4AB

59. [acom-list] Admin: List info

Yahoo group: acom-list (1999 — 2009)
Date: 1999-07-31 12:16:56 UTC
From: Barry Kutner
Topic: 59 Message: 59

In case you are not aware, an archive of posted messages is
available on the Web at http://www.egroups.com/group/acom-list/
Then click on Messages. Anyone can read the archive. Only list
members can post to the list. When you do post to the list, please
use the same e-mail address you used to subscribe, otherwise the
message will not be posted. To unsubscribe, send an empty
message to acom-list-unsubscribe@egroups.com. At this time,
there are 44 list subscribers.

73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

60. [acom-list] ACOM TIPS

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-02 18:11:58 UTC
From: Atilano de Oms Sobrinho
Topic: 60 Message: 60

Hi Friends:

I'm using a ACOM 2000 since December last year. Is a fantastic
peace of equipment.
I do not know way, but on 10 meters last contest I notice that some
times the linear droops out like a higher swr.
Anybody noticed that before?
I do have the intention to install the optional blower. I did not
find instructions for it.

Best 73 and Dx

Oms PY5EG

61. [acom-list] excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 01:01:48 UTC
From: Barry Kutner
Topic: 61 Message: 61

Had something odd occur tonite with the Acom 2000A. Was in
QSO barefoot, with the amp turned on to warm up. After the amp
was warmed up, and in STBY mode, it started beeping with the
drive LED lighting. With carrier on xciter only (200W), display said
"reduce power."
Has anyone one else had this happen? Why should the amp care
about the drive level when it standby?
Tnx/Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

62. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 06:46:01 UTC
From: Dennis Vernacchia
Topic: 61 Message: 62

Hi Barry,
I'm on the reflrctor now !
Since I don't have one of the amps....yet, only thing I can think is
that
the circuitry that tells you you are overdrivig the amp when amp is in
circuit
is not deactivating when in Standby mode and giving you the error
message
still. Sounds like the inhibit function not working when in standby
mode
for this detector circuit. My guess.

73, Dennis N6KI

On Tue, 3 Aug 1999 01:01:48 -0000 "Barry Kutner" <w2up@...>
writes:
>Had something odd occur tonite with the Acom 2000A. Was in
>QSO barefoot, with the amp turned on to warm up. After the amp
>was warmed up, and in STBY mode, it started beeping with the
>drive LED lighting. With carrier on xciter only (200W), display said
>"reduce power."
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>about the drive level when it standby?
>Tnx/Barry
>--
>Barry Kutner, W2UP Internet: w2up@...
>Newtown, PA FRC alternate: barry@...
>
>--
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>http://clickhere.egroups.com/click/615
>
>To unsubscribe, send an empty message to:
>acom-list-unsubscribe@egroups.com
>
>

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63. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 11:01:04 UTC
From: Valeri Stefanov
Topic: 61 Message: 63

Dear Barry,

This is just to tell you that this amplifier is too smart - Hi.
It wanted to notify you that just in case you decide to
start using it you must reduce the driver output power
first. It's that simple.
This amplifier is just different from others currently in use.
We have done extensive testing of ACOM 2000 A in
rude contest conditions during last year at LZ9A and
I must say it is the best available on the market today.
You will not be dissapointed by the preformance of
yours. Be sure.

Wally LZ2CJ
wally@...

Barry Kutner wrote:

> Had something odd occur tonite with the Acom 2000A. Was in
> QSO barefoot, with the amp turned on to warm up. After the amp
> was warmed up, and in STBY mode, it started beeping with the
> drive LED lighting. With carrier on xciter only (200W), display said
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> Has anyone one else had this happen? Why should the amp care
> about the drive level when it standby?
> Tnx/Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
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> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@egroups.com

64. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 12:34:50 UTC
From: Barry Kutner
Topic: 61 Message: 64

Hi Valeri - Yes, too smart for its own good, like the HAL computer from the book/movie, "2001, A Space Odessy," hi. If the amp is in standby, it shouldn't care how much power the exciter runs. Reminds me of the now-famous line "it's not a bug, it's a feature!" Other than this minor flaw, the amp has worked very well for me, in the short time I've owned it. Look forward to upcoming contest season (will miss WAE CW this year, but will put it to the test in CQWW RTTY in Sept). 73 Barry

On 3 Aug 99, Valeri Stefanov <acom-list@egroups.com> wrote:

> Dear Barry,
>
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> I must say it is the best available on the market today.
> You will not be dissapointed by the preformance of
> yours. Be sure.
>
> Wally LZ2CJ
> wally@...
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> Barry Kutner wrote:
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>
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

65. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 12:51:59 UTC
From: Valeri Stefanov
Topic: 61 Message: 65

Hi Barry,

Well, I have just read what you have written for the
FRC Newsletter about ACOM 2000 A.Glad you are happy
having your own ACOM there.

Amplifier needs to know what is the driving power
not only because it's so smart.
It needs this info to work as fast as mentioned in specs
when after warming it up you decide to start operating
full power. That is also kind of protection.(fool proof
design - hi).

Good luck in a comming contests. See ya there either from
LZ9A or LZ2CJ.

Wally
wally@...

Hi Valeri - Yes, too smart for its own good, like the HAL computer
from the book/movie, "2001, A Space Odessy," hi. If the amp is in
standby, it shouldn't care how much power the exciter runs.
Reminds me of the now-famous line "it's not a bug, it's a
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> You will not be dissapointed by the preformance of
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> Wally LZ2CJ
> wally@...
>
> Barry Kutner wrote:

>
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> > Barry Kutner, W2UP Internet: w2up@...
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>
>
--
Barry Kutner, W2UP Internet:
w2up@...
Newtown, PA Frankford Radio Club

66. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 16:53:03 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 61 Message: 66

This all makes sense, but the beeping is still annoying.
With the headphones on, it's less of a problem, but is
there any way to al least silence the beeping for this
particular situation?

I consider this to be a minor annoyance, but I otherwise
love this amplifier! I have it about two weeks and I have
blasted through even the worst pileups. Having never
owned an amplifier, it now seems almost TOO easy!

I had to call FW8ZZ the other day THREE times to get
through and that was only because I couldn't find his
RX frequency! Once I found it, BAM! I got him! This
is SO cool!

73 de Glenn K3PP

> ----------
> From: wally@...[SMTP:wally@...]
> Reply To: acom-list@egroups.com
> Sent: Tuesday, August 03, 1999 7:01 AM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: excess drive in stby?
>
> Dear Barry,
>
> This is just to tell you that this amplifier is too smart - Hi.
> It wanted to notify you that just in case you decide to
> start using it you must reduce the driver output power
> first. It's that simple.
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> We have done extensive testing of ACOM 2000 A in
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> You will not be dissapointed by the preformance of
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> Wally LZ2CJ
> wally@...
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>
>

67. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 17:18:55 UTC
From: Valeri Stefanov
Topic: 61 Message: 67

Glenn,

I do not know, if you could mute the beeping there.
I will ask LZ1JK next days and will let you know.
Anyway, noise warning is important I think ,especially
when someone who quite often is absent-minded
as myself is torturing the amplifier - Hi !?!?

Wally LZ2CJ

O Donnell, Glenn D (Glenn) wrote:

> This all makes sense, but the beeping is still annoying.
> With the headphones on, it's less of a problem, but is
> there any way to al least silence the beeping for this
> particular situation?
>
> I consider this to be a minor annoyance, but I otherwise
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> through and that was only because I couldn't find his
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> is SO cool!
>
> 73 de Glenn K3PP
>
> > ----------
> > From: wally@...[SMTP:wally@...]
> > Reply To: acom-list@egroups.com
> > Sent: Tuesday, August 03, 1999 7:01 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: excess drive in stby?
> >
> > Dear Barry,
> >
> > This is just to tell you that this amplifier is too smart - Hi.
> > It wanted to notify you that just in case you decide to
> > start using it you must reduce the driver output power
> > first. It's that simple.
> > This amplifier is just different from others currently in use.
> > We have done extensive testing of ACOM 2000 A in
> > rude contest conditions during last year at LZ9A and
> > I must say it is the best available on the market today.

> > You will not be dissapointed by the preformance of
> > yours. Be sure.
> >
> > Wally LZ2CJ
> > wally@...
> >
> > Barry Kutner wrote:
> >
> > > Had something odd occur tonite with the Acom 2000A. Was in
> > > QSO barefoot, with the amp turned on to warm up. After the amp
> > > was warmed up, and in STBY mode, it started beeping with the
> > > drive LED lighting. With carrier on xciter only (200W), display said
> > > "reduce power."
> > > Has anyone one else had this happen? Why should the amp care
> > > about the drive level when it standby?
> > > Tnx/Barry
> > > --
> > > Barry Kutner, W2UP Internet: w2up@...
> > > Newtown, PA FRC alternate: barry@...
> > >
> > > ---
> > > GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> > > Save on vitamins & supplements. Use coupon code: EGROUPS at checkout
> > > http://clickhere.egroups.com/click/615
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> > > To unsubscribe, send an empty message to:
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> Click Here to apply for a NextCard Internet Visa and start earning
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> acom-list-unsubscribe@egroups.com

68. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 17:43:00 UTC
From: Richard Thorne
Topic: 61 Message: 68

Glenn:

I think there are volume controls on top of the RCU unit. You need a small
insulated screw driver to adjustt them.

O Donnell, Glenn D (Glenn) wrote:

> This all makes sense, but the beeping is still annoying.
> With the headphones on, it's less of a problem, but is
> there any way to al least silence the beeping for this
> particular situation?
>
> I consider this to be a minor annoyance, but I otherwise
> love this amplifier! I have it about two weeks and I have
> blasted through even the worst pileups. Having never
> owned an amplifier, it now seems almost TOO easy!
>
> I had to call FW8ZZ the other day THREE times to get
> through and that was only because I couldn't find his
> RX frequency! Once I found it, BAM! I got him! This
> is SO cool!
>
> 73 de Glenn K3PP
>
> > ----------
> > From: wally@...[SMTP:wally@...]
> > Reply To: acom-list@egroups.com
> > Sent: Tuesday, August 03, 1999 7:01 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: excess drive in stby?
> >
> > Dear Barry,
> >
> > This is just to tell you that this amplifier is too smart - Hi.
> > It wanted to notify you that just in case you decide to
> > start using it you must reduce the driver output power
> > first. It's that simple.
> > This amplifier is just different from others currently in use.
> > We have done extensive testing of ACOM 2000 A in
> > rude contest conditions during last year at LZ9A and
> > I must say it is the best available on the market today.
> > You will not be dissapointed by the preformance of
> > yours. Be sure.
> >
> > Wally LZ2CJ
> > wally@...

> >
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> > > Had something odd occur tonite with the Acom 2000A. Was in
> > > QSO barefoot, with the amp turned on to warm up. After the amp
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> > > drive LED lighting. With carrier on xciter only (200W), display said
> > > "reduce power."
> > > Has anyone one else had this happen? Why should the amp care
> > > about the drive level when it standby?
> > > Tnx/Barry
> > > --
> > > Barry Kutner, W2UP Internet: w2up@...
> > > Newtown, PA FRC alternate: barry@...
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> > > ---
> > > GET $10 OFF ANY ORDER @ healthshop.com! No min. purchase req.
> > > Save on vitamins & supplements. Use coupon code: EGROUPS at checkout
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> > > To unsubscribe, send an empty message to:
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> >
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> http://clickhere.egroups.com/click/449
>
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

69. [acom-list] Re: acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-03 23:07:37 UTC
From: William F. Beyer Jr.
Topic: 69 Message: 69

Valeri Stefanov wrote:

> Hi Barry,
>
> Well, I have just read what you have written for the
> FRC Newsletter about ACOM 2000 A.Glad you are happy
> having your own ACOM there.
>
> Amplifier needs to know what is the driving power
> not only because it's so smart.
> It needs this info to work as fast as mentioned in specs
> when after warming it up you decide to start operating
> full power. That is also kind of protection.(fool proof
> design - hi).
>
> Good luck in a comming contests. See ya there either from
> LZ9A or LZ2CJ.
>
> Wally
> wally@...
>

Any way get copy of Article in FRC Newslettter about Acom 2000A?

--

73 & see you in the pileups!
William/N2WB/KG4WB

(ex WD4GDZ - also KG4WB, N2WB/KH9, N2WB/KP2 & WA2JXK)

"REMEMBER, DX DON'T SLEEP."

70. [acom-list] Re: acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-04 01:43:47 UTC
From: jimi
Topic: 69 Message: 70

A copy of the article is posted on our web site at http://www.hfpower.com. Check out the the W2UP page in the Testimonials section.

>> Any way get copy of Article in FRC Newslettter about Acom 2000A? <<

73,

Jim K1IR

71. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-04 19:55:16 UTC
From: Valeri Stefanov
Topic: 61 Message: 71

Dear Rich,

You are right. I have spoken to LZ1JK today and the
advise was exactly that - use volume control on RCU
to reduce the beeping as much as needed. That is the only way.
One still will have light signalisation to notify
him to reduce the driving power.

Wally LZ2CJ
wally@...

Richard Thorne wrote:

> Glenn:
>
> I think there are volume controls on top of the RCU unit. You need a small
> insulated screw driver to adjustt them.
>
> O Donnell, Glenn D (Glenn) wrote:
>
> > This all makes sense, but the beeping is still annoying.
> > With the headphones on, it's less of a problem, but is
> > there any way to al least silence the beeping for this
> > particular situation?
> >

72. [acom-list] Re: excess drive in stby?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-04 21:09:04 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 61 Message: 72

Thanks guys,

I think this is exactly what I will do. It is good that the amp
will warn me of my own pending stupidity, so the beeping is
valuable. Turning it down to a less annoying level is a good
suggestion.

73 de Glenn K3PP

> ----------
> From: wally@...[SMTP:wally@...]
> Reply To: acom-list@egroups.com
> Sent: Wednesday, August 04, 1999 3:55 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: excess drive in stby?
>
> Dear Rich,
>
> You are right. I have spoken to LZ1JK today and the
> advise was exactly that - use volume control on RCU
> to reduce the beeping as much as needed. That is the only way.
> One still will have light signalisation to notify
> him to reduce the driving power.
>
> Wally LZ2CJ
> wally@...
>
> Richard Thorne wrote:
>
> > Glenn:
> >
> > I think there are volume controls on top of the RCU unit. You need a
> small
> > insulated screw driver to adjustt them.
> >
> > O Donnell, Glenn D (Glenn) wrote:
> >
> > > This all makes sense, but the beeping is still annoying.
> > > With the headphones on, it's less of a problem, but is
> > > there any way to al least silence the beeping for this
> > > particular situation?
> > >
>
> ---
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73. [acom-list] Overdriving

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-05 11:17:51 UTC
From: samsel@wtcsofia.bg
Topic: 73 Message: 73

Hi guys,
Is the jokes permitted !
If yes, even me with mine 150 kg i can hardly obtain the 203 Watts overdrive! Actually this is the software limit to the input of ACOM 2000A ! This is just to prevent mistake of using a very high drive power in case of switching to "operate(green LCD)".

Also some of You -proud owners - can notice that when step on border between two band segments i.e. 3799.99 in SSB mode the "switch" between upper and down segment may appear. The owners may hear the moving of the variable caps fort an back , but this is not a big deal, just live it . It is just a comparison of the detuning between two neighbouring segments.

Good luck to all of You , been in luck to have IT , as well the upcomming !

Low band operation is a great fun!

73! Nick LZ1JY

PS: Glenn , i'm jealous ! This is my third one and she still stay away from the radio! No gifts forecasted in this millenium!

BTW: Doc, did you solve the neighbouring problems

74. [acom-list] Optional fan installation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-07 22:12:00 UTC
From: AA1ND@aol.com
Topic: 74 Message: 74

Dear friends,
They are questions regarding optional fan installation:
Here is Section 3. of the Technical Supplement concerning the optional fan installation. We have suitable 24VDC/2.4W PAPST fans stocked. The 119x119mm type is standard for PAPST and MATSUSHITA and several other manufacturers. The 24V DC is standard, but 12V DC, 100V AC, or 120V AC could be adapted too.

1-2. SAFETY FIRST

The amplifier works with high voltages: +2850VDC, +430VDC, +340VDC and 240VAC which are DANGEROUS TO LIFE! All necessary steps are taken these voltages drop to harmless levels within 30 minutes after turning it off, but for your safety you must check this EACH TIME whenever you remove the cover of the amplifier.

First pull the amplifier power plug out of the mains wall outlet and wait at least 30 minutes. Then make sure that no dangerous voltages are present. For the purpose take applroximately 1 meter (3 feets) WELL INSULATED lead with Working Voltage as a minimum of 3000V, for instance the type 982041 or 981865 High Voltage Test Lead Wire manufactured by DEARBORN or equivalent. Bare it at both ends. Connect one of its ends FIRST to the GROUND STUD (on the rear panel), and AFTERWARDS, holding it BY THE INSULATION ONLY at a distance of minimum 10cm (4inch), touch with its other end consecutively the following critical points of the amplifier:
- the copper strip of the plate parasitic supressors;
- on HV printed circuit board - both points indicated with "+2850V";
- on the same board - both points indicated with "+430V" and "+340V".
......
......

3. INSTALLATION OF OPTIONAL FAN

The fan is supplied as an option with a set of 8 screws, nuts and washers and is sized 119x119mm. It can be mounted by the dealer or manufacturer on request.

W A R N I N G HIGH VOLTAGE! Before attempting any action, thoroughly read
==========
throuogh and satisfy Safety Considerations in Section 1-2!

C A U T I O N Pay attention to the air flow direction indicated on the fan
==========
that it is from the outside.

In order to mount a fan, the amplifier must be opened. Remove the power transformer. Observe the considerations from S.2-2 of the OPERATING MANUAL but in reverse order. Then unscrew the four bolts and remove the air intake protecting grid from the rear panel.

Using four M4x12 or similar bolts, mount the fan on its place directing its leads in the shortest way to the inside. In case that the shortest way is inconvenient, use the provided for this purpose aperture close to the fan, piercing the blanking cable gromet. Mount on the fan rear the protecting grid using the remaining four M4x12 bolts.

C A U T I O N Compare the type (DC or AC) and nominal voltage of the
==========
supplied fan with the indicated in Table 2-1, ACOM2000A Individual Data in the Operating Manual.

When the fan is for 12V DC or 24V DC, connect it to the small board, located immediately below its aperture. Fan's positive lead, which is usually red, connect to board pad indicated "+", and the negative lead - to the other indicated "-". If the nominal voltage of the supplied fan is different from that indicated in the table, you must open the cover below TUBE DECK and there, on the AIR SENSOR board, move the jumper for the appropriate voltage: 12V or 24V.

When the fan is for 100V AC or 120V AC, connect it to the MAINS CONTROL board, located just behind the power transformer. One of the AC Fan leads must be connected to EXT.FAN-0 terminal, and the other to the EXT.FAN-100, respectively -120V, depending on fan's nominal voltage. In addition you must put a mains fuse into the board fuseholder, indicated EXT.FAN (Fig.2-1). The nominal current and type of the fuse must correspond to the AC Fan current consumption.

Now reinstall the power transformer and cover of the amplifier. Observe the considerations from S.2-2 of the OPERATING MANUAL

Please describe in details the effect you noticed on 10m. If possible, try the same into a dummy load. Does it appear randomly from time to time or after several minutes of continuous transmission? Does it appear on any other band?

In MEASURE sub-menu check and log all 20 parameters after making an USR tuning, possibly at 1500W output and in faulty conditions.

Best 73! Vassil Vassilev, LZ1JK
President of ACOM Ltd, Sofia, Bulgaria
Krassy K1LZ -ACOM International Inc- USA

75. [acom-list] ACOM question

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-17 18:22:22 UTC
From: LY2BTA
Topic: 75 Message: 75

hello,

there are some problems with my ACOM 2000A.

During WAE CW test my ACOM dead.
After few CQ's with 1000W on FORWARD POWER amplifier shuts down.
when I switch on RCU displayed message:ANTENNA RELAY OPEN IT SHOULD BE CLOSED

I checked all that I can and nothing. Switch amp for 1 hour and try again.
Was the same situation!

Don't know what to do?

Any comments?

73! LY2CY George

76. [acom-list] No Subject

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-18 21:14:09 UTC
From: Howard Klein
Topic: 76 Message: 76

Jim,

On two occasions I got a protection msg, "low filament voltage--9.4 volts".
I believe all other voltage parameters were normal. Any ideas?

Howard, K2HK

_____
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77. [acom-list] Re: No Subject

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-19 23:02:46 UTC
From: AA1ND@aol.com
Topic: 76 Message: 77

Hi Howard ,
This is the E mail I sent to somebody els HI! Please send me the answers on this Q.

Dear Howard,

The technical supplement comprises and we can send to you a copy of: all electrical schematic diagrams, layouts for all PCB assemblies in the amplifier, description of DOS program and cabling for antenna tuning via PC, and also rules and a list of commands for local network control via the serial amplifier port.

Concerning the protection problem "low filament voltage", please do the following in order to supply me with technical information:

a} tell me more about the conditions of this protection. When did it trip: at power-on, after the 2.5 minutes heater count-down, or during working period? Have you noted the HEATER LED indicator on the RCU to be lit for long periods before the protection trips? How long was the time between two trips?

b) is your amplifier connected for 240VAC (as supplied) or you have changed the voltage selector to another nominal value?

c) please enter the MEASURE sub-menu and read out the following values:
- MAINS (line input voltage);
- FIL-V (filament voltage, nominal value is 12.6V)
- IF-REAR (filament current - rear tube, nominal value is 3.6A);
- IF-FRONT (filament current - front tube, nominal value is 3.6A).

For your information, the nominal filament voltage is 12.6V. The HEATER (yellow LED) indicator on the RCU is normally dark. It will constantly light if the filament voltage drops below 11.6V and it will frequently blink if the voltage exceeds 13.6V. In both cases the voltage selection may need to be changed if this condition predominates. The heater voltage protection would trip at voltages below 10V and over 14.4V and the corresponding message to the operator is issued on the RCU. Respectively, the thresholds for heater current protection are 3A and 4.4A, and appropriate messages appear when tripped.

Anyway, occasional protection trips may be a symptom for loosened contacts somewhere in the filament network, so if it persists without any evident external cause, please keep me informed in order to timely solve the trouble.

Krassy

78. [acom-list] Re: No Subject

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-19 23:21:50 UTC
From: Howard Klein
Topic: 76 Message: 78

----Original Message Follows----
From: AA1ND@...
Reply-To: acom-list@egroups.com
To: acom-list@egroups.com
Subject: [acom-list] Re: No Subject
Date: Thu, 19 Aug 1999 19:02:46 EDT

Hi Howard ,
This is the E mail I sent to somebody els HI! Please send me the answers
on
this Q.

Dear Howard,

The technical supplement comprises and we can send to you a copy of: all
electrical schematic diagrams, layouts for all PCB assemblies in the
amplifier, description of DOS program and cabling for antenna tuning via PC,
and also rules and a list of commands for local network control via the
serial amplifier port.

Concerning the protection problem "low filament voltage", please do the
following in order to supply me with technical information:

a} tell me more about the conditions of this protection. When did it trip:
at
power-on, after the 2.5 minutes heater count-down, or during working period?
Have you noted the HEATER LED indicator on the RCU to be lit for long
periods
before the protection trips? How long was the time between two trips?

b) is your amplifier connected for 240VAC (as supplied) or you have changed
the voltage selector to another nominal value?

c) please enter the MEASURE sub-menu and read out the following values:
- MAINS (line input voltage);
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- IF-REAR (filament current - rear tube, nominal value is 3.6A);
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For your information, the nominal filament voltage is 12.6V. The HEATER
(yellow LED) indicator on the RCU is normally dark. It will constantly light
if the filament voltage drops below 11.6V and it will frequently blink if
the
voltage exceeds 13.6V. In both cases the voltage selection may need to be
changed if this condition predominates. The heater voltage protection would
trip at voltages below 10V and over 14.4V and the corresponding message to
the operator is issued on the RCU. Respectively, the thresholds for heater

current protection are 3A and 4.4A, and appropriate messages appear when tripped.

Anyway, occasional protection trips may be a symptom for loosened contacts somewhere in the filament network, so if it persists without any evident external cause, please keep me informed in order to timely solve the trouble.

Krassy

Krassy,

Nice to hear from you. To answer questions:
1.In both cases trip occured during working conditions.
Approximately 2 weeks between trips. In the first case I could not return to operate from standby since the indication was that the condition continued. The next time I used the amp (next day) the [problem did not occur. About 2 weeks later it occured again. I was able to switch to operate with no problem. It has not reoccured for about 2 weeks.
Mains voltage 245 as read on at this time. To my knowledge it has not varied from this value by more than a few volts at any time.
2. Both tubes fil current 3.7A
3. fil voltage 12.7V-12.5V

Lookin forward to the software. It will help to monitor several parameters at once.

Howard

_____
Get Free Email and Do More On The Web. Visit http://www.msn.com

79. [acom-list] NO ANY PROBLEMS! tnx OH1MA

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-22 04:12:04 UTC
From: LY2BTA
Topic: 79 Message: 79

Hello,

TNX for information!
MY ACOM 2000A is working fine!
Problem was in small condensator I replace and now is everything OK!

Thank you very much OH1MA and LZ1JK for help

73! LY2CY

80. [acom-list] New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 00:10:28 UTC
From: W4ZW@home.com
Topic: 80 Message: 80

This is a write-up I did for our Contest Club and thought someone might find it interesting here.

Kids are back in school, I'm over the little bout of Flu caught on the Disney Cruise and I finally found time to unbox and install my new ACOM2000A amplifier day before yesterday.

A little background is in order. I have operated QRO off and on during my many years as a ham, most often barefoot or QRP since I work primarily CW and from Russia for several years where maximum power for a Class "A" station was 200W. Ran a TS-930SAT for years, then the FT-1000D which I still use, and a TS-950SDX which is primarily on digital modes now and band monitoring with the SM-230. Also have a FT-1000MP which was one of the first models released.

Since our Radio Shacks in Russia were also the HRO of Russia, we handled all the ham lines in the stores (Ave. store 10,000 sq. ft and more like a Best Buy - I sold out over two years ago). As a result, I have a little of everything laying around here. My favorite is my FT-1000D, followed by the FT-1000MP, the TS-950SDX, Kenwood TS-570D, TS-50, and various VHF gear. Did have one of just about everything at different times during the last seven years. I got to test the gear for the Russian FCC type acceptance, hi. Last year I dug out my old FL-7000 to use for SSB when the TARC gang came out here to work the IOTA contest. Bought an Alpha 87A last year and have used it off and on. At Dayton, was intrigued by the ACOM so signed up for one when they were to be released.

First impressions: The ACOM2000A comes like the Alpha 87A with the transformer shipped in a separate box. It is almost exactly the same size and weight as the Alpha 87A even to the number and placement of the gazillion screws needed for removal to install the transformer. Inside, it even looks like the Alpha... very high quality components and workmanship. ACOM doesn't supply a 220V plug, so unpack, transformer install, plug install, etc takes about 1- 1 1/2 hours. The ACOM comes with a small control head with is fully digital and connects to the main amplifier by a cable about 3M long. Very nice arrangement since the amplifier can then be placed in any convenient place and fully controlled and monitored from the pad which is only the size of a small paperback book and has a folding, metal stand in the rear so it sets up nicely for viewing.

The ACOM2000A auto-tunes and sets up with a band change with only one dit at 45 wpm in about 1 second. The small control head is more like a tiny computer screen with full information about every aspect of the amp on demand; plate voltage, current, filament voltage, etc etc. Power output and SWR are continuously displayed with an LED array as well as status LEDs for

protection, Amp On, grid, etc. Also shows band segment of operation. The ACOM 2000A breaks every amateur band into multiple frequency segments. The user can store up to ten (10) sets of tuning adjustments for every frequency segment - allowing individual settings for multiple antennas on each band. VSWR can increase considerably when an antenna is operated away from its resonant frequency. Other displays are available by programming the display. The amp went together easily, and uses one PTT line and a coax connection. Simple and operated on first connect automatically with 1.5KW out. The amp is almost an Alpha 87A clone as for general features and operation but has the nifty control head and seems faster to auto-tune to band if that's possible. It is VERY quiet compared to the Alpha but I understand they have a new fan assembly for the Alpha that solves some of the noise problem. Both amps operate flawlessly and efficiently. The ACOM has a broader SWR tune range since the Alpha here can't auto-tune my 402CD beyond about 600W output since I have a very poor SWR on 40 due to the 402CD coupling with the steel beams in my house depending on the direction the beam is pointing. The ACOM2000 tunes to full output under the same conditions.

ACOM Pluses: Control head is great. Also has a RS-232 output for computer control with a soon to be released program. Wider SWR tuning range. Quieter. Less expensive final tubes (Svetlana 4CX800A tetrodes operating in a grid-driven configuration) and much better price point! About $5,500. They are also releasing an automatic heavy duty remote antenna switch in October which will "remember" the antenna and settings for each band segment and both auto-tune the amp and select the correct antenna (8 positions) with a single dit. single feedline to the switch, multiple feedlines out. I ordered that as well at Dayton so that will be another report.

Negatives: Not as spectrally pure as the Alpha 87A. Never had any TVI in the house with the Alpha 87A other than the alarm system which was cured with ferrites. Have some TVI on just about every band with the ACOM. Haven't even begun to address that issue yet, but with the kids it restricts my time on the air. Unknown reliability/warranty service but the Europeans have had them for over a year now and many of my friends there who have bought this amp praise it. No negatives yet posted on the ACOM reflector http://www.egroups.com/group/acom-list/. ON4UN did a pretty good review/recommendation.

Now I have two amps, and guess I'll go to two radio operation next. I had the cabinetry custom built for multi-radio operation but I've never had the time to fully complete it.

See ACOM's website at http://www.hfpower.com/.

I'm sold. Seems like a contestor's dream amp/antenna combo.

Jon Hamlet, W4ZW
Casey Key Island, FL

81. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 00:27:18 UTC
From: Richard Thorne
Topic: 80 Message: 81

Hi Jon:

Nice write up. I've had my 2000a for a few months now. I use it with a Kachina 505dsp via remote control. I'm anxiously awaiting the software so I can monitor the amp from my home (the amp is at the office with the rest of the station).

I do have one question for you since you have both amps. How does the relay noise compare? I operated a 87A at N3BB's place last year and during cw it appeared to be very quite. The Acom appears to be a bit noisier?

Thanks in advance.

W4ZW@... wrote:

> This is a write-up I did for our Contest Club and thought someone might find
> it interesting here.
>
> Kids are back in school, I'm over the little bout of Flu caught on the
> Disney Cruise and I finally found time to unbox and install my new
> ACOM2000A amplifier day before yesterday.
>
> A little background is in order. I have operated QRO off and on during my
> many years as a ham, most often barefoot or QRP since I work primarily CW
> and from Russia for several years where maximum power for a Class "A"
> station was 200W. Ran a TS-930SAT for years, then the FT-1000D which I
> still use, and a TS-950SDX which is primarily on digital modes now and band
> monitoring with the SM-230. Also have a FT-1000MP which was one of the
> first models released.
>
> Since our Radio Shacks in Russia were also the HRO of Russia, we handled all
> the ham lines in the stores (Ave. store 10,000 sq. ft and more like a Best
> Buy - I sold out over two years ago). As a result, I have a little of
> everything laying around here. My favorite is my FT-1000D, followed by the
> FT-1000MP, the TS-950SDX, Kenwood TS-570D, TS-50, and various VHF gear. Did
> have one of just about everything at different times during the last seven
> years. I got to test the gear for the Russian FCC type acceptance, hi.
> Last year I dug out my old FL-7000 to use for SSB when the TARC gang came
> out here to work the IOTA contest. Bought an Alpha 87A last year and have
> used it off and on. At Dayton, was intrigued by the ACOM so signed up for
> one when they were to be released.
>
> First impressions: The ACOM2000A comes like the Alpha 87A with the
> transformer shipped in a separate box. It is almost exactly the same size
> and weight as the Alpha 87A even to the number and placement of the
> gazillion screws needed for removal to install the transformer. Inside, it

> even looks like the Alpha... very high quality components and workmanship.
> ACOM doesn't supply a 220V plug, so unpack, transformer install, plug
> install, etc takes about 1- 1 1/2 hours. The ACOM comes with a small
> control head with is fully digital and connects to the main amplifier by a
> cable about 3M long. Very nice arrangement since the amplifier can then be
> placed in any convenient place and fully controlled and monitored from the
> pad which is only the size of a small paperback book and has a folding,
> metal stand in the rear so it sets up nicely for viewing.
>
> The ACOM2000A auto-tunes and sets up with a band change with only one dit at
> 45 wpm in about 1 second. The small control head is more like a tiny
> computer screen with full information about every aspect of the amp on
> demand; plate voltage, current, filament voltage, etc etc. Power output and
> SWR are continuously displayed with an LED array as well as status LEDs for
> protection, Amp On, grid, etc. Also shows band segment of operation. The
> ACOM 2000A breaks every amateur band into multiple frequency segments. The
> user can store up to ten (10) sets of tuning adjustments for every frequency
> segment - allowing individual settings for multiple antennas on each band.
> VSWR can increase considerably when an antenna is operated away from its
> resonant frequency. Other displays are available by programming the display.
> The amp went together easily, and uses one PTT line and a coax connection.
> Simple and operated on first connect automatically with 1.5KW out. The amp
> is almost an Alpha 87A clone as for general features and operation but has
> the nifty control head and seems faster to auto-tune to band if that's
> possible. It is VERY quiet compared to the Alpha but I understand they have
> a new fan assembly for the Alpha that solves some of the noise problem.
> Both amps operate flawlessly and efficiently. The ACOM has a broader SWR
> tune range since the Alpha here can't auto-tune my 402CD beyond about 600W
> output since I have a very poor SWR on 40 due to the 402CD coupling with the
> steel beams in my house depending on the direction the beam is pointing.
> The ACOM2000 tunes to full output under the same conditions.
>
> ACOM Pluses: Control head is great. Also has a RS-232 output for computer
> control with a soon to be released program. Wider SWR tuning range.
> Quieter. Less expensive final tubes (Svetlana 4CX800A tetrodes operating in
> a grid-driven configuration) and much better price point! About $5,500.
> They are also releasing an automatic heavy duty remote antenna switch in
> October which will "remember" the antenna and settings for each band segment
> and both auto-tune the amp and select the correct antenna (8 positions) with
> a single dit. single feedline to the switch, multiple feedlines out. I
> ordered that as well at Dayton so that will be another report.
>
> Negatives: Not as spectrally pure as the Alpha 87A. Never had any TVI in
> the house with the Alpha 87A other than the alarm system which was cured
> with ferrites. Have some TVI on just about every band with the ACOM.
> Haven't even begun to address that issue yet, but with the kids it restricts
> my time on the air. Unknown reliability/warranty service but the Europeans
> have had them for over a year now and many of my friends there who have
> bought this amp praise it. No negatives yet posted on the ACOM reflector
> http://www.egroups.com/group/acom-list/. ON4UN did a pretty good

> review/recommendation.
>
> Now I have two amps, and guess I'll go to two radio operation next. I had
> the cabinetry custom built for multi-radio operation but I've never had the
> time to fully complete it.
>
> See ACOM's website at http://www.hfpower.com/.
>
> I'm sold. Seems like a contestor's dream amp/antenna combo.
>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> --
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

82. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 03:26:43 UTC
From: W4ZW@home.com
Topic: 80 Message: 82

Hi Richard,

> I do have one question for you since you have both amps. How
> does the relay
> noise compare? I operated a 87A at N3BB's place last year and
> during cw it
> appeared to be very quite. The Acom appears to be a bit noisier?

Both my Alpha 87A and the ACOM are virtually silent as to any relay noise. I can hear nothing. The fan on my Alpha is quite loud. The only noise the ACOM makes is a little low thumping on transmit (I work CW 95% of the time) when the amp is keyed.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

83. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 10:54:23 UTC
From: Barry Kutner
Topic: 80 Message: 83

On 29 Aug 99, W4ZW@... wrote:

> Both my Alpha 87A and the ACOM are virtually silent as to any relay noise.
> I can hear nothing. The fan on my Alpha is quite loud. The only noise the
> ACOM makes is a little low thumping on transmit (I work CW 95% of the time)
> when the amp is keyed.
>
>
Interesting... My relay definitely makes noise. I don't operate QSK
so it's not too bad, but it is louder than I expected. Others?
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

84. [acom-list] QSK with the FT-1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 20:43:15 UTC
From: Neil King
Topic: 84 Message: 84

Well, I've had my Acom2000a for exactly 2 days and have to say that I'm very happy so far. Setup was straightforward and performance certainly meets my expectations.

One thing that surfaced immediately, however, were issues with my grounding system. Operating from the second floor of a house appears to make the ground run appear a perfect half wavelength on 10 meters. If I load the amp to any modest amount of output (>200W) on a frequency over 28. 275, my FT-1000MP immediately resets itself quite nicely. Ah well .... improving the grounding system is next weekends project.

My question is with regard to QSK and the FT1000MP. Has anyone experience with connecting the FT1000MP and the Acom2000A for QSK operation? If so, I'd appreciate some advice/direction on connections etc. Both are are relatively new to me so any comments would be appreciated.

Regards,
Neil King
VE7CVM

85. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-30 21:34:17 UTC
From: W4ZW@home.com
Topic: 80 Message: 85

After some further investigation, my relay in the ACOM does click, but it is not very noticeable unless I listen for it. The amp is located about 6' away from the opaerating position and is recessed into a custom made cabinet made for amps. When I put the FT-1000 into full QSK, it becomes noticeable.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: Barry Kutner [mailto:w2up@...]
> Sent: Monday, August 30, 1999 6:54 AM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> comparison to Alpha 87A
>
>
>
>
> On 29 Aug 99, W4ZW@... wrote:
>
> > Both my Alpha 87A and the ACOM are virtually silent as to any
> relay noise.
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> only noise the
> > ACOM makes is a little low thumping on transmit (I work CW 95%
> of the time)
> > when the amp is keyed.
> >
> >
> Interesting... My relay definitely makes noise. I don't operate QSK
> so it's not too bad, but it is louder than I expected. Others?
> 73 Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
> --
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> acom-list-unsubscribe@egroups.com
>
>

86. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and comparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-31 02:53:44 UTC
From: Richard Thorne
Topic: 80 Message: 86

Thanks for the response Jon:

I don't think the relay noise is a problem I was just curious. Besides, my Acom is 6 miles from my operating position, so the relay noise is not a problem, HI.

W4ZW@... wrote:

> After some further investigation, my relay in the ACOM does click, but it is
> not very noticeable unless I listen for it. The amp is located about 6'
> away from the opaerating position and is recessed into a custom made cabinet
> made for amps. When I put the FT-1000 into full QSK, it becomes noticeable.
>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
> > -----Original Message-----
> > From: Barry Kutner [mailto:w2up@...]
> > Sent: Monday, August 30, 1999 6:54 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> > comparison to Alpha 87A
> >
> >
> >
> >
> > On 29 Aug 99, W4ZW@... wrote:
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> > Interesting... My relay definitely makes noise. I don't operate QSK
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> > --
> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA FRC alternate: barry@...

> >
> > ---
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> >
> >
>
> ---
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

87. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co mparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-31 14:30:03 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 87 Message: 87

I wasn't sure about the relay click because I almost always operate
with the Heil headset on. I checked last night and yes, mine clicks
but it's not annoying unless I use QSK. I guess I'm not a good enough
CW op, because I very rarely use QSK. Because of this, I don't have a
problem with the relay click. With the headset on, I can't even hear it.

73 de Glenn K3PP

> ----------
> From: W4ZW@...[SMTP:w4zw@...]
> Reply To: acom-list@egroups.com
> Sent: Monday, August 30, 1999 5:34 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> comparison to Alpha 87A
>
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> made for amps. When I put the FT-1000 into full QSK, it becomes
> noticeable.
>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
>
> > -----Original Message-----
> > From: Barry Kutner [mailto:w2up@...]
> > Sent: Monday, August 30, 1999 6:54 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> > comparison to Alpha 87A
> > >
> > >
> > >
> > >
> > On 29 Aug 99, W4ZW@... wrote:
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> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA FRC alternate: barry@...
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>
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>
>

88. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co mparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-31 16:01:23 UTC
From: Neil King
Topic: 87 Message: 88

I've been following your discussion below. I've just installed an FT1000MP
and an Acom2000. I'd appreciate a description of any special wiring
required to operate QSK as its a feature I prefer to use when sending CW.
Neither manual has much of a description of what's required.

Any assistance would be appreciated.

Regards,
Neil King
VE7CVM

neil_king@...

"O Donnell, Glenn D (Glenn)" <gdo@...> on 08/31/99 07:30:03 AM

Please respond to acom-list@egroups.com

To: "'acom-list@egroups.com'" <acom-list@egroups.com>
cc: (bcc: Neil King/Scott Paper Ltd)
Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co
mparison to Alpha 87A

I wasn't sure about the relay click because I almost always operate
with the Heil headset on. I checked last night and yes, mine clicks
but it's not annoying unless I use QSK. I guess I'm not a good enough
CW op, because I very rarely use QSK. Because of this, I don't have a
problem with the relay click. With the headset on, I can't even hear it.

73 de Glenn K3PP

> ----------
> From: W4ZW@...[SMTP:w4zw@...]
> Reply To: acom-list@egroups.com
> Sent: Monday, August 30, 1999 5:34 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> comparison to Alpha 87A
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> After some further investigation, my relay in the ACOM does click, but it
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> made for amps. When I put the FT-1000 into full QSK, it becomes
> noticeable.
>

> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
>
> > -----Original Message-----
> > From: Barry Kutner [mailto:w2up@...]
> > Sent: Monday, August 30, 1999 6:54 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> > comparison to Alpha 87A
> >
> >
> >
> >
<<Snip>>

89. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co mparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-31 16:33:15 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 87 Message: 89

I did no special wiring other than the relay line between my IC-775
and my 2000A. Both are RCA jacks, so a simple audio cable I had
in my stash did the trick. It works fine at my typical speed of 25-30 WPM.
If you're a real speed demon (50+ WPM), I'm not sure how it would work.

Again, I tend NOT to use QSK. My brain isn't smart enough to handle
it very well.

73 de Glenn K3PP

> ----------
> From: Neil King[SMTP:Neil_King@...]
> Reply To: acom-list@egroups.com
> Sent: Tuesday, August 31, 1999 12:01 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> co mparison to Alpha 87A
>
> I've been following your discussion below. I've just installed an FT1000MP
> and an Acom2000. I'd appreciate a description of any special wiring
> required to operate QSK as its a feature I prefer to use when sending CW.
> Neither manual has much of a description of what's required.
>
> Any assistance would be appreciated.
>
> Regards,
> Neil King
> VE7CVM
>
> neil_king@...
>
>
>
>
>
> "O Donnell, Glenn D (Glenn)" <gdo@...> on 08/31/99 07:30:03 AM
>
> Please respond to acom-list@egroups.com
>
> To: "'acom-list@egroups.com'" <acom-list@egroups.com>
> cc: (bcc: Neil King/Scott Paper Ltd)
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co
> mparison to Alpha 87A
>

>
>
>
> I wasn't sure about the relay click because I almost always operate
> with the Heil headset on. I checked last night and yes, mine clicks
> but it's not annoying unless I use QSK. I guess I'm not a good enough
> CW op, because I very rarely use QSK. Because of this, I don't have a
> problem with the relay click. With the headset on, I can't even hear it.
>
> 73 de Glenn K3PP
>
> > ----------
> > From: W4ZW@...[SMTP:w4zw@...]
> > Reply To: acom-list@egroups.com
> > Sent: Monday, August 30, 1999 5:34 PM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> > comparison to Alpha 87A
> >
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> >
> > Jon Hamlet, W4ZW
> > Casey Key Island, FL
> >
> > "A little bit of paradise in the Gulf of Mexico"
> >
> >
> > > -----Original Message-----
> > > From: Barry Kutner [mailto:w2up@...]
> > > Sent: Monday, August 30, 1999 6:54 AM
> > > To: acom-list@egroups.com
> > > Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> > > comparison to Alpha 87A
> > >
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> > >
> > >
> <<Snip>>
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> ---
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>
>

90. [acom-list] Re: New ACOM 2000A Amplifier - Impressions and co mparison to Alpha 87A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-08-31 16:33:58 UTC
From: Turkisher Dan-CSLC82
Topic: 87 Message: 90

Neil:

I have exactly the same setup, works great! I don't work much CW and have found I can just hook up the RF cables and both the MP and Acom are fast enough to key at the speeds I use. If you're a hi speed CW op then you should add the extra control cables for true QSK.

The ACOM manual p. 8-9 describes how to use the MP to key the linear for QSK.

And the MP manual, p.67-68 describes the MP perspective. The BAND DATA jack pin 2 povides the keying for QSK. Note that your relay may need to be enabled/disabled (via S1001), depending on how you previously had it set up.

Good luck!

73
Dan
K0DAN

> -----Original Message-----
> From: Neil King [mailto:Neil_King@...]
> Sent: Tuesday, August 31, 1999 11:01 AM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: New ACOM 2000A Amplifier - Impressions and
> comparison to Alpha 87A
>
>
> I've been following your discussion below. I've just
> installed an FT1000MP
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> Neil King
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> neil_king@...
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> "O Donnell, Glenn D (Glenn)" <gdo@...> on 08/31/99 07:30:03 AM
>
> Please respond to acom-list@egroups.com
>
> To: "'acom-list@egroups.com'" <acom-list@egroups.com>
> cc: (bcc: Neil King/Scott Paper Ltd)
> Subject: [acom-list] Re: New ACOM 2000A Amplifier -
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> 73 de Glenn K3PP
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> > ----------
> > From: W4ZW@...[SMTP:w4zw@...]
> > Reply To: acom-list@egroups.com
> > Sent: Monday, August 30, 1999 5:34 PM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: New ACOM 2000A Amplifier -
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> > Jon Hamlet, W4ZW
> > Casey Key Island, FL
> >
> > "A little bit of paradise in the Gulf of Mexico"
> >
> >
> > > -----Original Message-----

> > > From: Barry Kutner [mailto:w2up@...]
> > > Sent: Monday, August 30, 1999 6:54 AM
> > > To: acom-list@egroups.com
> > > Subject: [acom-list] Re: New ACOM 2000A Amplifier -
> Impressions and
> > > comparison to Alpha 87A
> > >
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> > >
> <<Snip>>
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>

91. [acom-list] Re: QSK with the FT-1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-01 22:36:45 UTC
From: AA1ND@aol.com
Topic: 84 Message: 91

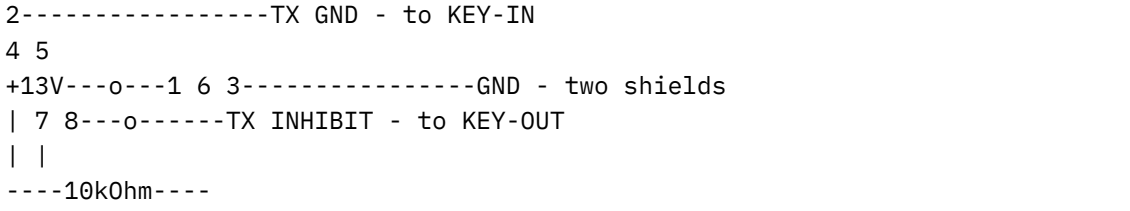
Hi Neil,
I am glad that you are happy with ACOM 2000A so far.....
This is a detailed answer on your Q: QSK with the FT1000MP:

Here is the information you may need to connect properly your FT1000MP to the ACOM2000A for QSK operation in order to get best results.

1. You will need the following materials to prepare a control cable:

- a piece of two-lead shielded (audio) cable, maximum 3m/11ft long,
- a resistor 10kOhm 0,125W,
- an male DIN-8 (8 pins) connector (mating to FT1000MP BAND DATA connector),
- two phono type (RCA, CINCH) connectors (mating to ACOM2000A KEY-IN and KEY-OUT connectors).

2. Look into the FT1000MP OPERATING MANUAL. Find the layout of the BAND DATA connector, located on the top-right corner of page 4. Note that the DIN-8 connector pins are numbered in a special order: not successively but as follows:



(DIN-8, as viewed from the transceiver's rear panel "BAND DATA" and from the sodering side of the male cable connector)

pin1 (+13V) - left from the center,
pin2 (TX GND) - on the top,
pin3 (GND) - right from the center,
pin4 (BAND DATA A, not used) - above pin 1,
pin5 (BAND DATA B, not used) - above pin 3,
pin6 (BAND DATA C, not used) - the central,
pin7 (BAND DATA D, not used) - below pin 1,
pin8 (TX INHIBIT) - below pin 3.

3. First solder the 10 kOhm resistor between pins 1 (+13V) and 8 (TX INHIBIT). This "pull-up" resistor is needed for FT1000MP in order to activate its "TX INHIBIT" input. Now, if you connect this DIN-8 connector to the BAND DATA, the transceiver wow'nt transmit until you pull pin 8 (TX INHIBIT) to the ground. This is what ACOM2000A does to enable transmitting selectively, when its antenna relay is in safe condition (steadily closed or open).

Before trimming the cable end, thread on it the DIN-8 protective cap. Solder cable shields together and then to pin 3 (GND). Solder one of the active leads to pin 8 (together with one of the resistor leads). Mark the other end of this active lead as KEY-OUT. Solder the second active lead to pin 2 (TX GND). Mark its second end as KEY-IN. Keep track on all parts and leads to be well insulated when assembling DIN-8 protective cap in order not to make any short connection between pins.

Split the second cable end and thread the two phono connector accessories. Solder the active KEY-IN and KEY-OUT leads to the central pins and their shields to the outer connector rings. Assembly the connector's protective caps and your control cable is ready.

4. Before connecting or disconnecting cables always switch off both the transceiver and the amplifier.

Look in the FT1000MP OPERATING MANUAL. Find the Rear Panel Controls & Connectors on page 19/20.

Slide the LIN switch (21), located in a slot on the FT1000MP rear panel, to the OFF position. This will disable the internal TX GND relay of the transceiver and your QSK-CW timing will get better. Using this mode is possible as the amplifier's input KEY-IN is sensitive enough and does not require any relay buffering.

Connect the DIN8 connector of the prepared control cable to the BAND DATA (16) connector of FT1000MP.

Now look in the ACOM2000A OPERATING MANUAL. Find Fig.2-2 "Connections" on page 8. Connect the cable KEY-IN and KEY-OUT to the same name connectors (d) and (e) of the amplifier (bottom left corner as seen from rear). See also the respective pagraphs (d) and (e) on page 9.

5. Now you can use the QSK feature of both FT1000MP and ACOM2000A with maximum switching safety and timing quality. You don't need doing anything more and the following information is only intended to give some additional technical information about ACOM2000A KEY-IN and KEY-OUT signals.

a) The KEY-IN socket on the rear panel is the antenna relay transmit/receive control input of the amplifier.

When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground).

The electrical specifications for the respective transceiver's output are: -
switching voltage (open circuit) minimum 12V;
- switching current (closed circuit) minimum 12mA;
- voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

FT1000MP output exceeds all of them.

You can control the KEY-IN signal in two different ways.

The preferred mode is to connect the KEY-IN socket with a shielded cable to the transceiver's output which goes to ground on transmit. The FT1000MP corresponding output is named TX GND (pin 2 of BAND DATA connector) and its electrical specifications exceed the needs without any buffering.

You don't need using the followign second way with FT1000MP. It may be useful with any old type transceiver which may have not a suitable output, providing the "ground on transmit" output signal. Connect with a shielded cable the PTT or CW keyer contact to the amplifier rear panel KEY-IN socket. Then connect with a shielded cable the amplifier rear panel KEY-OUT socket to the PTT or CW-KEY transceiver input. In this mode the amplifier will just pass directly the PTT or keyer signal to the transceiver when not powered and in STBY. In OPERATE mode it will follow it always when the antenna relay and/or band switch are in safe position and will disable transmitting during their motion or any risk situation.

Have in mind that the second way of transmit/receive control could be very useful also if a transceiver has improper sequency of its T/R signals. For instance, in some old type transceivers, the "ground on transmit" signal is late at beginning (RF power appears before it); or it competes at the end of transmission (disappears before RF power).

b) The KEY-OUT socket on the rear panel is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability of the amplifier and of the transceiver too. This output can be used in two cases:

- when your transceiver has the respective input to disable transmitting and the preferred connection of the KEY-IN socket is made - see (a). For FT1000MP this is the TX INHIBIT input (pin 8 of BAND DATA connector). We recommend that you connect it with a shielded cable to the KEY-OUT of the amplifier.

- when the second may of transmit/receive control is used with any old-type of transceiver - see (a).

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit this line is held to ground, When transmitting is not permissible the output is open (for instance when the antenna relay is in process of switching or the band switch is rotated).

The electrical specifications of the amplifier's output are: switching voltage capability (open circuit) up to +50V; switching current capability (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered and also in STANDBY mode this output is directly connected to the KEY-IN socket. Then the amplifier will return the "TX GND" signal back to the "TX INHIBIT" in order to enable transmitting.

In OPERATE mode the KEY-OUT signal will follow the incoming on the KEY-IN socket "TX GND" always when the antenna relay and/or band switch are in safe

position and will reject transmitting if any risk condition is detected.

Best 73! Vassil Vassilev, LZ1JK - ACOM OOD - Bulgaria
Krassy K1LZ - ACOM International , Inc. -USA

92. [acom-list] Re: QSK - ACOM 2000A ,FT1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-02 00:11:16 UTC
From: Neil King
Topic: 92 Message: 92

Vassil / Krassy,

Thanks to you both for a detailed and straightforward explanation of the advanced QSK hookup for the FT1000MP.

I'll let you know my results late next week after I've had a chance to put the cables together and give it a try.

In the few hours I have available outside of work, I'm having so much fun operating QRO that its hard to break away and make upgrades to the system!!!!

Next major project of course will be the installation and integration of the Acom2000SW remote antenna switch when it becomes available. I don't know whether I described the installation here, but it consists of a Cubex Mantis 40- II 5B4 with addt'l 30 meter elements. Essentially the setup runs 4 elements on 6 through 20 meters and 2 elements on 30 and 40 meters. Since I'm feeding each loop separately, the remote coax switch will be the icing on the cake. Currently I'm using a DX Engineering switch (5 to 1) which handles (non-automatically) 10 to 20. The 6, 30 and 40 meter runs are to the shack and are switched separately.

Once the Acom2000SW is available, I'll reconfigure the system to have 10 thru 40 off the switch as well as my 80 and 160 slopers. Operating should be a breeze with auto tune and auto antenna selection driven by the FT1000MP. At least that's the first part of the project. The second is setting up remote software so that I can control everything including my rotor system via PC and the Internet remote. I'd like to be able to operate the home atation from wherever I am as long as I have Internet access and my laptop!! Both the amp and coax switch appear tailormade for the type of installation I'm working towards here.

Ah well, back to work.

Thanks again for all the information.

Regards,

Neil
VE7CVM

AA1ND@... on 09/01/99 03:41:19 PM

To: Neil King/Scott Paper Ltd
cc:
Subject: QSK - ACOM 2000A ,FT1000MP

Hi Neil,
I am glad that you are happy with ACOM 2000A so far.....
This is a detailed answer on your Q: QSK with the FT1000MP:

Here is the information you may need to connect properly your FT1000MP to the
ACOM2000A for QSK operation in order to get best results.

1. You will need the following materials to prepare a control cable:

- a piece of two-lead shielded (audio) cable, maximum 3m/11ft long,

<<snip>>

.....

Best 73! Vassil Vassilev, LZ1JK - ACOM OOD - Bulgaria
Krassy K1LZ - ACOM International , Inc. -USA

93. [acom-list] Auto antenna selection?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-04 00:02:09 UTC
From: Barry Kutner
Topic: 93 Message: 93

HI Jim and Krassy:
Question for you guys...

On the high bands, I have more than one choice of antenna.
Naturally, the tuning is a bit different for each antenna. I know I can
set a default preset, then manually select another tune setting on
the RCU. Is there any way, via the Acom's RS232 port, to
automatically switch the preset selection from A1 to A2, for
example? My station is wired for automatic band/antenna switching
with Top Ten devices band decoder (Yaesu) and six-way switch. I
can switch between run (EU) and mult (south) antennas by flipping
a switch tied into the Top Ten boxes.

Thanks/Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

94. [acom-list] ACOM 2000S and ACOM2000SW

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-13 02:38:24 UTC
From: AA1ND@aol.com
Topic: 94 Message: 94

Hi ,
This E mail is to inform every body who have ACOM 2000A amplifier ,that the first shipment of ACOM2000S- Automatic antenna selector and ACOM2000SW -Remote Antenna Switch in US is made. This units are available for immediately shipment from ACOM International. For order phone : 978 440 7555 Fax :978 440 9008 or in the net at : www.hfpower.com
The automatic antenna selector ACOM2000S and the remote antenna switch ACOM2000SW are offered and could be separably and/or together purchased. Either, could be standalone used in other than ACOM's automatized systems thanks to the simple 4-bit parallel BCD control code used between the two units. They only change 1 out of 10 antennas under computer and/or manual control and care about anti-hot switching self-protection.

Best 73 Krassy K1LZ ACOM Internasional , Inc- USA 09/13/99
E mail :info@...

95. [acom-list] acom2000s , acom2000sw

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-18 18:57:58 UTC
From: AA1ND@aol.com
Topic: 95 Message: 95

Hi Neil,
Do you receive your ACOM2000S and ACOM 2000SW .
I wont to tell you that the Automatic ANT. Selector is set up for a Mains
AC 240 V
You can use this that way or you have to open the selector and rearrange the
jumpers for 120 V. AC.
If you have any Q. regarding the set up please call me at 978 440 7555
Krassy k1LZ

96. [acom-list] Incentive for Early Purchase Ends Sept. 27, 1999

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-22 12:28:08 UTC
From: Jim Idelson
Topic: 96 Message: 96

Thanks to all of you who have made early purchases of
the ACOM 2000A. Please let others who may be considering
buying an amp know that the introductory discount ends this
coming Monday, September 27, 1999.

Regards,

Jim K1IR

HF POWER PRODUCTS FOR THE NEW MILLENIUM

Jim Idelson
ACOM International, Inc.
157 Horse Pond Road
Sudbury, Massachusetts USA 01776

tel 978.440.7555
fax 978.440.9008
pager 800.362.0156
email jidelson@...
web http://www.acom-intl.com

97. [acom-list] Re: Incentive for Early Purchase Ends Sept. 27, 1999

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-22 23:09:07 UTC
From: AA1ND@aol.com
Topic: 96 Message: 97

Jim
Gerry will be here at 8PM

98. [acom-list] Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-23 20:05:41 UTC
From: Ted Demopoulos
Topic: 98 Message: 98

Hi,

Anyone (successfully) using the ACOM amp with a ICOM 706MKII???

Besides lotsa Arc faults, the ACOM likes to tell me that the reflected power is too high (over 500 watts). This when I have the Icom cranked down to 5 watts out, and an SWR of about 1.5-2.5:1. This is more of a problem on 80 and 40 meters - high bands seem OK (except for Arc faults).

Yes, Everything is grounded well.

Have tried two different control lines, one with and one without a relay.

ACOM works great with my Kenwood 930
Commander Amp works great with the Icom.

I suspect there is something strange coming out of the ICOM (but don't have a scope to check it).

Thanks in advance es 73

Ted, KR1G - and yes, I love my ACOM!!

99. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-23 21:40:26 UTC
From: Howard Klein
Topic: 98 Message: 99

Ted,

Does the 706 have an automatic tuner? If so you need to disable it. Just a thought.

Howard, K2HK

---

100. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-23 22:14:58 UTC
From: Richard Thorne
Topic: 98 Message: 100

Ted:

What kind of antenna switch are you using? I have ARC faults all of the time on 10,15 and 20. It turns out that its the kachina interface that controls my Ameritron RCS-8V coax switch. As soon as I put in the supplied Ameritron control head my problem went away. I'm guessing that rf is getting into the Kachina switch/rotor controller (model 505ARX) and causing the relays to chatter a bit. Thus making the Acom think its not seeing a good load.

I didn't have this problem at 500 watts out, but now that I've gone to 1500 watts out, I've introduced new rf problems.

Ted Demopoulos wrote:

> Hi,
>
> Anyone (successfully) using the ACOM amp with a ICOM 706MKII???
>
> Besides lotsa Arc faults, the ACOM likes to tell me that the reflected
> power is too high (over 500 watts). This when I have the Icom cranked
> down to 5 watts out, and an SWR of about 1.5-2.5:1. This is more of a
> problem on 80 and 40 meters - high bands seem OK (except for Arc
> faults).
>
> Yes, Everything is grounded well.
>
> Have tried two different control lines, one with and one without a
> relay.
>
> ACOM works great with my Kenwood 930
> Commander Amp works great with the Icom.
>
> I suspect there is something strange coming out of the ICOM (but don't
> have a scope to check it).
>
> Thanks in advance es 73
>
> Ted, KR1G - and yes, I love my ACOM!!
>
> ---
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

101. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-24 09:13:03 UTC
From: LY2BTA
Topic: 98 Message: 101

Hello Ted,

It was a same story here when I was using Alinco DX-70 with my ACOM 2000A

73! Andy LY2BTA

At 16:05 1999.09.23 -0400, you wrote:
>Hi,
>
>Anyone (successfully) using the ACOM amp with a ICOM 706MKII???
>
>Besides lotsa Arc faults, the ACOM likes to tell me that the reflected
>power is too high (over 500 watts). This when I have the Icom cranked
>down to 5 watts out, and an SWR of about 1.5-2.5:1. This is more of a
>problem on 80 and 40 meters - high bands seem OK (except for Arc
>faults).
>
>Yes, Everything is grounded well.
>
>Have tried two different control lines, one with and one without a
>relay.
>
>ACOM works great with my Kenwood 930
>Commander Amp works great with the Icom.
>
>I suspect there is something strange coming out of the ICOM (but don't
>have a scope to check it).
>
>Thanks in advance es 73
>
>Ted, KR1G - and yes, I love my ACOM!!
>
>
>
>
>--
>To unsubscribe, send an empty message to:
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>
>
>

102. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-24 14:52:53 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 98 Message: 102

The 706 does NOT have an autotuner built in. It needs an external unit
that connects to a Molex connector on the rear of the 706.

What's Ted's problem? I don't recall reading it on the reflector, but I'd
like to help if I'm capable of doing so.

73 de Glenn K3PP
(proud 2000A owner at home with a 706MkII in K3PP/M)

> ----------
> From: Howard Klein[SMTP:howk2@...]
> Reply To: acom-list@egroups.com
> Sent: Thursday, September 23, 1999 5:40 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: Acom and ICOM 706MKII woes
>
> Ted,
>
> Does the 706 have an automatic tuner? If so you need to disable it. Just a
>
> thought.
>
> Howard, K2HK
>
> _____
>
> ---
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com
>
>

103. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-24 15:15:03 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 98 Message: 103

Oops! I'm reading me email in the wrong order, SRI. <:-(
Ignore my previous question!

According to the 2000A manual, the Arc Fault is from something intermittent on the output. I had this problem on a 75m dipole at full steam, but 1000W was OK. I'm going to rework the dipole this weekend. I suspect two conductors are too close at the feedpoint (a real Rube Goldberg attachment, I regret to admit) and the RF is indeed probably arcing across this gap.

It's good to find this stuff out now, instead of during the upcoming contest season! I never ran high power before the 2000A and I've discovered all sorts of design flaws and shoddy construction in my antenna/feed/switching system as a result. The 2000A is truly a good piece of "test equipment" for smoke testing your system!

Does the Commander push full power, too? Of course, the fact that the Acom works with the Kenwood blows my above theory.

Here's something to check. I'll do the same with my 706 when I remove it from the old Toyota truck for a contest in a few weeks. I've heard reports of certain Icom equipment transmitting a huge, but very short spike. My buddy K3II has a first generation 775DSP that did this and wreaked havoc with his 87A until he got the 775 repaired. Your 706 might have the same problem. It probably wouldn't bother a manual tune amp like the Commander, but the 2000A and 87A are smart enough to detect this as bad news and they complain about it.

A good wattmeter on the output of the 706 could show this spike. Normal drive to the 2000A for full soup is around 50W, but the spike can jump over 100W for that short burst. God knows what the 2000A's output is at that point, but reflected power, even for a modest SWR, could go above 500W easily and the Acom will kick out.

Just a theory, but one with some merit based on past Icom experience.

73 de Glenn K3PP

> ----------
> From: Ted Demopoulos[SMTP:ted@...]
> Reply To: acom-list@egroups.com
> Sent: Thursday, September 23, 1999 4:05 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Acom and ICOM 706MKII woes
>
> Hi,

>
> Anyone (successfully) using the ACOM amp with a ICOM 706MKII???
...

104. [acom-list] Acom and IC-706II

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-24 15:25:21 UTC
From: Gene @. Williamson
Topic: 104 Message: 104

The Icom IC-706MkII puts out an initial keydown spike that can go as high as 120~150 watts -- even if you have the power set at 5 watts out. I suspect this is the problem. To confirm that, apply a constant negative ALC voltage, using a 9V battery and potentiometer (you can get a diagram from ICOM, or I've got one somewhere). With a constant ALC, there's no initial spike. My '706II faults an IC-2KL amp every time; it's usable with older Clipperton L and sweep-tubers which are specced for up to 150w input.

73 Gene K7dBV <genewill@...>

105. [acom-list] Re: Acom and ICOM 706MKII woes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-25 14:50:09 UTC
From: ted demopoulos
Topic: 98 Message: 105

Thanks everyone for the responses!

No, there is no auto ant tuner in in the Icom.

And I've tried putting the coax straight to the amp - no switches etc, yet I still have big problems on at least 2 bands (40 and 80), where I have fairly new antennas and coax (less than one year old).

Its curious that the Icom706MKII works ok with the Commander (which is a full power amp).

I think the most logical assumption right now is that there is a power spike coming out of the Icom.

I haven't yet had time to play with this (using a battery and pot applied to the ALC or perhaps a more sensitivw wattmeter than I own)

73

Ted, KR1G

---

106. [acom-list] The brick test

Yahoo group: acom-list (1999 — 2009)
Date: 1999-09-27 01:19:45 UTC
From: Barry Kutner
Topic: 106 Message: 106

Hi all - A little post-contest anecdote I thought you'd enjoy...

This weekend I operated the CQWW RTTY test. The Acom 2000A
got quite a workout - about 36 hours of almost full duty cycle
RTTY. The case barely got warm, and all is well.

Funny thing - I kept getting packet talk messages from W2YC all
weekend asking me how the amp was holding up. I told him fine,
and asked why he kept asking. He has an amp on order! (#7 here
in FRC-land, I believe)

73 Barry
BTW, I blew away the previous SOA record (but I'm sure others did
too).
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

107. [acom-list] ACOM 2000 with Yaseu FT 1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-16 03:47:20 UTC
From: gig38@aol.com
Topic: 107 Message: 107

I anxiously await delivery of my ACOM 2000 next week. Will greatly appreciate any comments, suggestions or recommendations regarding using an FT1000MP with the ACOM for QSK CW as well as other info you care to share about the amp and or FT1000MP/ACOM combo.

Thanks & 73,
Jack W0UCE
Raleigh, NC

108. [acom-list] TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 18:36:09 UTC
From: Robert Naumann
Topic: 108 Message: 108

I've read some of the archived messages and there was a reference to TVI problems with the 2000A.

Are there other users that have experienced this problem ?

Also, I'm seriously considering buying one of these things but I'm concerned about being able to "throttle it down". What I mean is that I don't always want to run legal limit and often run 500 watts or so out. Is it easy to do this with the Acom ?

Is it simply a matter of backing off on the drive ?

My manual tuned Alpha and the Titan that I used to have needed to be tuned differently as I increased drive power. Does the Acom care ?

73,
Bob

Robert E. Naumann
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <gig38@...>
To: <acom-list@...>
Sent: Saturday, October 16, 1999 03:47
Subject: [acom-list] ACOM 2000 with Yaseu FT 1000MP

> I anxiously await delivery of my ACOM 2000 next week. Will greatly
> appreciate any comments, suggestions or recommendations regarding using
> an FT1000MP with the ACOM for QSK CW as well as other info you care to
> share about the amp and or FT1000MP/ACOM combo.
>
> Thanks & 73,
> Jack W0UCE
> Raleigh, NC
>
>
> --
> To unsubscribe, send an empty message to:
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>
>
>

109. [acom-list] SV: TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 19:24:54 UTC
From: Rune Wande
Topic: 109 Message: 109

Hi Bob! If someone has run into TVI-problems while using the ACOM amp I doubt that the problem is caused by the amp being an ACOM. I luckily have no immediate

110. [acom-list] Re: [Acom-list] TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 19:57:38 UTC
From: W4ZW@home.com
Topic: 108 Message: 110

I have both the Alpha 87A and the ACOM 2000A. The ACOM is an excellent amp but it is not as TVI free as the Alpha. I have never had TVI in my own house (DSS Sat/VCR's everywhere) with the Alpha, but I now have TVI both in my TV's and in my alarm system. I have cured most of them using traditional techniques, but have a neighbor who now has some interference when I use the ACOM.

I also have the Yaesu FL-7000 which was always TVI free as well.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: Robert Naumann [mailto:n5nj@...]
> Sent: Sunday, October 17, 1999 2:36 PM
> To: acom-list@egroups.com
> Subject: [acom-list] TVI Problems ?
>
>
> I've read some of the archived messages and there was a reference to TVI
> problems with the 2000A.
>
> Are there other users that have experienced this problem ?
>
> Also, I'm seriously considering buying one of these things but
> I'm concerned
> about being able to "throttle it down". What I mean is that I
> don't always
> want to run legal limit and often run 500 watts or so out. Is it
> easy to do
> this with the Acom ?
>
> Is it simply a matter of backing off on the drive ?
>
> My manual tuned Alpha and the Titan that I used to have needed to be tuned
> differently as I increased drive power. Does the Acom care ?
>
> 73,
> Bob
>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE

> ----- Original Message -----
> From: <gig38@...>
> To: <acom-list@...>
> Sent: Saturday, October 16, 1999 03:47
> Subject: [acom-list] ACOM 2000 with Yaseu FT 1000MP
>
>
> > I anxiously await delivery of my ACOM 2000 next week. Will greatly
> > appreciate any comments, suggestions or recommendations regarding using
> > an FT1000MP with the ACOM for QSK CW as well as other info you care to
> > share about the amp and or FT1000MP/ACOM combo.
> >
> > Thanks & 73,
> > Jack W0UCE
> > Raleigh, NC
> >
> >
> > --
> > To unsubscribe, send an empty message to:
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> >
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> --
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com
>
>

111. [acom-list] Re: TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 20:41:12 UTC
From: Turkisher Dan-CSLC82
Topic: 108 Message: 111

Bob:

My Acom & I have had no problems with TVI.

I find that about 40 watts will provide full legal limit. I have had no adverse effects from backing off the drive to reduce the amplifier's output.

73

Dan
K0DAN

> -----Original Message-----
> From: Robert Naumann [mailto:n5nj@...]
> Sent: Sunday, October 17, 1999 1:36 PM
> To: acom-list@egroups.com
> Subject: [acom-list] TVI Problems ?
>
>
> I've read some of the archived messages and there was a
> reference to TVI
> problems with the 2000A.
>
> Are there other users that have experienced this problem ?
>
> Also, I'm seriously considering buying one of these things
> but I'm concerned
> about being able to "throttle it down". What I mean is that
> I don't always
> want to run legal limit and often run 500 watts or so out.
> Is it easy to do
> this with the Acom ?
>
> Is it simply a matter of backing off on the drive ?
>
> My manual tuned Alpha and the Titan that I used to have
> needed to be tuned
> differently as I increased drive power. Does the Acom care ?
>
> 73,
> Bob
>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE

> ----- Original Message -----
> From: <gig38@...>
> To: <acom-list@...>
> Sent: Saturday, October 16, 1999 03:47
> Subject: [acom-list] ACOM 2000 with Yaseu FT 1000MP
>
>
> > I anxiously await delivery of my ACOM 2000 next week. Will greatly
> > appreciate any comments, suggestions or recommendations
> regarding using
> > an FT1000MP with the ACOM for QSK CW as well as other info
> you care to
> > share about the amp and or FT1000MP/ACOM combo.
> >
> > Thanks & 73,
> > Jack W0UCE
> > Raleigh, NC
> >
> >
> >
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>

112. [acom-list] Re: TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 21:47:27 UTC
From: Valeri Stefanov
Topic: 108 Message: 112

Hi Bob,

I am a proud owner of an ACOM since 9th of Oct.99,but
I have had a chance to operate ACOM amplifiers since the time
it was developed as prototype by LZ1JK and the gang here in LZ.
Currently my 20m dipole is just 80cm from one cable TV
line and 100cm from another cable TV operator's line at 28m
high roof. (here cable TV lines run on the roofs).
(Living in the center of the city does not allow me to put other
antennas at this place. Purchased a new contest QTH recently
30km away from the city).
For one week of regular operation on 20m - NOT a single
TVI complaint !!! I use a special semi automatic Tuner
made for me by LZ1OM capable to stand 2.5 kw out to
tune the 20m dipole on all other bands beside 160m and still
NO TVI with full legal power !!!

Reducing the power output of your transceiver will allow you
to operate ACOM at any desired output level without a need
to touch anything else.

Hope you will soon join the ACOM gang !

Cu & 73
Wally LZ2CJ

Robert Naumann wrote:

> I've read some of the archived messages and there was a reference to TVI
> problems with the 2000A.
>
> Are there other users that have experienced this problem ?
>
> Also, I'm seriously considering buying one of these things but I'm concerned
> about being able to "throttle it down". What I mean is that I don't always
> want to run legal limit and often run 500 watts or so out. Is it easy to do
> this with the Acom ?
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> differently as I increased drive power. Does the Acom care ?
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> 73,
> Bob
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> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: <gig38@...>
> To: <acom-list@...>
> Sent: Saturday, October 16, 1999 03:47
> Subject: [acom-list] ACOM 2000 with Yaseu FT 1000MP
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113. [acom-list] Re: TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 20:59:12 UTC
From: Igor Booklan
Topic: 108 Message: 113

I've been playing my ACOM since June and had NO problems with another 72 neighbours of my block of flats.

73s, Harry RA3AUU

114. [acom-list] ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-17 23:11:43 UTC
From: AA1ND@aol.com
Topic: 114 Message: 114
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Robert ,
I think I have to answer regarding TVI problems experienced from Jon Hamlet W4ZW . In order to do this I will attach a PDF file with ACOM measurements for Spurious Emissions and Intermodulation in dB relative to 1.5 kW. PEP.
I will only say that no other amplifier have better conformance to FCC requirements (97.307 and 97.317) and more clean signal.
Krassy K1LZ

115. [acom-list] ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 02:12:47 UTC
From: W4ZW@home.com
Topic: 114 Message: 115

Krassy,

Please don't get me wrong. I love my ACOM 2000. I'm simply reporting the facts here at my QTH. My installation is aggravated by the fact that I have a roof mounted tower. I have a flat roof at 43' and my tower and yagi's are above the station.

I have both my Alpha 87A and the ACOM available to either transceiver (FT-1000MP or FT-1000D) and any antenna. In a straight switch of antennas between the amps, I have TVI with the ACOM and none with the Alpha. The TVI is greatest on 80M, somewhat on 20, and marginal but noticeable on 15 and 10. Match on all antennas is 1.5:1 or better.

Maybe my ACOM has some leakage somewhere.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: AA1ND@... [mailto:AA1ND@...]
> Sent: Sunday, October 17, 1999 7:12 PM
> To: n5nj@...
> Cc: acom-list@egroups.com
> Subject: [acom-list] ACOM2000A
>
>
> Hi Robert ,
> I think I have to answer regarding TVI problems experienced from
> Jon Hamlet W4ZW . In order to do this I will attach a PDF file with ACOM
> measurements for Spurious Emissions and Intermodulation in dB relative to
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> Krassy K1LZ
>
>
> --
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>
>

116. [acom-list] Re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 04:02:33 UTC
From: Robert Naumann
Topic: 114 Message: 116

Based on all the evidence, or more accurately, the singularity of the evidence, perhaps there's something wrong with Jon's particular amplifier ?

It might be worth an investigation especially given that the amp from Colorado seems to behave in this installation.

Robert E. Naumann
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: W4ZW@... <w4zw@...>
To: <acom-list@egroups.com>; <n5nj@...>
Sent: Monday, October 18, 1999 02:12
Subject: [acom-list] ACOM2000A TVI

>
> Krassy,
>
> Please don't get me wrong. I love my ACOM 2000. I'm simply reporting the
> facts here at my QTH. My installation is aggravated by the fact that I
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> a roof mounted tower. I have a flat roof at 43' and my tower and yagi's
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> Maybe my ACOM has some leakage somewhere.
>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
>
> > -----Original Message-----
> > From: AA1ND@... [mailto:AA1ND@...]
> > Sent: Sunday, October 17, 1999 7:12 PM
> > To: n5nj@...
> > Cc: acom-list@egroups.com

> > Subject: [acom-list] ACOM2000A
> >
> >
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117. [acom-list] Re: re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 12:02:43 UTC
From: Jim Idelson
Topic: 114 Message: 117

Hi everybody,

While Jon is clearly experiencing increased problems with the ACOM, we should not jump to the conclusion that the problems are a result of spurious emissions. They probably are not.

The symptoms Jon describes point toward fundamental overload - particularly the interference he reports with an alarm system. Also, the close proximity of his antenna system makes the likelihood of fundamental overload very high.

I suspect one [or both] of two possible causes.
1. The ACOM may be putting out more power than the 87A.
2. The cabling to the ACOM may have some differences.

I would try the following tests:
1. Measure the output power from both amps with an external wattmeter. Set the ACOM to the same power level as the 87A and see if there is still a problem.
2. If the problem is still there only with the ACOM, move the ACOM into the EXACT same cabling that goes to the 87A and see if the problem is still there.

By the way, I have first-hand experience with this issue:

I augmented my station with an ACOM 2000A a few months ago. I replaced a lower power Kenwood TL922A. When I moved up to the ACOM, I did experience some new interference with the smoke detectors in our house. In fact, I just cleaned that problem up this weekend! It was most definitely a problem related to the increased power output of the ACOM - fundamental overload. The interference only occured when I transmitted on an 80 meter antenna that runs in close proximity to the house.

So . . . Jon's amp is probably working just fine. He needs to study how the interference is getting into devices in the houses, and use traditional techniques to reduce their EMI susceptibility.

I can probaly help with the alarm system, if necessary. The solutions are fresh in my mind!

73

Jim K1IR

> Based on all the evidence, or more accurately, the singularity of the evidence, perhaps there's something wrong with Jon's particular amplifier ?

It might be worth an investigation especially given that the amp from Colorado seems to behave in this installation.

Robert E. Naumann
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: W4ZW@...m <w4zw@...>
To: <acom-list@egroups.com>; <n5nj@...>
Sent: Monday, October 18, 1999 02:12
Subject: [acom-list] ACOM2000A TVI

> Krassy,
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>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
>
> > -----Original Message-----
> > From: AA1ND@... [mailto:AA1ND@...]
> > Sent: Sunday, October 17, 1999 7:12 PM
> > To: n5nj@...
> > Cc: acom-list@egroups.com
> > Subject: [acom-list] ACOM2000A
> >
> >
> > Hi Robert ,
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<

Jim

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James S. Idelson
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Sudbury, Massachusetts USA 01776

tel 978.443.5549
fax 978.443.2034
email jimi@...
web http://www.designet.com

118. [acom-list] ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 13:46:46 UTC
From: W4ZW@home.com
Topic: 114 Message: 118

I do have a wattmeter in the antenna line and it has a peak hold reading. Both amps are set to 1.5KW output as set by the meter. Both amps are cabled to the same 220v outlet which is less than 24" from either. They are both on the same copper strap ground buss which I use throughout the station. They are mounted in a custom built enclosure with the ACOM on the bottom and the Alpha 87A on top.

The 80M antenna just now is an 80M inverted Vee, and yes the alarm system problems surfaced when I first setup the station here primarily on 40 and 80. I used toroids plus good grounding originally to clear the alarm system.

Station is on the third floor with a ground buss running vertically down an electrical chase which is bonded to the steel in the house (lot of steel in this house since I am oceanfront and built for the impact zone even though I am set back 350' from the high tide mark.) HF antennas are all about 35-45' above the station on roof mounted towers. That puts the antennas at about 98' about sea level.

I will explore the possibility that I have a leaky coax switch in the line to the ACOM. The ACOM works great! I like it much better than the Alpha 87A, especially since it has the control head which is mounted right at the operating position. The amps are in their own cabinet about 5' away. I intend to fix the TVI using traditional techniques. My original post was intended to simply report the situation here using similar amps in just about the same configuration.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: Jim Idelson [mailto:jimi@...]
> Sent: Monday, October 18, 1999 8:03 AM
> To: acom-list@...
> Subject: [acom-list] Re: re: ACOM2000A TVI
>
>
> Hi everybody,
>
> While Jon is clearly experiencing increased problems with the ACOM, we
> should not jump to the conclusion that the problems are a result
> of spurious
> emissions. They probably are not.
>

> The symptoms Jon describes point toward fundamental overload -
> particularly
> the interference he reports with an alarm system. Also, the close
> proximity
> of his antenna system makes the likelihood of fundamental overload very
> high.
>
> I suspect one [or both] of two possible causes.
> 1. The ACOM may be putting out more power than the 87A.
> 2. The cabling to the ACOM may have some differences.
>
> I would try the following tests:
> 1. Measure the output power from both amps with an external
> wattmeter. Set the ACOM to the same power level as the 87A and
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> is still a problem.
> 2. If the problem is still there only with the ACOM,
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> when I transmitted on an 80 meter antenna that runs in close
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> So . . . Jon's amp is probably working just fine. He needs to
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> traditional techniques to
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> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: W4ZW@... <w4zw@...>
> To: <acom-list@egroups.com>; <n5nj@...>
> Sent: Monday, October 18, 1999 02:12
> Subject: [acom-list] ACOM2000A TVI
>
>
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> > Krassy,
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> > Jon Hamlet, W4ZW
> > Casey Key Island, FL
> >
> > "A little bit of paradise in the Gulf of Mexico"
> >
> >
> > > -----Original Message-----
> > > From: AA1ND@... [mailto:AA1ND@...]
> > > Sent: Sunday, October 17, 1999 7:12 PM
> > > To: n5nj@...

> > > Cc: acom-list@egroups.com
> > > Subject: [acom-list] ACOM2000A
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> > > Hi Robert ,
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> Jim
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> The Information Resource for Conferencing Professionals
> ---
> James S. Idelson
> President

> DesigNET International, Inc.
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> Sudbury, Massachusetts USA 01776
>
> tel 978.443.5549
> fax 978.443.2034
> email jimi@...
> web http://www.designet.com
>
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119. [acom-list] Re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 13:40:52 UTC
From: Paul Hellenberg K4JA
Topic: 114 Message: 119

One other option would be to use a coaxial ground. The long bus looks like a 1/4 wave or more on lots of bands. Use a piece of 213 with a .01 1KV cap at both ends. Connect only the amp or tuner. The .01 goes between the Center conductor and the shield. This is a old trick that was identified with a 2nd floor TVI compliant.

BTW my parents no dead use to live on Casey Key then in Osprey "Sorento Shores".

73 Paul

Paul Hellenberg K4JA ex W9JA KS9K
http://www.contesting.com/tours/W9JA/index.html
Callao, VA. in 2000

> I will explore the possibility that I have a leaky coax switch in the line
> to the ACOM. The ACOM works great! I like it much better than the Alpha
> 87A, especially since it has the control head which is mounted right at
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> operating position. The amps are in their own cabinet about 5' away. I
> intend to fix the TVI using traditional techniques. My original post was
> intended to simply report the situation here using similar amps in just
> about the same configuration.
>

120. [acom-list] re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 14:57:06 UTC
From: Jim Idelson
Topic: 114 Message: 120

Ok! This is good info. It brings to mind one other possibility. Based on your description of the GROUNDING, perhaps there is more ground-side RF flowing in the ACOM setup. Again, this could be related to the specific cabling and ground connections. Since it is a long way from your station to an earth ground, maybe it is possible that your ground path is doing some radiating?

Good luck!

Look forward to hearing what you find.

Jim

>

I do have a wattmeter in the antenna line and it has a peak hold reading. Both amps are set to 1.5KW output as set by the meter. Both amps are cabled to the same 220v outlet which is less than 24" from either. They are both on the same copper strap ground buss which I use throughout the station. They are mounted in a custom built enclosure with the ACOM on the bottom and the Alpha 87A on top.

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Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: Jim Idelson [mailto:jimi@designet.com]

> Sent: Monday, October 18, 1999 8:03 AM
> To: acom-list@eGroups.com
> Subject: [acom-list] Re: re: ACOM2000A TVI
>
>
> Hi everybody,
>
> While Jon is clearly experiencing increased problems with the ACOM, we
> should not jump to the conclusion that the problems are a result
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>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: W4ZW@... <w4zw@...>
> To: <acom-list@egroups.com>; <n5nj@...>
> Sent: Monday, October 18, 1999 02:12
> Subject: [acom-list] ACOM2000A TVI
>
>
> >
> > Krassy,
> >
> > Please don't get me wrong. I love my ACOM 2000. I'm simply
> reporting the
> > facts here at my QTH. My installation is aggravated by the fact that I
> have
> > a roof mounted tower. I have a flat roof at 43' and my tower and yagi's
> are
> > above the station.
> >
> > I have both my Alpha 87A and the ACOM available to either transceiver
> > (FT-1000MP or FT-1000D) and any antenna. In a straight switch
> of antennas
> > between the amps, I have TVI with the ACOM and none with the Alpha. The
> TVI
> > is greatest on 80M, somewhat on 20, and marginal but noticeable
> on 15 and
> > 10. Match on all antennas is 1.5:1 or better.
> >

> > Maybe my ACOM has some leakage somewhere.
> >
> > Jon Hamlet, W4ZW
> > Casey Key Island, FL
> >
> > "A little bit of paradise in the Gulf of Mexico"
> >
> >
> > > -----Original Message-----
> > > From: AA1ND@aol.com [mailto:AA1ND@...]
> > > Sent: Sunday, October 17, 1999 7:12 PM
> > > To: n5nj@...
> > > Cc: acom-list@egroups.com
> > > Subject: [acom-list] ACOM2000A
> > >
> > >
> > > Hi Robert ,
> > > I think I have to answer regarding TVI problems experienced from
> > > Jon Hamlet W4ZW . In order to do this I will attach a PDF file with
> ACOM
> > > measurements for Spurious Emissions and Intermodulation in
> dB relative
> to
> > 1.5 kW. PEP.
> > > I will only say that no other amplifier have better conformance to FCC
> > > requirements (97.307 and 97.317) and more clean signal.
> > > Krassy K1LZ
> > >
> > >
> > >
> --
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> <
>
>
>
> Jim
>
> ----------
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> ----------
> James S. Idelson
> President
> DesigNET International, Inc.
> 96 Morse Road
> Sudbury, Massachusetts USA 01776
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> tel 978.443.5549
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Jim

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121. [acom-list] Re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 15:12:07 UTC
From: W4ZW@home.com
Topic: 114 Message: 121

Thanks for the tip Paul. My home is built as a commercial building would be with a framework of steel. The entire steel frame is grounded and I doubt that the ground buss looks like w/l since each floor is bonded to the building frame. It is possible I could have a ground loop back through the antennas, but nothing in the setup ahs ever indicated that other than a little RF in some headphones which I attribute to coupling with the close proximity to the antennas just 45' away at 1.5KW. A toroid fixes that easily.

Casey key is a great place as I am sure you might remember. Sorrento Shores is just across the bay from me about 2 miles north. I bike and run the Casey Key Road often. Where did they live here? I'm on the south end just 1/2 mile North of the Jetty on the ocean side. I have my dock on the bay side of Island across the street from my house.

Thanks again for the tip.

Jon Hamlet, W4ZW
Casey Key Island, FL

"A little bit of paradise in the Gulf of Mexico"

> -----Original Message-----
> From: Paul Hellenberg K4JA [mailto:k4ja@...]
> Sent: Monday, October 18, 1999 9:41 AM
> To: acom-list@egroups.com
> Subject: [acom-list] Re: ACOM2000A TVI
>
>
> One other option would be to use a coaxial ground. The long bus
> looks like
> a 1/4 wave or more on lots of bands. Use a piece of 213 with a .01 1KV
> cap at both ends. Connect only the amp or tuner. The .01 goes
> between the
> Center conductor and the shield. This is a old trick that was identified
> with a 2nd floor TVI compliant.
>
> BTW my parents no dead use to live on Casey Key then in Osprey "Sorento
> Shores".
>
> 73 Paul
>
> Paul Hellenberg K4JA ex W9JA KS9K
> http://www.contesting.com/tours/W9JA/index.html
> Callao, VA. in 2000
>

122. [acom-list] Re: ACOM2000A TVI

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 15:10:32 UTC
From: Paul Hellenberg K4JA
Topic: 114 Message: 122

Hello Jon

I know the area sort of. I know it has changed a lot and I really never really
came down until they moved back to the main land. They moved down originally
in 1967 and I didn't come down for the 1st time until the early 1970's.
They and later I owned a building on 41 called Osprey plaza.

Everytime I saw you Casey key post I thought about writting you. Sorry it
went to the reflector. I think you may have some ground loops. In many
contest station invoirements Mine for instance. I found that ground loops
are a real problem. I have only grounded one source usually the Amps via
the method I discribed. It has really been sucessuff. I recentently sold
all my mono banders and when I get moved east, I plan to buy the 3 alphas or
Acom. That is why I am lurking around the Acom reflector.

73 Paul

> Thanks for the tip Paul. My home is built as a commercial building would
be
> with a framework of steel. The entire steel frame is grounded and I doubt
> that the ground buss looks like w/l since each floor is bonded to the
> building frame. It is possible I could have a ground loop back through
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> antennas, but nothing in the setup ahs ever indicated that other than a
> little RF in some headphones which I attribute to coupling with the close
> proximity to the antennas just 45' away at 1.5KW. A toroid fixes that
> easily.
>
> Casey key is a great place as I am sure you might remember. Sorrento
Shores
> is just across the bay from me about 2 miles north. I bike and run the
> Casey Key Road often. Where did they live here? I'm on the south end
just
> 1/2 mile North of the Jetty on the ocean side. I have my dock on the bay
> side of Island across the street from my house.
>
> Thanks again for the tip.
>
> Jon Hamlet, W4ZW
> Casey Key Island, FL
>
> "A little bit of paradise in the Gulf of Mexico"
>
>
> > -----Original Message-----

> > From: Paul Hellenberg K4JA [mailto:k4ja@...]
> > Sent: Monday, October 18, 1999 9:41 AM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Re: ACOM2000A TVI
> >
> >
> > One other option would be to use a coaxial ground. The long bus
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> > a 1/4 wave or more on lots of bands. Use a piece of 213 with a .01
1KV
> > cap at both ends. Connect only the amp or tuner. The .01 goes
> > between the
> > Center conductor and the shield. This is a old trick that was
identified
> > with a 2nd floor TVI compliant.
> >
> > BTW my parents no dead use to live on Casey Key then in Osprey "Sorento
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> >
> > 73 Paul
> >
> > Paul Hellenberg K4JA ex W9JA KS9K
> > http://www.contesting.com/tours/W9JA/index.html
> > Callao, VA. in 2000
> >
>
>
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>

123. [acom-list] Re: TVI Problems ?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 11:23:26 UTC
From: John Devoldere (ON4UN)
Topic: 108 Message: 123

Hi to all!

I have been reading the various e-mails and the comments about the ACOM and TVI.

Not one seems to mentions whether or not the TVI seems to be caused bu fundamental overload or by harmonics or spurii. The first thing to do when comparing the "new" situation with the "old one, is to compare apples with apples. If in the "old" situation, the power was 600 Watt, and now almost 2000 Watt, then it is very possible that TVI, caused by fundamental overload will be more apparent with the ACOM (close to 2000 Watt) than with the old 600 Watt amp. This has nothing to see with the cleanliness of the signal from the ACOM amp, it is just a fact that more power means more chances of fundamental overload problems.

Personally I have been using the Acom 2000 for about 16 months now, and in many major contests, and I have never sen any trace of TV ij any of the (too) many TV sets in the house, and I have never had a complaint from the neighbours.

John Devoldere, ON4UN

124. [acom-list] TVI ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-18 16:42:50 UTC
From: Atilano de Oms Sobrinho
Topic: 124 Message: 124

Hi Friends:

I have been using the ACOM 2000 since December 1998, during
contests and normal operation.
Till now I never had any TVI problems or other source of
interference.
I also have a Alpha 77 DX and Kenwood TL922 and I must say
that both are not causing any problem either.
I think the most important advantage of the ACOM 2000 is the
total automatic and remote control.
The automatic tuning is faster than anyone could expect.

Best 73

Oms PY5EG

125. [acom-list] frequency detect problem?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-20 19:47:50 UTC
From: Barry Kutner
Topic: 125 Message: 125

Hi all - Something odd happened this morning...
I was on 10m SSB, went to transmit, and nothing happened.
Looked at the RCU and the frequency read 1.750-1.775. I keyed
the mic, did an "hola" and still nothing. Flipped the OPR/STBY
switch to STBY, then back to OPR, tried again and everything was
fine.
Anybody else have anything like this happen? Maybe RF getting
into the amp? (though no probs previously on any band incl. 10)
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

126. [acom-list] Drive Power Requirements

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-30 23:00:36 UTC
From: Richard Thorne
Topic: 126 Message: 126

Hi:

Just curious what most of you are using for drive power and is it
constant from band to band and mode to mode.

Thanks.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

127. [acom-list] Re: Drive Power Requirements

Yahoo group: acom-list (1999 — 2009)
Date: 1999-10-30 23:05:15 UTC
From: GIG38@aol.com
Topic: 126 Message: 127

My Yaesu 1000 MP and Acom are single mode.... CW

Drive requirements for 1kw are:

Band / Drive in Watts
160/40 80/40 40/25 30/10 =250 Watts 20/50 17/60 15/50 12/50 10/40

73,
UCE

128. [acom-list] Acom and the cqww

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-01 16:04:32 UTC
From: Howard Klein
Topic: 128 Message: 128

I guess many of us got a chance to check out our new amps pretty thoroughly this test week end. I must say it worked like a charm at this QTH. Murphy could not get in the door.

Howard, K2HK

---

129. [acom-list] Re: Acom and the cqww

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-01 16:34:22 UTC
From: Richard Thorne
Topic: 128 Message: 129

R,R Howard:

Mine worked very well also.

Matter of fact the 2000a is turning out to be a nice piece of test equipment at the same time. It turned out that I had some antenna problems that a normal amp would not pick up. I had a very high swr on 15m that I was unaware of. I kept getting low power output on the amp and couldn't figure out why. Turns out I've had a high swr on that band in ssb only which will require me to adjust the driven element on the F12 C4XL.

I also had a big problem on 40 meters. Now my receiver would have caught this anyways, but its nice that the amp can shut itself off. One of the wires between my balun and driven element broke. Instant no receive. But, like I said the amp, protected itself and let me know there was a problem.

The balun has been fixed, and since 15 is ok on cw I'll worry about it later. See you all in Nov. SS CW this weekend.

Howard Klein wrote:

> I guess many of us got a chance to check out our new amps pretty thoroughly
> this test week end. I must say it worked like a charm at this QTH. Murphy
> could not get in the door.
>
> Howard, K2HK
>
> ~~~~~~
>
> ---~->
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> -- Talk to your group with your own voice!
> -- http://www.egroups.com/VoiceChatPage?listName=acom-list&m=1

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062

http://www.tcac.net/~rthorne/

130. [acom-list] Re: Acom and the cqww

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-01 16:42:31 UTC
From: Howard Klein
Topic: 128 Message: 130

Richard,

It sure made for lots of fun. I don't know abt seeing me this week end. I was lucky to get away with it once. Can't afford a divorce lawyer- HI1

73 de Howard

Howard M. Klein, K2HK
DXCC Honor Roll
359 Confirmed Countries
A1 Operators' Club

---

131. [acom-list] SSCW Observation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-10 05:41:03 UTC
From: Robert Naumann
Topic: 131 Message: 131

First, I started the SS late, had problems with my two-radio switching arrangement, and was depressed as I knew that at 25 minutes into the contest and I had zero qsos in the log, it was basically over.

I did operate somewhat aggressively for the next several hours, and the Acom was working well. A couple of times, I forgot to change antennas and it protected itself, and straightened me out. Later on, I had a strange occurrence where my amp shut down due to high-voltage being too low.

It shut down, the screen went dark and it said the high voltage was too low.

I restarted the amp and it only had a 32 second delay to go through. It completed, looked like it would start up OK, but then failed again saying high voltage too low, .09 kV.

I thought that I might have blown a fuse, but had not.

I decided to stop fooling around with it after wasting an hour of operating time and went back to using my host's Ameritron AL-1200.

About 3 hours later, I decided to try it again and this time it came on - no problem ! (?)

Is there a thermal cut-off in the transformer ? Elsewhere ?

I got a small fan, sat it behind the amp, blowing into the spot where the optional fan would be, and operated the rest of the contest without incident.

The temperature of the tubes measured anywhere from 30 to 60 C. It was somewhat warm in the shack Sunday afternoon, and while I was CQing a lot, the temp got up to 60.

Any idea what happened ?

73,
Bob

Robert E. Naumann
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

133. [acom-list] ACOM 2000A Wattmeter Information

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-11 13:28:49 UTC
From: Jim Idelson
Topic: 133 Message: 133

Many of you have asked about how the ACOM 2000A wattmeter works. Here is some information on this subject:

1. The amplifier's LED bar forward and reflected indicators show Peak Power.

The digital RCU wattmeter reads the same but at a lower rate (about one sample per second).

Therefore, in SSB and CW the LED bar is more useful. For metering purposes, use the digital readouts with long CW keydowns. The typical accuracy is ±10% when readings are in the 30-100% full-scale range. It shows negligible dependance on the real antenna VSWR.

2. Of course, the real output power to the antenna is always equal to the difference between the FORWARD and REFLECTED (LED bargraphs and digital readings, too).

For instance, at indicator readings of 1800W FORWARD and 300W REFLECTED, the real output power is 1500W. At very high VSWR (lack of antenna or a shortened antenna), the FORWARD and REFLECTED readings will be almost equal, while the real output power (their difference) will be practically zero.

3. Note that the REFLECTED and VSWR readings depend only on the antenna impedance. They are independent of amplifier actual tuning settings. If the antenna impedance is different from 50 Ohm pure resistive, the REFLECTED POWER bargraph will always indicate the reflected power presence (even at actual user tuning).

4. If you want to check the accuracy of the built-in wattmeter with an external one, please keep in mind the following considerations:

a) Due to the inevitable presence of some ripple in the HV rectifier, when the power is increased above a certain limit, the 100/120Hz pulses begin to modulate the output signal (because the plate RF peak reaches the DC supply).

Of course, if the output signal is modulated (even slightly as in the case, and even a long CW keydown instead of SSB is applied), the signal's Peak Power is greater than its Mean Power. Note which kind of power is indicated on the wattmeter you use (for instance, the very popular BIRD Model 43 reads Mean Power). As described above, at lowered mains voltage and at higher power levels, the difference can be increased unless a peak reading wattmeter is used.

b) The metering error of most Thru Line Wattmeters you may find on the market is very often well above ±10% f.s. The best models are ±(8-10)% and only the types using the substitution calorimetry method can have accuracy better than ±5% (they read Mean Power).

c) Anyway, up to 1700-1800W and good mains voltage, the maximum error in the built-in wattmeter should be less than ±10% if you would compare with a good Peak Power Wattmeter. Using a Mean Power Wattmeter, the difference could reach +10/-15% (because of the ripple) or exceed -20% in some conditions as described above.

5. Do not undertake on your own recalibration of the built-in wattmeter unless you are abslolutely sure about your external wattmeter and dummy load accuracy. The LOAD capacitor control during auto tuning procedure depends on the built-in wattmeter accuracy.

73,

Jim K1IR
ACOM International

134. [acom-list] Re: SSCW Observation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-13 00:57:33 UTC
From: Bob Naumann - N5NJ
Topic: 131 Message: 134

Perhaps my question got lost in the qrm.

Here's the question alone.

I had a strange occurrence where my amp shut down due to high-voltage being too low. The screen went dark and it said the high voltage was too low.

I restarted the amp and it only had a 32 second delay to go through. It completed the warm-up, looked like it would start up OK, but then failed again saying high voltage too low, .09 kV.

I thought that I might have blown a fuse, but had not. About 3 hours later, I decided to try it again and this time it came on - no problem ! (?) Is there a thermal cut-off in the transformer ? Elsewhere ?

What happened ?

Bob N5NJ

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: Robert Naumann <n5nj@...>
To: <acom-list@egroups.com>
Sent: Wednesday, November 10, 1999 05:41
Subject: [acom-list] SSCW Observation

> First, I started the SS late, had problems with my two-radio switching
> arrangement, and was depressed as I knew that at 25 minutes into the contest
> and I had zero qsos in the log, it was basically over.
>
> I did operate somewhat aggressively for the next several hours, and the Acom
> was working well. A couple of times, I forgot to change antennas and it
> protected itself, and straightened me out. Later on, I had a strange
> occurrence where my amp shut down due to high-voltage being too low.
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>
> I got a small fan, sat it behind the amp, blowing into the spot where the
> optional fan would be, and operated the rest of the contest without
> incident.
>
> The temperature of the tubes measured anywhere from 30 to 60 C. It was
> somewhat warm in the shack Sunday afternoon, and while I was CQing a lot,
> the temp got up to 60.
>
> Any idea what happened ?
>
> 73,
> Bob
>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
>
>
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>

135. [acom-list] Re: FWD: SSCW Observation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-13 01:43:06 UTC
From: Jim Idelson
Topic: 135 Message: 135

Bob,

I'm only guessing - it sounds like the amp protection circuits worked correctly. Possibly, the measurement that tripped the protection [yes, it could have been thermal] might not have returned to acceptable range in the short 32-second delay. I'll bet it would have come back to life within a few more minutes if you had given it a try.

73,

Jim K1IR

---------- Forwarded Message ----------

FROM: "Bob Naumann - N5NJ" <n5nj@...>
TO: <acom-list@egroups.com>
DATE: Sat, 13 Nov 1999 00:57:33 -0000

RE: [acom-list] Re: SSCW Observation

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Here's the question alone.

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What happened ?

Bob N5NJ

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
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To: <acom-list@egroups.com>
Sent: Wednesday, November 10, 1999 05:41
Subject: [acom-list] SSCW Observation

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> 73,
> Bob
>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
>
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136. [acom-list] Re: FWD: SSCW Observation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-13 02:02:30 UTC
From: Bob Naumann - N5NJ
Topic: 135 Message: 136

I actually tried it several times over the course of an hour or more after taking it apart and removing the transformer to see if I had blown a fuse and re-assembling it two or three times. I also checked to see if perhaps I did not have the main voltage taps set properly. I did have them set properly, and they're set for 240v. Afterwards, I monitored both the line voltage (mains) and the high voltage simultaneously (a very cool feature by the way). The line voltage was pretty steady at 240v or so(238 to 245). I don't recall the exact value of the HV but it was pretty steady too. From how little the HV dropped when in transmit, it appears as though the transformer is pretty well made.

It was not obvious to me that the amplifier was in a "protect mode" and it just appeared as though the High Voltage was missing. I certainly would have felt better if it said that it was in a "thermal protect mode" and to wait for it to cool down - for 15 minutes ? 30 minutes ?. I'm installing the 24v fan tomorrow.

What kind of thermal protection is in there and where is it ? Is it inside the transformer or is it external ?

I really thought that it was shot and I was going to have to ship it back.

Bob

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: Jim Idelson <idelson_j@...>
To: <acom-list@...>
Sent: Saturday, November 13, 1999 01:43
Subject: [acom-list] Re: FWD: SSCW Observation

Bob,

I'm only guessing - it sounds like the amp protection circuits worked correctly. Possibly, the measurement that tripped the protection [yes, it could have been thermal] might not have returned to acceptable range in the short 32-second delay. I'll bet it would have come back to life within a few more minutes if you had given it a try.

73,

Jim K1IR

---------- Forwarded Message ----------

FROM: "Bob Naumann - N5NJ" <n5nj@...>
TO: <acom-list@egroups.com>
DATE: Sat, 13 Nov 1999 00:57:33 -0000

RE: [acom-list] Re: SSCW Observation

Perhaps my question got lost in the qrm.

Here's the question alone.

I had a strange occurrence where my amp shut down due to high-voltage being too low. The screen went dark and it said the high voltage was too low.

I restarted the amp and it only had a 32 second delay to go through. It completed the warm-up, looked like it would start up OK, but then failed again saying high voltage too low, .09 kV.

I thought that I might have blown a fuse, but had not. About 3 hours later, I decided to try it again and this time it came on - no problem ! (?) Is there a thermal cut-off in the transformer ? Elsewhere ?

What happened ?

Bob N5NJ

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: Robert Naumann <n5nj@...>
To: <acom-list@egroups.com>
Sent: Wednesday, November 10, 1999 05:41
Subject: [acom-list] SSCW Observation

> First, I started the SS late, had problems with my two-radio switching
> arrangement, and was depressed as I knew that at 25 minutes into the contest
> and I had zero qsos in the log, it was basically over.
>
> I did operate somewhat aggressively for the next several hours, and the Acom
> was working well. A couple of times, I forgot to change antennas and it
> protected itself, and straightened me out. Later on, I had a strange
> occurrence where my amp shut down due to high-voltage being too low.
>
> It shut down, the screen went dark and it said the high voltage was too
> low.
>
> I restarted the amp and it only had a 32 second delay to go through. It
> completed, looked like it would start up OK, but then failed again saying
> high voltage too low, .09 kV.
>
> I thought that I might have blown a fuse, but had not.

>
> I decided to stop fooling around with it after wasting an hour of
operating
> time and went back to using my host's Ameritron AL-1200.
>
> About 3 hours later, I decided to try it again and this time it came on -
no
> problem ! (?)
>
> Is there a thermal cut-off in the transformer ? Elsewhere ?
>
> I got a small fan, sat it behind the amp, blowing into the spot where the
> optional fan would be, and operated the rest of the contest without
> incident.
>
> The temperature of the tubes measured anywhere from 30 to 60 C. It was
> somewhat warm in the shack Sunday afternoon, and while I was CQing a lot,
> the temp got up to 60.
>
> Any idea what happened ?
>
> 73,
> Bob
>
> Robert E. Naumann
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
>
>
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137. [acom-list] Re: FWD: SSCW Observation

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-13 19:19:11 UTC
From: Bob Naumann - N5NJ
Topic: 135 Message: 137

ACOM Devotees: I received the following note from Krassy, K1LZ. I've edited it somewhat, but this portion addresses my "problem". Krassy also called me on the telephone to discuss this problem. How's that for customer service ? I have some other comments at the end based on our telephone conversation.

Here's the email:
****
Hi Bob ,

This is very simple. When you install the transformer, there are several couplings which have to be plugged together very well. Please open the amplifier and
make sure the that the big white coupling near the rear panel is plugged together very well. Open it and check the pins inside. Some time the male pins push the female out and they no longer make
good contact.

What happened is you lost the HV totally because this transformer connection.

Just check the coupling and you will be OK!

Krassy K1LZ

****

Krassy also told me that there is no internal thermal cutoff in the transformer. I was guessing that this might be the case, but in fact, what happened was most likely related to the Molex primary voltage connector on the high voltage transformer. That transformer does not provide the voltage to the remainder of the amplifier. If the Molex connector was totally unplugged the result would be the same. In other words, the other, small transformer provides the balance of voltages to the amplifier.

Thanks Krassy !

73,
Bob

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

138. [acom-list] subscribe

Yahoo group: acom-list (1999 — 2009)
Date: 1999-11-17 14:23:39 UTC
From: Richard Thorne
Topic: 138 Message: 138

subscribe

139. [acom-list] Acom in ARRL 160 CW Contest

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-06 00:53:40 UTC
From: Jack
Topic: 139 Message: 139

First work out for my new Acom in the ARRL 160 CW contest - 949 QSO's. The amp performed without a flaw except I needed to increase the air flow space in my console to maintain temperature range. My fault not the Acom.

What a pleasure it was to run QRO and be heard. If we heard them, we worked them.

Also installed the QSK keying line between my Yaesu FT 1000MP and the ACOM as recommended in an earlier posting to eliminate using the MP relay and eliminate relay clicks. A great improvement that is simple to implement and it works like a charm.

Thanks Acom...

73
Jack W0UCE
Raleigh, NC

140. [acom-list] The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-14 21:17:45 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 140 Message: 140

Some time ago, someone posted here that he was having problems
with his Acom amp kicking out with ARC FAULT while using his Icom
IC-706MkII as an exciter. Many responded, including me, that it might
be due to the spikes that have become notorious from some Icom gear.
I don't recall what he did to solve the problem, but apparently, I am also
suffering from the same issue with my IC-775DSP.

My friend, and idol, K3II purchased an early model 775 and it has been
a nightmare for him. After several trips to Icom for repairs, and enough
money to buy a new mid-range rig, his seems to be OK. His was kicking
out his Alpha 87A and it was found to be due to the spikes from the 775.
We tested mine at the time, and it appeared OK.

Fast forward to August 1999. I bought my Acom amp and I was delighted
to finally join the big boys. I was on top of the world because I was now
jumping into pileups and kicking some serious butt! The first time I had an
opportunity to beat the amp up for an extended period was during the
Pennsylvania QSO Party in early October.

We used my QTH for the W3HA multi-multi and my 775/2000A combo
was the 40m/75m SSB station. It seemed to perform well at the start on
40m, but then it started kicking out on me. I blamed the 40m antenna we
were using. We had to reduce power anyway because of interstation QRM,
so the "problem" went away.

At this point, I wasn't sure what was going on. I had a lot of other
problems
since going to high power and most of them were due to sloppiness on my
part. I fried a 90-degree coax adapter, I hung the computer from too much
RFI, I had to rebuild the feedpoint for my 80m dipole, etc. All were fine
with
low power, but all of this extra RF required me to really tidy things up.
Suddenly, station design and construction is a whole new ball game!

Two weeks later, I'm in the CQWW SSB Contest and trying to make the
Top Ten SOA USA. Ten meters was the prime band, but my numbers
suffered on 10m because my 10m yagi is too high and ... the amp was
kicking out like crazy. I was able to S&P, but it was impossible to get
a run going. I switched in my Butternut vertical and it appeared to be OK.
I suspected trouble with my 10m yagi, which, of course, is at the very
top of the mast on my tower and any repairs will be difficult. While the
vertical seemed fine, it doesn't perform well enough to sustain a run on
a crowded band, even with high power.

After the contest, I did some testing on 10m. I ran Europeans on 10m
phone for over an hour and everything performed perfectly. Arrrggghhh!

My next real contest was CQWW CW. Here, 10m worked well, but
40 and 160 were nasty. My 40m dipole was trouble, but the Butternut
seemed to do well, so I used the vertical on 40m. The 160m problem
kept me from doing any more than 600W or so. I later found the 160m
problem was from another sloppy move on my part. Some crude wiring
I tried in my antenna switching was picking up RF and switching the
Top-Ten relay box in cadence with my CW! This was an easy fix.

This past weekend, I began the ARRL 10m Contest and the Acom kicked
out on almost every transmission with ARC FAULT. I reduced power and
kept going with little trouble. About 1.5 hours into the contest, my
computer
locked up and I lost my log, but that's another story. The amp problem got
worse. Since the contest was slowing down late Friday night, I dug into
the problem more. It appeared that I was getting those hideous spikes from
my 775. I have an Icom IC-736 as a standby rig, so I swapped out the 775.

Bingo! The Acom was able to put out full power without once complaining!
It's NOT my antennas. It's the multi-kilobuck 775 causing all of this!
Mine
is one of the "newer generation" that is supposed to be free from all of the
bugs in the early models. I used the 736 for the remainder of the contest.
The receiver is terrible compared to the 775, but at least I could TRANSMIT!
I did well for the time I put in, but my antenna is still too high. On 20m
and
15m, I'm an animal, but I often have to fight on 10m.

You learn something new every day! Now, if I get a lower 10m antenna,
I can take another shot at the Top Ten box in the ARRL DX contests.
In the meantime, I guess the 775 is going back to Icom for a tune-up.
Does anybody have any alternatives to shipping this thing back to Icom?
I'm really not thrilled about doing this if I can avoid it!

While I'm here, MERRY CHRISTMAS and HAPPY NEW YEAR to all
of my fellow radio nuts and their families! May you all survive the
apocalypse
and join me in the ARRL RTTY Roundup! :-)

73 de Glenn K3PP

141. [acom-list] New ACOM Amp?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-15 08:57:06 UTC
From: Larry Crim
Topic: 141 Message: 141

Just read in QST that an upcoming expedition to Pitcairn Island is going to be using a prototype of an Acom 1kw 160-6m amp.

Is this likely the next available product? Can someone tell us about it?

73,
Larry K4AB

142. [acom-list] SV: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-14 23:06:15 UTC
From: sm5ki
Topic: 142 Message: 142

Maybe this will help:

My IC 735 I had before worked fine barefoot on my windom antenna with a 30 meter coax. But as soon as I increased my power with a SB 1000 the whole setup became unstable. The windom is unsymmetrical so I suspected rf floating along the coax. Using a batterydriven fet voltmeter as a rf sniffer (it was very rf sensitive) I found rf all around the place including the microphone cable.
The shield of the coiled microphone acted as an antenna and it was grounded INSIDE THE RIG via some sort of very small choke. The short wire to the ground lug inside the panel radiated enough to inject rf into some low level stage at the output frequency and you got an oscillator at the peaks of my SSB.

The solution was very simple and it cured the problem 100%: What I did was grounding the cable shield on the outside of the panel: soldered a bare wire to the pin the shield was soldered to in the cable microphone contact. This wire was then simply clamped under the cable clamp. Voila, I never got this problem again.

I published my findings in our swedish magazine QTC and got reports from other IC 735 owners it cured their similar problem. Even owners of other ICOM models reported it cured instability in their set-up. Now, before trying this very simple and effective cure, check your schematic that you do not make any mistake - you may ground some vital part.

Let me hear if this at any help, will you?

Prosit de Hans SM5KI

>Från: "O Donnell, Glenn D (Glenn)" <gdo@...>
>Till: "'ACOM List'" <acom-list@egroups.com>
>Kopia: "'FRC'" <frc@...>
>Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)
>Datum: tis 14 dec 1999 21.17
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>Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)
>Datum: tis 14 dec 1999 21.17
>

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144. [acom-list] Re: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-15 03:29:58 UTC
From: ted demopoulos
Topic: 140 Message: 144

I was the one who posted about the probs. Was running an ICOM 706MKII to the ACOM, and getting lots of ARC FAULTS.

The suggested fix was to put a small negative voltage (approx 6volts, maybe a 9 volt battery and a resistor??) to the ALC of the ICOM.

Never tried it, instead I got my Kenwood back out of the shop and am using that with the ACOM - the baby ICOM was just a temporary situation.

73,
Ted, KR1G

>From: "O Donnell, Glenn D (Glenn)" <gdo@...>
>Reply-To: acom-list@egroups.com
>To: "'ACOM List'" <acom-list@egroups.com>
>CC: "'FRC'" <frc@...>
>Subject: [acom-list] The dreaded "Icom Spikes" (fairly long)
>Date: Tue, 14 Dec 1999 16:17:45 -0500
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145. [acom-list] Re: SV: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-15 04:18:19 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 142 Message: 145

Thank you Hans!

I'll look into this on my radio. I don't suspect this is MY problem, but
it's
interesting that Icom would have such a nasty design flaw like that.
You never know. I'll check mine.

I received some other suggestions that might lead me to a solution.
I'll be trying a few ideas over the next day or two and report back to the
list.

I wish you and your family a very happy holiday season!

73 de Glenn K3PP

> ----------
> From: sm5ki[SMTP:sm5ki@...]
> Reply To: acom-list@egroups.com
> Sent: Tuesday, December 14, 1999 6:06 PM
> To: acom-list@egroups.com; 'ACOM List'
> Cc: 'FRC'
> Subject: [acom-list] SV: The dreaded "Icom Spikes" (fairly long)
>
> Maybe this will help:
>
> My IC 735 I had before worked fine barefoot on my windom antenna with a 30
> meter coax. But as soon as I increased my power with a SB 1000 the whole
> setup became unstable. The windom is unsymmetrical so I suspected rf
> floating along the coax. Using a batterydriven fet voltmeter as a rf
> sniffer (it was very rf sensitive) I found rf all around the place
> including the microphone cable.
> The shield of the coiled microphone acted as an antenna and it was
> grounded
> INSIDE THE RIG via some sort of very small choke. The short wire to the
> ground lug inside the panel radiated enough to inject rf into some low
> level
> stage at the output frequency and you got an oscillator at the peaks of
> my
> SSB.
>
> The solution was very simple and it cured the problem 100%: What I did was
> grounding the cable shield on the outside of the panel: soldered a bare
> wire
> to the pin the shield was soldered to in the cable microphone contact.
> This
> wire was then simply clamped under the cable clamp. Voila, I never got

> this
> problem again.
>
> I published my findings in our swedish magazine QTC and got reports from
> other IC 735 owners it cured their similar problem. Even owners of other
> ICOM models reported it cured instability in their set-up. Now, before
> trying this very simple and effective cure, check your schematic that you
> do
> not make any mistake - you may ground some vital part.
>
> Let me hear if this at any help, will you?
>
> Prosit de Hans SM5KI
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> >73 de Glenn K3PP
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>
>

146. [acom-list] Re: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-15 04:21:49 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 140 Message: 146

Hi Ted,

Thanks for the ALC suggestion! Someone also suggested I fiddle
with the "Drive" control to see if that helps. That's a simple one that
I can do tomorrow. I hope that fixes it! It does sound reasonable that
the Drive control may be a contributing factor. If I'm overdriving the
rig's final stage, the output would be unstable and wreak havoc with
the amp.

Someday, I'll have to take my 706 out of my truck and try it on the
Acom to see how it behaves.

73 de Glenn K3PP

> ----------
> From: ted demopoulos[SMTP:kr1g@...]
> Reply To: acom-list@egroups.com
> Sent: Tuesday, December 14, 1999 10:29 PM
> To: acom-list@egroups.com
> Cc: frc@...
> Subject: [acom-list] Re: The dreaded "Icom Spikes" (fairly long)
>
> I was the one who posted about the probs. Was running an ICOM 706MKII to
> the
> ACOM, and getting lots of ARC FAULTS.
>
> The suggested fix was to put a small negative voltage (approx 6volts,
> maybe
> a 9 volt battery and a resistor??) to the ALC of the ICOM.
>
> Never tried it, instead I got my Kenwood back out of the shop and am using
>
> that with the ACOM - the baby ICOM was just a temporary situation.
>
> 73,
> Ted, KR1G
>
>
> >From: "O Donnell, Glenn D (Glenn)" <gdo@...>
> >Reply-To: acom-list@egroups.com
> >To: "'ACOM List'" <acom-list@egroups.com>
> >CC: "'FRC'" <frc@...>
> >Subject: [acom-list] The dreaded "Icom Spikes" (fairly long)
> >Date: Tue, 14 Dec 1999 16:17:45 -0500
> >
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> >
> >
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>
>
>
> -- Check out your group's private Chat room
> -- http://www.egroups.com/ChatPage?listName=acom-list&m=1
>
>

147. [acom-list] Re: New ACOM Amp?

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-14 23:05:22 UTC
From: John Devoldere (ON4UN)
Topic: 141 Message: 147

Yes, I know they should have this amp available soon.

73

John, ON4UN

----- Original Message -----
From: Larry Crim <k4ab@...>
To: <acom-list@egroups.com>
Sent: Wednesday, December 15, 1999 08:57
Subject: [acom-list] New ACOM Amp?

> Just read in QST that an upcoming expedition to Pitcairn Island is going
to
> be using a prototype of an Acom 1kw 160-6m amp.
>
> Is this likely the next available product? Can someone tell us about it?
>
> 73,
> Larry K4AB
>
>
>
>
> --
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>
>
>

148. [acom-list] Re: [FRC] The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-14 23:15:05 UTC
From: Tony Kazmakites
Topic: 140 Message: 148

I saw the same thing happen at V26B with the Alpha. What I do to get around that sort of problem is to use the +12V "transmit" signal that is available on the back of my Kenwood 950SDX and my Icom 751A. I use this signal to drive a power mosfet which in turn keys the amp. I have used both rigs with an Alpha and Acom without any problems that you are seeing. Not sure if this signal is available on all rigs. Not sure if the problem of spikes is caused by RF on the output of the rig before you get closure on the relay in the rig which is keying the amp.

Tony
N2TK/V26AK

-----Original Message-----
From: frc-owner@... [mailto:frc-owner@...]On
Behalf Of O Donnell, Glenn D (Glenn)
Sent: Tuesday, December 14, 1999 4:18 PM
To: 'ACOM List'
Cc: 'FRC'
Subject: [FRC] The dreaded "Icom Spikes" (fairly long)

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73 de Glenn K3PP

Sponsored by Bill Fisher, W4AN - K4AAA w4an@...

149. [acom-list] SV: SV: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-16 21:03:45 UTC
From: sm5ki
Topic: 149 Message: 149

```
----------

>

>Maybe this will help:
>
>My IC 735 I had before worked fine barefoot on my windom antenna with a 30
>meter coax. But as soon as I increased my power with a SB 1000 the whole
>setup became unstable. The windom is unsymmetrical so I suspected rf
>floating along the coax. Using a batterydriven fet voltmeter as a rf
>sniffer ( it was very rf sensitive ) I found rf all around the place
>including the microphone cable.
>The shield of the coiled microphone acted as an antenna and it was grounded
>INSIDE THE RIG via some sort of very small choke. The short wire to the
>ground lug inside the panel radiated enough to inject rf into some low level
>stage at the output frequency and you got an oscillator at the peaks of my
>SSB.
>
>The solution was very simple and it cured the problem 100%: What I did was
>grounding the cable shield on the outside of the panel: soldered a bare wire
>to the pin the shield was soldered to in the cable microphone contact. This
>wire was then simply clamped under the cable clamp. Voila, I never got this
>problem again.
>
>I published my findings in our swedish magazine QTC and got reports from
>other IC 735 owners it cured their similar problem. Even owners of other
>ICOM models reported it cured instability in their set-up. Now, before
>trying this very simple and effective cure, check your schematic that you do
>not make any mistake - you may ground some vital part.
>
>Let me hear if this at any help, will you?
>
>Prosit de Hans SM5KI
>----------
>>Från: "O Donnell, Glenn D (Glenn)" <gdo@...>
>>Till: "'ACOM List'" <acom-list@egroups.com>
>>Kopia: "'FRC'" <frc@...>
>>Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)
>>Datum: tis 14 dec 1999 21.17
>>
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>>While I'm here, MERRY CHRISTMAS and HAPPY NEW YEAR to all
>>of my fellow radio nuts and their families! May you all survive the
>>apocalypse
>>and join me in the ARRL RTTY Roundup! :-)
>>
>>73 de Glenn K3PP
>>
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>
>----------
>>Från: "O Donnell, Glenn D (Glenn)" <gdo@...>
>>Till: "'ACOM List'" <acom-list@egroups.com>
>>Kopia: "'FRC'" <frc@...>
>>Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)
>>Datum: tis 14 dec 1999 21.17
>>
>
>>Some time ago, someone posted here that he was having problems
>>with his Acom amp kicking out with ARC FAULT while using his Icom
>>IC-706MkII as an exciter. Many responded, including me, that it might
>>be due to the spikes that have become notorious from some Icom gear.
>>I don't recall what he did to solve the problem, but apparently, I am also
>>suffering from the same issue with my IC-775DSP.
>>
>>My friend, and idol, K3II purchased an early model 775 and it has been
>>a nightmare for him. After several trips to Icom for repairs, and enough
>>money to buy a new mid-range rig, his seems to be OK. His was kicking
>>out his Alpha 87A and it was found to be due to the spikes from the 775.
>>We tested mine at the time, and it appeared OK.
>>
>>Fast forward to August 1999. I bought my Acom amp and I was delighted
>>to finally join the big boys. I was on top of the world because I was now
>>jumping into pileups and kicking some serious butt! The first time I had an
>>opportunity to beat the amp up for an extended period was during the
>>Pennsylvania QSO Party in early October.
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>>We used my QTH for the W3HA multi-multi and my 775/2000A combo
>>was the 40m/75m SSB station. It seemed to perform well at the start on
>>40m, but then it started kicking out on me. I blamed the 40m antenna we
>>were using. We had to reduce power anyway because of interstation QRM,
>>so the "problem" went away.
>>
>>At this point, I wasn't sure what was going on. I had a lot of other
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>>since going to high power and most of them were due to sloppiness on my
>>part. I fried a 90-degree coax adapter, I hung the computer from too much
>>RFI, I had to rebuild the feedpoint for my 80m dipole, etc. All were fine
>>with
>>low power, but all of this extra RF required me to really tidy things up.
>>Suddenly, station design and construction is a whole new ball game!
>>
>>Two weeks later, I'm in the CQWW SSB Contest and trying to make the
>>Top Ten SOA USA. Ten meters was the prime band, but my numbers
>>suffered on 10m because my 10m yagi is too high and ... the amp was
>>kicking out like crazy. I was able to S&P, but it was impossible to get
>>a run going. I switched in my Butternut vertical and it appeared to be OK.
>>I suspected trouble with my 10m yagi, which, of course, is at the very
>>top of the mast on my tower and any repairs will be difficult. While the

>>vertical seemed fine, it doesn't perform well enough to sustain a run on
>>a crowded band, even with high power.
>>
>>After the contest, I did some testing on 10m. I ran Europeans on 10m
>>phone for over an hour and everything performed perfectly. Arrrggghhh!
>>
>>My next real contest was CQWW CW. Here, 10m worked well, but
>>40 and 160 were nasty. My 40m dipole was trouble, but the Butternut
>>seemed to do well, so I used the vertical on 40m. The 160m problem
>>kept me from doing any more than 600W or so. I later found the 160m
>>problem was from another sloppy move on my part. Some crude wiring
>>I tried in my antenna switching was picking up RF and switching the
>>Top-Ten relay box in cadence with my CW! This was an easy fix.
>>
>>This past weekend, I began the ARRL 10m Contest and the Acom kicked
>>out on almost every transmission with ARC FAULT. I reduced power and
>>kept going with little trouble. About 1.5 hours into the contest, my
>>computer
>>locked up and I lost my log, but that's another story. The amp problem got
>>worse. Since the contest was slowing down late Friday night, I dug into
>>the problem more. It appeared that I was getting those hideous spikes from
>>my 775. I have an Icom IC-736 as a standby rig, so I swapped out the 775.
>>
>>Bingo! The Acom was able to put out full power without once complaining!
>>It's NOT my antennas. It's the multi-kilobuck 775 causing all of this!
>>Mine
>>is one of the "newer generation" that is supposed to be free from all of the
>>bugs in the early models. I used the 736 for the remainder of the contest.
>>The receiver is terrible compared to the 775, but at least I could TRANSMIT!
>>I did well for the time I put in, but my antenna is still too high. On 20m
>>and
>>15m, I'm an animal, but I often have to fight on 10m.
>>
>>You learn something new every day! Now, if I get a lower 10m antenna,
>>I can take another shot at the Top Ten box in the ARRL DX contests.
>>In the meantime, I guess the 775 is going back to Icom for a tune-up.
>>Does anybody have any alternatives to shipping this thing back to Icom?
>>I'm really not thrilled about doing this if I can avoid it!
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>>While I'm here, MERRY CHRISTMAS and HAPPY NEW YEAR to all
>>of my fellow radio nuts and their families! May you all survive the
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>

150. [acom-list] SV: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-17 17:55:42 UTC
From: Rune Wande
Topic: 142 Message: 150

Hi glenn!
Always nice to read your stories but too bad you had such problems.
I hate things when something does not work. I hate troubleshooting ...
I've had the Acom since December 1998 and works fine. Using my
old TS940s and have never had any spike problems. Lights are
blinking too much so I usually run about 1 K output. That is the power
limit here in SM so why bother to run more, Hi!
I met Vasko LZ1JK in Friedrichshafen Germany at the Ham Radio
this past June. A nice guy but difficult to speak with as he did not speak
english. His wife spoke a little but my friend LZ1AF helped us out.
By the way, I just got a nice Xmas card from Vasco, the owner of Acom.
I wish you good luck with you setup and I hope that the troubles are
over now.
See you on the bands. In constests I nowadays use my new contest
call 7S5Q and for regular QSOs SM5COP. I also have KB1Q but I
do not get to use that very often although I have been to the USA five
times since May this year! Just quick business trips and does not
give me time to operate the ham bands or even visit any hams ...
Too bad! Anyway I got on the air for 26 QSOsa in October as KB1Q/9.
See you!
73 de Rune

-----Ursprungligt meddelande-----
Från: O Donnell, Glenn D (Glenn) <gdo@...>
Till: 'ACOM List' <acom-list@egroups.com>
Kopia: 'FRC' <frc@...>
Datum: den 14 december 1999 22:18
Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)

>Some time ago, someone posted here that he was having problems
>with his Acom amp kicking out with ARC FAULT while using his Icom
>IC-706MkII as an exciter. Many responded, including me, that it might
>be due to the spikes that have become notorious from some Icom gear.
>I don't recall what he did to solve the problem, but apparently, I am also
>suffering from the same issue with my IC-775DSP.
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>My friend, and idol, K3II purchased an early model 775 and it has been
>a nightmare for him. After several trips to Icom for repairs, and enough
>money to buy a new mid-range rig, his seems to be OK. His was kicking
>out his Alpha 87A and it was found to be due to the spikes from the 775.
>We tested mine at the time, and it appeared OK.
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>to finally join the big boys. I was on top of the world because I was now
>jumping into pileups and kicking some serious butt! The first time I had an

>opportunity to beat the amp up for an extended period was during the
>Pennsylvania QSO Party in early October.
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>We used my QTH for the W3HA multi-multi and my 775/2000A combo
>was the 40m/75m SSB station. It seemed to perform well at the start on
>40m, but then it started kicking out on me. I blamed the 40m antenna we
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>part. I fried a 90-degree coax adapter, I hung the computer from too much
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>Suddenly, station design and construction is a whole new ball game!
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>Top Ten SOA USA. Ten meters was the prime band, but my numbers
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>kicking out like crazy. I was able to S&P, but it was impossible to get
>a run going. I switched in my Butternut vertical and it appeared to be OK.
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>out on almost every transmission with ARC FAULT. I reduced power and
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>I can take another shot at the Top Ten box in the ARRL DX contests.
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>

151. [acom-list] Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 13:50:22 UTC
From: Bob Naumann - N5NJ
Topic: 151 Message: 151

I just received a rather attractive card from Vasco as well.

I presume all Acom owners are receiving these cards.

Nice touch !

Here's to Y2K !
73,
Bob N5NJ / V26O

(P.S. no spikes from my TS850SAT or FT847. Both rigs run the Acom
very well.)
(P.P.S. What's this new Acom amp being rumored ?)

Robert E. Naumann N5NJ@...
N5NJ / V26O
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
>>From: Rune Wande <cop@...>
>>To: <acom-list@egroups.com>
>>Sent: Friday, December 17, 1999 17:55
>>Subject: [acom-list] SV: The dreaded "Icom Spikes" (fairly long)
>>
>>
>>By the way, I just got a nice Xmas card from Vasco, the owner of
Acom.
>>I wish you good luck with you setup and I hope that the troubles are
>>over now.

152. [acom-list] Re: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 14:01:46 UTC
From: Barry Kutner
Topic: 151 Message: 152

Same here. I agree, nice touch!
73 es happy holidays,
Barry

On 18 Dec 99, Bob Naumann - N5NJ wrote:

> I just received a rather attractive card from Vasco as well.
>
> I presume all Acom owners are receiving these cards.
>
> Nice touch !
>
> Here's to Y2K !
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> Bob N5NJ / V26O
>
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> very well.)
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> Robert E. Naumann N5NJ@...
> N5NJ / V26O
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> >>From: Rune Wande <cop@...>
> >>To: <acom-list@egroups.com>
> >>Sent: Friday, December 17, 1999 17:55
> >>Subject: [acom-list] SV: The dreaded "Icom Spikes" (fairly long)
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> >>over now.
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

153. [acom-list] Re: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 16:11:52 UTC
From: Henry Ingwersen
Topic: 151 Message: 153

So did I! Very nice gesture, classy card!

Henry, KE1AC/TO0DX
-----Original Message-----
From: Barry Kutner <w2up@...>
To: acom-list@egroups.com <acom-list@egroups.com>
Date: Saturday, 18 December, 1999 9:01 AM
Subject: [acom-list] Re: Holiday cards from Acom

>Same here. I agree, nice touch!
>73 es happy holidays,
>Barry
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>On 18 Dec 99, Bob Naumann - N5NJ wrote:
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>> Nice touch !
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>> Here's to Y2K !
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>> (P.S. no spikes from my TS850SAT or FT847. Both rigs run the Acom
>> very well.)
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>> Robert E. Naumann N5NJ@...
>> N5NJ / V26O
>> Plano, TX USA
>> ex KR2J, V26RN, W6V, WA2OVE
>> ----- Original Message -----
>> >>From: Rune Wande <cop@...>
>> >>To: <acom-list@egroups.com>
>> >>Sent: Friday, December 17, 1999 17:55
>> >>Subject: [acom-list] SV: The dreaded "Icom Spikes" (fairly long)
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>> >>
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>>
>>
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>

154. [acom-list] Re: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 16:28:39 UTC
From: GIG38@aol.com
Topic: 151 Message: 154

I feel crushed, no card here....

MX and HNY Fellow Acom users.

73,
Jack W0UCE
Raleigh, NC

155. [acom-list] Re: SV: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 17:41:55 UTC
From: Rune Wande
Topic: 155 Message: 155

Too bad Jack!
But, the most important thing is that your
amp works well!
Good luck and Merry Christmas and
Happy New Year to all from a very
"wintery" Sweden!
73 de Rune
SM5COP - 7S5Q - KB1Q

-----Ursprungligt meddelande-----
Från: GIG38@... <GIG38@...>
Till: acom-list@egroups.com <acom-list@egroups.com>
Datum: den 18 december 1999 17:29
Ämne: [acom-list] Re: Holiday cards from Acom

>I feel crushed, no card here....
>
>MX and HNY Fellow Acom users.
>
>73,
>Jack W0UCE
>Raleigh, NC
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>http://click.egroups.com/1/332/2/_/17002/_/945534540
>
>-- Create a poll/survey for your group!
>-- http://www.egroups.com/vote?listname=acom-list&m=1
>
>
>

156. [acom-list] Re: SV: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-18 18:19:00 UTC
From: GIG38@aol.com
Topic: 155 Message: 156

Was only joking about the card, if it comes it comes if not no big deal. My Acom works very well for which I am most pleased.

Being from Zero Land, born in Iowa and lived in Colorado and Minnesota, North Carolina winters without snow, ice and freezing temepratures are a pleasure. Snow does set the mood for Xmas however. Today I finished another beverage and wore only a long sleeve shirt outside. Hi Hi.

Wishing you and yours a joyous Christmas and the best that Y2K can bring.

73,
Jack W0UCE
Raleigh, NC

157. [acom-list] COLD BRRR

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 14:33:44 UTC
From: Howard Klein
Topic: 157 Message: 157

Jack,

Speaking of Zero land. Are you referring to temperature or call area? :-)!
I am sending this from Lake Placid, NY where the 6AM temp was -11.
I had to pass my coax thru a cable heater to unfreeze the RF on the way to
the antenna.:-)
Merry Christmas
73
Howard, K2HK

---

158. [acom-list] Re: COLD BRRR

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 15:02:55 UTC
From: GIG38@aol.com
Topic: 157 Message: 158

Happy Holidays. You think that is bad, when I lived in IA and MN I use to intentionally run high SWR just to keep the shack warm....

Grew up in that wintery mess, wading snow to school, home for lunch, back to school and home afterward. Now spoiled but loving it in NC....

73

159. [acom-list] Re: Season Greetings

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 13:08:37 UTC
From: Valeri Stefanov
Topic: 159 Message: 159

Merry Christmas and Happy Holidays
to Acom owners from sunny Bulgaria.
Temeperatures here are unbelieveable -
13 deg C . We have never had this
during last 112 years.
Anyway we pray for a snow during
Christmas (especially my two daughters - Hi)
because what is Xmas without a snow ????

Wish you all the best in a comming 2000
and watch for new things comming from
ACOM next year !
See ya in a WPX SSB in March.

de Wally LZ2CJ

Howard Klein wrote:

> Jack,
>
> Speaking of Zero land. Are you referring to temperature or call area? :-)!
> I am sending this from Lake Placid, NY where the 6AM temp was -11.
> I had to pass my coax thru a cable heater to unfreeze the RF on the way to
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> Merry Christmas
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160. [acom-list] Re: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 20:43:55 UTC
From: Tony Galiana, EA5BY
Topic: 151 Message: 160

Same here, nice guys.
Nice touch !
73 de Tony EA5BY

----- Original Message -----
From: Bob Naumann - N5NJ <n5nj@...>
To: <acom-list@egroups.com>
Sent: Saturday, December 18, 1999 2:50 PM
Subject: [acom-list] Holiday cards from Acom

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>
> I presume all Acom owners are receiving these cards.
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> Nice touch !
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> Here's to Y2K !
> 73,
> Bob N5NJ / V26O
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> (P.S. no spikes from my TS850SAT or FT847. Both rigs run the Acom
> very well.)
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> >>
> >>
> >>By the way, I just got a nice Xmas card from Vasco, the owner of
> Acom.
> >>I wish you good luck with you setup and I hope that the troubles are
> >>over now.
>
>
>
>
>
> --

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> -- Easily schedule meetings and events using the group calendar!
> -- http://www.egroups.com/cal?listname=acom-list&m=1
>
>
>

161. [acom-list] Re: Season Greetings

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 22:10:05 UTC
From: Howard Klein
Topic: 159 Message: 161

Jack, Richard, Wally, All the helpful guys on the reflector, Vasko and staff at Acom, Krassy and Jim at Acom International,

I am back in balmy Binghamton, NY.

Wish all Seasons Greetings and a new millenium full of peace, health, prosperity and of course DX!

Howard, K2HK

---

162. [acom-list] Re: Season Greetings

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 22:13:47 UTC
From: Richard Thorne
Topic: 159 Message: 162

R,R.

Same to you and everyone else. I also received a xmas card yesterday. Very nice.

Jack I may have gotten yours, as I received two cards, HI.

Howard Klein wrote:

> Jack, Richard, Wally, All the helpful guys on the reflector, Vasko and staff
> at Acom, Krassy and Jim at Acom International,
>
> I am back in balmy Binghamton, NY.
>
> Wish all Seasons Greetings and a new millenium full of peace, health,
> prosperity and of course DX!
>
> Howard, K2HK
> _____
>
> ---
> To unsubscribe, send an empty message to:
> acom-list-unsubscribe@egroups.com
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> ---
> Want to send money instantly to anyone, anywhere, anytime?
> You can today at X.com - and we'll give you $20 to try it! Sign
> up today at X.com. It's quick, free, & there's no obligation!
> http://click.egroups.com/1/332/2/_/17002/_/945641416
>
> eGroups.com Home: http://www.egroups.com/group/acom-list/
> http://www.egroups.com - Simplifying group communications

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

163. [acom-list] Holiday card received

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-19 22:22:45 UTC
From: K3BF@aol.com
Topic: 163 Message: 163

Very classy card from a very classy company. Like the amp a whole lot too!

Season's Greeting to ALL

Bruce Felder, K3BF
Pensacola, FL

164. [acom-list] Re: SV: The dreaded "Icom Spikes" (fairly long)

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-20 20:03:41 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 142 Message: 164

Thank you Rune,

I have been busy preparing for the holidays, so I have not been able to do much testing of my IC-775DSP on the Acom again. I did a small bit of testing one morning and worked some Europeans on 10m SSB and CW. Everything worked very well at full power, regardless of the Drive control setting on the 775. I need to run the system for a more extended period of time to see if I can reproduce the problems that have haunted me during contests.

Anyhow, I must get back to holiday preparations. I always delay this activity to the very end, sigh!

BTW: I also received a VY FB Christmas Card from Acom!
Small gestures like this mean a lot to customers. Having an excellent product also doesn't hurt!

1999 has been a fabulous year. Thanks to Acom and thanks to my fellow radio enthusiasts. Merry Christmas and may Y2K be even better than Y1.999K!

73 de Glenn K3PP

> ----------
> From: Rune Wande[SMTP:cop@...]
> Reply To: acom-list@egroups.com
> Sent: Friday, December 17, 1999 12:55 PM
> To: acom-list@egroups.com
> Subject: [acom-list] SV: The dreaded "Icom Spikes" (fairly long)
>
> Hi glenn!
> Always nice to read your stories but too bad you had such problems.
> I hate things when something does not work. I hate troubleshooting ...
> I've had the Acom since December 1998 and works fine. Using my
> old TS940s and have never had any spike problems. Lights are
> blinking too much so I usually run about 1 K output. That is the power
> limit here in SM so why bother to run more, Hi!
> I met Vasko LZ1JK in Friedrichshafen Germany at the Ham Radio
> this past June. A nice guy but difficult to speak with as he did not speak
> english. His wife spoke a little but my friend LZ1AF helped us out.
> By the way, I just got a nice Xmas card from Vasco, the owner of Acom.
> I wish you good luck with you setup and I hope that the troubles are
> over now.
> See you on the bands. In constests I nowadays use my new contest
> call 7S5Q and for regular QSOs SM5COP. I also have KB1Q but I
> do not get to use that very often although I have been to the USA five

> times since May this year! Just quick business trips and does not
> give me time to operate the ham bands or even visit any hams ...
> Too bad! Anyway I got on the air for 26 QSOsa in October as KB1Q/9.
> See you!
> 73 de Rune
>
> -----Ursprungligt meddelande-----
> Från: O Donnell, Glenn D (Glenn) <gdo@...>
> Till: 'ACOM List' <acom-list@egroups.com>
> Kopia: 'FRC' <frc@...>
> Datum: den 14 december 1999 22:18
> Ämne: [acom-list] The dreaded "Icom Spikes" (fairly long)
>
>
> >Some time ago, someone posted here that he was having problems
> >with his Acom amp kicking out with ARC FAULT while using his Icom
> >IC-706MkII as an exciter. Many responded, including me, that it might
> >be due to the spikes that have become notorious from some Icom gear.
> >I don't recall what he did to solve the problem, but apparently, I am
> also
> >suffering from the same issue with my IC-775DSP.
> >
> >My friend, and idol, K3II purchased an early model 775 and it has been
> >a nightmare for him. After several trips to Icom for repairs, and enough
> >money to buy a new mid-range rig, his seems to be OK. His was kicking
> >out his Alpha 87A and it was found to be due to the spikes from the 775.
> >We tested mine at the time, and it appeared OK.
> >
> >Fast forward to August 1999. I bought my Acom amp and I was delighted
> >to finally join the big boys. I was on top of the world because I was
> now
> >jumping into pileups and kicking some serious butt! The first time I had
> an
> >opportunity to beat the amp up for an extended period was during the
> >Pennsylvania QSO Party in early October.
> >
> >We used my QTH for the W3HA multi-multi and my 775/2000A combo
> >was the 40m/75m SSB station. It seemed to perform well at the start on
> >40m, but then it started kicking out on me. I blamed the 40m antenna we
> >were using. We had to reduce power anyway because of interstation QRM,
> >so the "problem" went away.
> >
> >At this point, I wasn't sure what was going on. I had a lot of other
> >problems
> >since going to high power and most of them were due to sloppiness on my
> >part. I fried a 90-degree coax adapter, I hung the computer from too
> much
> >RFI, I had to rebuild the feedpoint for my 80m dipole, etc. All were
> fine
> >with

> >low power, but all of this extra RF required me to really tidy things up.
> >Suddenly, station design and construction is a whole new ball game!
> >
> >Two weeks later, I'm in the CQWW SSB Contest and trying to make the
> >Top Ten SOA USA. Ten meters was the prime band, but my numbers
> >suffered on 10m because my 10m yagi is too high and ... the amp was
> >kicking out like crazy. I was able to S&P, but it was impossible to get
> >a run going. I switched in my Butternut vertical and it appeared to be
> OK.
> >I suspected trouble with my 10m yagi, which, of course, is at the very
> >top of the mast on my tower and any repairs will be difficult. While the
> >vertical seemed fine, it doesn't perform well enough to sustain a run on
> >a crowded band, even with high power.
> >
> >After the contest, I did some testing on 10m. I ran Europeans on 10m
> >phone for over an hour and everything performed perfectly. Arrrggghhh!
> >
> >My next real contest was CQWW CW. Here, 10m worked well, but
> >40 and 160 were nasty. My 40m dipole was trouble, but the Butternut
> >seemed to do well, so I used the vertical on 40m. The 160m problem
> >kept me from doing any more than 600W or so. I later found the 160m
> >problem was from another sloppy move on my part. Some crude wiring
> >I tried in my antenna switching was picking up RF and switching the
> >Top-Ten relay box in cadence with my CW! This was an easy fix.
> >
> >This past weekend, I began the ARRL 10m Contest and the Acom kicked
> >out on almost every transmission with ARC FAULT. I reduced power and
> >kept going with little trouble. About 1.5 hours into the contest, my
> >computer
> >locked up and I lost my log, but that's another story. The amp problem
> got
> >worse. Since the contest was slowing down late Friday night, I dug into
> >the problem more. It appeared that I was getting those hideous spikes
> from
> >my 775. I have an Icom IC-736 as a standby rig, so I swapped out the
> 775.
> >
> >Bingo! The Acom was able to put out full power without once complaining!
> >It's NOT my antennas. It's the multi-kilobuck 775 causing all of this!
> >Mine
> >is one of the "newer generation" that is supposed to be free from all of
> the
> >bugs in the early models. I used the 736 for the remainder of the
> contest.
> >The receiver is terrible compared to the 775, but at least I could
> TRANSMIT!
> >I did well for the time I put in, but my antenna is still too high. On
> 20m
> >and
> >15m, I'm an animal, but I often have to fight on 10m.

> >
> >You learn something new every day! Now, if I get a lower 10m antenna,
> >I can take another shot at the Top Ten box in the ARRL DX contests.
> >In the meantime, I guess the 775 is going back to Icom for a tune-up.
> >Does anybody have any alternatives to shipping this thing back to Icom?
> >I'm really not thrilled about doing this if I can avoid it!
> >
> >While I'm here, MERRY CHRISTMAS and HAPPY NEW YEAR to all
> >of my fellow radio nuts and their families! May you all survive the
> >apocalypse
> >and join me in the ARRL RTTY Roundup! :-)
> >
> >73 de Glenn K3PP
> >
> >--
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>
>

165. [acom-list] Re: Holiday cards from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-20 22:07:13 UTC
From: GIG38@aol.com
Topic: 151 Message: 165

I received one today as well.

W0UCE
Raleigh, NC

166. [acom-list] Re: Season Greetings

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-20 18:54:10 UTC
From: Ron Stone, Vine Antennas
Topic: 159 Message: 166

In message <385CD8D5.E28A0BC8@...>, Valeri Stefanov <wally@el-soft.com> writes
>Merry Christmas and Happy Holidays
>to Acom owners from sunny Bulgaria.
>Temeperatures here are unbelieveable -
>13 deg C . We have never had this
>during last 112 years.
>Anyway we pray for a snow during
>Christmas (especially my two daughters - Hi)
>because what is Xmas without a snow ????
>
>Wish you all the best in a comming 2000
>and watch for new things comming from
>ACOM next year !
>See ya in a WPX SSB in March.
>
>de Wally LZ2CJ
>
Wally

Yes those Christmas cards were great. Please pass on my 73 to Vasco and the gang. Tell him not to wait too long before telling us about the new amplifiers, and sending us the samples for CE testing! We arent going to have any snow here for the kids, but it is DARN cold!

73

Ron Stone,
Vine Antenna Products,
The Vine
Llandrinio
POWYS SY22 6SH
UK

Tel - +44 (0) 1691 831111
Fax - +44 (0) 1691 831386

Our WEBSITE is at http://www.gw3ydx.demon.co.uk
---

167. [acom-list] Re: Season Greetings

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-21 12:54:09 UTC
From: Valeri Stefanov
Topic: 159 Message: 167

Hi Ron,

73's to Vasko have been passed.
They are working on new amplifier and the
prototype will be tested during the Pitcairn
Isl. DX pedition ,if all goes well.
The rest will come a bit later.
After having 13 deg C ,last night finally
the snow came here and my daughters are
happy ! Moreover ,it is going to be a REAL
Xmas here with temeperatures of - 10deg C
right on Christmas night.

Best wishes for new millenium to all Acom list members.

de Wally LZ2CJ

"Ron Stone, Vine Antennas" wrote:

> In message <385CD8D5.E28A0BC8@...>, Valeri Stefanov <wally@el-
> soft.com> writes
> >Merry Christmas and Happy Holidays
> >to Acom owners from sunny Bulgaria.
> >Temeperatures here are unbelieveable -
> >13 deg C . We have never had this
> >during last 112 years.
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> >and watch for new things comming from
> >ACOM next year !
> >See ya in a WPX SSB in March.
> >
> >de Wally LZ2CJ
> >
> Wally
>
> Yes those Christmas cards were great. Please pass on my 73 to Vasco and
> the gang. Tell him not to wait too long before telling us about the new
> amplifiers, and sending us the samples for CE testing! We arent going to
> have any snow here for the kids, but it is DARN cold!
>
> 73
>

> Ron Stone,
> Vine Antenna Products,
> The Vine
> Llandrinio
> POWYS SY22 6SH
> UK
>
> Tel - +44 (0) 1691 831111
> Fax - +44 (0) 1691 831386
>
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168. [acom-list] Icom 775DSP problem with Acom 2000 ??

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-22 23:42:06 UTC
From: Will, K6NDV
Topic: 168 Message: 168

Hello, I am on the edge of ordering the Acom 2000A with the antenna switch.
After seeing the Acom"reflector" I am kind of scared to do the order.
I have a Icom 775DSP this is my second unit, the first one was replaced by
Icom because of all the problems I had with the rig. The one I have now is
also a early model but it has been upgraded by Icom before they send it to
me (this is all a few years back.)
I use to have a Alpha 77 and that on kicked out just once in a while. I sold
that one and now I have the Alpha 91B and never! yet had it kick out on me
yet.
Please give me some input about this, I hate to sell my 91B and buy the
Acom, then to find out some sort of trouble.
Thank you 73 Will, K6NDV

169. [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-24 15:12:59 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 168 Message: 169

Hi Will,

I'm convinced the problem is the 775, NOT the Acom. In fact, the Acom is doing
exactly what you'd want. It's kicking out to tell you that something is awry and
it needs to be fixed. In fact, I'm surprised that you don't hear about people who
have damaged amplifiers due to these spikes from the 775. The Acom is doing
a self-defense maneuver. The 87A will also, but manual amps usually do not
complain on these short-duration events.

I've received several good suggestions regarding my situation with the 775 and
the Acom 2000A. Since I've been scrambling to prepare for the holidays, I've
had little time to try most of these suggestions.

One good suggestion was to turn down the Drive control on the 775. This one
I did experiment with a bit, but the station ran flawlessly regardless of the Drive
setting. I only had short spurts of time to work on it, so I probably need a more
rigorous test to reproduce my problematic results and adjust accordingly.
I will make time next week to work on this and report to everyone.

My suggestion to you is to try your 775 on someone else's Acom or 87A
and see if it's producing these spikes. A good peak-reading wattmeter might
work too, or if you're really resourceful, use a good sampling oscilloscope.
Yours might have this problem fixed. If so, you have nothing to worry about.
The 775 is otherwise an extremely FB transceiver and the Acom 2000A is,
without a doubt, the best amplifier on the market.

Happy whatever-it-is-you-celebrate to everyone on this reflector!

73 de Glenn K3PP

P.S. I received a new fan bezel for my 2000A yesterday from Acom.
It has a screen on it to filter out bugs, dirt, etc. from getting sucked into
the amplifier. Gee, that would make quite a bug-zapper, wouldn't it?
Thanks Acom! I'll do this after Santa makes his rounds here! :-)

> ----------
> From: Will, K6NDV[SMTP:k6ndv@...]
> Reply To: acom-list@egroups.com

> Sent: Wednesday, December 22, 1999 6:42 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Icom 775DSP problem with Acom 2000 ??
>
> Hello, I am on the edge of ordering the Acom 2000A with the antenna
> switch.
> After seeing the Acom"reflector" I am kind of scared to do the order.
> I have a Icom 775DSP this is my second unit, the first one was replaced by
> Icom because of all the problems I had with the rig. The one I have now is
> also a early model but it has been upgraded by Icom before they send it to
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> that one and now I have the Alpha 91B and never! yet had it kick out on me
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> Please give me some input about this, I hate to sell my 91B and buy the
> Acom, then to find out some sort of trouble.
> Thank you 73 Will, K6NDV
>
>
>
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>
>

170. [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-24 14:29:27 UTC
From: Will, K6NDV
Topic: 168 Message: 170

Hi, I have no doubt at all that the Acom is a good (excellent) amplifier and the problem is definitely a Icom problem even the 706 is giving a nasty spike.
Tom W8JI has done some testing and came up with some bad results for Icom.
I just want to find out or it is going to be a big problem and if so is it fixable, I still WANT this amplifier!.
I looked closely with the new RF Application watt meter in tune mode and did see not any spikes so mine might be fixed by Icom before they send it to me (the 775DSP came straight from Washington).
Thank you for the input.
Happy holidays and all the goodies (hope for me it is the new ACOM 2000A
Will, K6NDV

-----Original Message-----
From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
Sent: Friday, December 24, 1999 7:13 AM
To: 'acom-list@egroups.com'
Subject: [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Hi Will,

I'm convinced the problem is the 775, NOT the Acom. In fact, the Acom is doing
exactly what you'd want. It's kicking out to tell you that something is awry and
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Thanks Acom! I'll do this after Santa makes his rounds here! :-)

> ----------
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> Reply To: acom-list@egroups.com
> Sent: Wednesday, December 22, 1999 6:42 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Icom 775DSP problem with Acom 2000 ??
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> Hello, I am on the edge of ordering the Acom 2000A with the antenna
> switch.
> After seeing the Acom"reflector" I am kind of scared to do the order.
> I have a Icom 775DSP this is my second unit, the first one was replaced by
> Icom because of all the problems I had with the rig. The one I have now is
> also a early model but it has been upgraded by Icom before they send it to
> me (this is all a few years back.)
> I use to have a Alpha 77 and that on kicked out just once in a while. I
> sold
> that one and now I have the Alpha 91B and never! yet had it kick out on me
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> Please give me some input about this, I hate to sell my 91B and buy the
> Acom, then to find out some sort of trouble.
> Thank you 73 Will, K6NDV
>
>
>
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>
>

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171. [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-26 07:32:00 UTC
From: Dennis Vernacchia
Topic: 168 Message: 171

Hi Will,
Let me know when you finally get an ACOM amp. I am considering
buying one
but I want to see how they are built inside and have not been able to
hook up
with anyone locally that has one that I could look at with the covers
off. My inclination is to
just wait til Dayton and see it there and then buy it, hopefully at a
Dayton discount too !

73, Dennis N6KI

Regards,

Dennis Vernacchia N6KI

On Fri, 24 Dec 1999 06:29:27 -0800 "Will, K6NDV" <k6ndv@...>
writes:
>Hi, I have no doubt at all that the Acom is a good (excellent)
>amplifier and
>the problem is definitely a Icom problem even the 706 is giving a
>nasty
>spike.
>Tom W8JI has done some testing and came up with some bad results for
>Icom.
>I just want to find out or it is going to be a big problem and if so
>is it
>fixable, I still WANT this amplifier!.
>I looked closely with the new RF Application watt meter in tune mode
>and did
>see not any spikes so mine might be fixed by Icom before they send it
>to me
>(the 775DSP came straight from Washington).
>Thank you for the input.
>Happy holidays and all the goodies (hope for me it is the new ACOM
>2000A
>Will, K6NDV
>
>
>-----Original Message-----
>From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
>Sent: Friday, December 24, 1999 7:13 AM
>To: 'acom-list@egroups.com'
>Subject: [acom-list] Re: Icom 775DSP problem with Acom 2000 ??
>
>

>Hi Will,
>
>I'm convinced the problem is the 775, NOT the Acom. In fact, the Acom
>is
>doing
>exactly what you'd want. It's kicking out to tell you that something
>is
>awry and
>it needs to be fixed. In fact, I'm surprised that you don't hear
>about
>people who
>have damaged amplifiers due to these spikes from the 775. The Acom is
>doing
>a self-defense maneuver. The 87A will also, but manual amps usually
>do not
>complain on these short-duration events.
>
>I've received several good suggestions regarding my situation with the
>775
>and
>the Acom 2000A. Since I've been scrambling to prepare for the
>holidays,
>I've
>had little time to try most of these suggestions.
>
>One good suggestion was to turn down the Drive control on the 775.
>This one
>I did experiment with a bit, but the station ran flawlessly regardless
>of
>the Drive
>setting. I only had short spurts of time to work on it, so I probably
>need
>a more
>rigorous test to reproduce my problematic results and adjust
>accordingly.
>I will make time next week to work on this and report to everyone.
>
>My suggestion to you is to try your 775 on someone else's Acom or 87A
>and see if it's producing these spikes. A good peak-reading wattmeter
>might
>work too, or if you're really resourceful, use a good sampling
>oscilloscope.
>Yours might have this problem fixed. If so, you have nothing to worry
>about.
>The 775 is otherwise an extremely FB transceiver and the Acom 2000A
>is,
>without a doubt, the best amplifier on the market.
>
>Happy whatever-it-is-you-celebrate to everyone on this reflector!
>

>73 de Glenn K3PP
>
>P.S. I received a new fan bezel for my 2000A yesterday from Acom.
>It has a screen on it to filter out bugs, dirt, etc. from getting
>sucked
>into
>the amplifier. Gee, that would make quite a bug-zapper, wouldn't it?
>Thanks Acom! I'll do this after Santa makes his rounds here! :-)
>
>> ----------
>> From: Will, K6NDV[SMTP:k6ndv@...]
>> Reply To: acom-list@egroups.com
>> Sent: Wednesday, December 22, 1999 6:42 PM
>> To: acom-list@egroups.com
>> Subject: [acom-list] Icom 775DSP problem with Acom 2000 ??
>>
>> Hello, I am on the edge of ordering the Acom 2000A with the antenna
>> switch.
>> After seeing the Acom"reflector" I am kind of scared to do the
>order.
>> I have a Icom 775DSP this is my second unit, the first one was
>replaced by
>> Icom because of all the problems I had with the rig. The one I have
>now is
>> also a early model but it has been upgraded by Icom before they send
>it to
>> me (this is all a few years back.)
>> I use to have a Alpha 77 and that on kicked out just once in a
>while. I
>> sold
>> that one and now I have the Alpha 91B and never! yet had it kick out
>on me
>> yet.
>> Please give me some input about this, I hate to sell my 91B and buy
>the
>> Acom, then to find out some sort of trouble.
>> Thank you 73 Will, K6NDV
>>
>>
>>
>>
>>---
>> To unsubscribe, send an empty message to:
>> acom-list-unsubscribe@egroups.com
>>
>>
>>---
>> The only fruitcake at overstock.com is our manager.
>> He's giving away a $20 coupon, plus our everyday Free Shipping.
>> Take advantage of the savings and selection now.

>> http://click.egroups.com/1/342/2/_/17002/_/945912839
>>
>> -- Check out your group's private Chat room
>> -- http://www.egroups.com/ChatPage?listName=acom-list&m=1
>>
>>
>
>--
>To unsubscribe, send an empty message to:
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>http://click.egroups.com/1/342/2/_/17002/_/946048401
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>-- Easily schedule meetings and events using the group calendar!
>-- http://www.egroups.com/cal?listname=acom-list&m=1
>
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>For the fastest and easiest way to backup your files and, access them
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>anywhere. Try @backup Free for 30 days. Click here for a chance to
>win a
>digital camera.
>http://click.egroups.com/1/337/2/_/17002/_/946049314
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>-- 20 megs of disk space in your group's Document Vault
>-- http://www.egroups.com/docvault/acom-list/?m=1
>
>

____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

172. [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-25 10:45:39 UTC
From: Will, K6NDV
Topic: 168 Message: 172

Dennis, I am planning to make the order soon (NOW?).
I also will get the antenna switch box if they give me a good deal.
I will let you know.
Not much learned about my Icom spike question thou, but I just will take the
risk.
I already down loaded and printed the manual and it looks pretty darn good.
73 Will

-----Original Message-----
From: Dennis Vernacchia [mailto:n6ki@...]
Sent: Saturday, December 25, 1999 11:32 PM
To: acom-list@egroups.com
Subject: [acom-list] Re: Icom 775DSP problem with Acom 2000 ??

Hi Will,
Let me know when you finally get an ACOM amp. I am considering
buying one
but I want to see how they are built inside and have not been able to
hook up
with anyone locally that has one that I could look at with the covers
off. My inclination is to
just wait til Dayton and see it there and then buy it, hopefully at a
Dayton discount too !

73, Dennis N6KI

Regards,

Dennis Vernacchia N6KI

On Fri, 24 Dec 1999 06:29:27 -0800 "Will, K6NDV" <k6ndv@...>
writes:
>Hi, I have no doubt at all that the Acom is a good (excellent)
>amplifier and
>the problem is definitely a Icom problem even the 706 is giving a
>nasty
>spike.
>Tom W8JI has done some testing and came up with some bad results for
>Icom.
>I just want to find out or it is going to be a big problem and if so
>is it
>fixable, I still WANT this amplifier!.
>I looked closely with the new RF Application watt meter in tune mode
>and did
>see not any spikes so mine might be fixed by Icom before they send it
>to me

>(the 775DSP came straight from Washington).
>Thank you for the input.
>Happy holidays and all the goodies (hope for me it is the new ACOM
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>This one
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>accordingly.
>I will make time next week to work on this and report to everyone.

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>My suggestion to you is to try your 775 on someone else's Acom or 87A
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>work too, or if you're really resourceful, use a good sampling
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>Yours might have this problem fixed. If so, you have nothing to worry
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>Happy whatever-it-is-you-celebrate to everyone on this reflector!
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>73 de Glenn K3PP
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>into
>the amplifier. Gee, that would make quite a bug-zapper, wouldn't it?
>Thanks Acom! I'll do this after Santa makes his rounds here! :-)
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>> also a early model but it has been upgraded by Icom before they send
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>> me (this is all a few years back.)
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>while. I
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>> that one and now I have the Alpha 91B and never! yet had it kick out
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>> yet.
>> Please give me some input about this, I hate to sell my 91B and buy
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>> Thank you 73 Will, K6NDV
>>
>>
>>
>>
>--
>> To unsubscribe, send an empty message to:
>> acom-list-unsubscribe@egroups.com
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>>
>--
>> The only fruitcake at overstock.com is our manager.
>> He's giving away a $20 coupon, plus our everyday Free Shipping.
>> Take advantage of the savings and selection now.
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>> -- Check out your group's private Chat room
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>>
>>
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>-- Easily schedule meetings and events using the group calendar!
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>from
>anywhere. Try @backup Free for 30 days. Click here for a chance to
>win a
>digital camera.
>http://click.egroups.com/1/337/2/_/17002/_/946049314

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>-- 20 megs of disk space in your group's Document Vault
>-- http://www.egroups.com/docvault/acom-list/?m=1
>
>

_____
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-- Talk to your group with your own voice!
-- http://www.egroups.com/VoiceChatPage?listName=acom-list&m=1

173. [acom-list] Holiday Wishes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-27 06:27:19 UTC
From: Jim Idelson
Topic: 173 Message: 173

Greetings to all!

Best wishes to you and your families for a safe
and happy holiday season. Looking forward to a
fabulous 2000!

73,

Jim Idelson K1IR

174. [acom-list] Re: Holiday Wishes

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-28 07:25:07 UTC
From: Dennis Vernacchia
Topic: 173 Message: 174

Hello Jim,
Happy New Year!
I am still looking to view the inside of an ACOMM 2000 so keep me in mind
if you sell one in the So Cal area where the owner wouldn't mind popping
the
covers....otherwise I guess I can just wait to see one at
Dayton.............
The sooner I see what I want ot see the sooner I get to buying one......

73, Dennis N6KI

Regards,

Dennis Vernacchia N6KI

On Mon, 27 Dec 1999 01:27:19 -0500 Jim Idelson <k1ir@...>
writes:
>Greetings to all!
>
>Best wishes to you and your families for a safe
>and happy holiday season. Looking forward to a
>fabulous 2000!
>
>73,
>
>Jim Idelson K1IR
>
>--
>To unsubscribe, send an empty message to:
>acom-list-unsubscribe@egroups.com
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>--
>The only fruitcake at overstock.com is our manager.
>He?s giving away a $20 coupon, plus our everyday Free Shipping.
>Take advantage of the savings and selection now.
>http://click.egroups.com/1/342/2/_/17002/_/946276204
>
>eGroups.com Home: http://www.egroups.com/group/acom-list/
>http://www.egroups.com - Simplifying group communications
>
>

____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:

http://dl.www.juno.com/get/tagj.

175. [acom-list] Grimeton ancient transmitter on the air

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-27 23:39:27 UTC
From: sm5ki
Topic: 175 Message: 175

The very last (as far as I know?) 17.2 kHz Alexandersson transmitter in the world will be on the air the first days of 2000. On January 1st at 12:00, 12:30 and 13:00 and on January 2nd at 0600 - all UTC. Each transmission is expected to last about 10 minutes.

There were once a chain of these antique transmitters built in the twenties and constructed by the Swede Alexandersson. Radio frequency was generated by
motors with a special technique and enabled reliable communication all over the globe and could be heard by submarines under the water during WW2.

The QTH is Grimeton on the Swedish west coast. If you pass bye, you can't miss
the station, as the antenna is a couple of kilometers long on high towers. This fantastic station is now a museum and visitors are welcome. Our Taeby club was there a couple of years ago and yours truly had a chance to send a couple of v v v. I will never forget the v-sounds of the generator and the flashes along with my keying on the old CW key! If you remember the old Frankenstein
Monster Movies, then you can imagine what it looked like with those big handles and switches. The tuning rods going up and down in the water while the transmitter was tuned - up.....

Listener reports may be send to:

Radiostation Grimeton
Telia Mobile,
Pl 3118,
Rolfstorp 430 16
SWEDEN
Phone: 0340-67 42 51
Fax: 0340-67 41 95
grimeton-radio@...

But there will be also 7S6SAQ QRV from Grimeton January 1 and 2 2000 around 0800 - 1400 GMT on 14040 CW and 14280/3750 SSB.

Antenna used will be a commercial log-periodic pointed at present to the south. Due the very high noise level at Grimeton the receiver may be remote-controlled from another site. QSL-adress is via the bureau. In case you want to send your card direct to the Swedish QSL-bureau, here is their adress:

SSA
PO Box 45

SOLLENTUNA 191 21
S w e d e n

You are welcome to listen to SAQ the Sound of Radio History! You can't miss it, as conditions are always reliable on that frequency.

73s de Hans SM5KI
sm5ki@...

176. [acom-list] Filter Upgrade

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-28 01:10:48 UTC
From: Richard Thorne
Topic: 176 Message: 176

Another nice touch from Acom.

They just sent me a filter upgrade. Its a filter that covers the hole where the filter goes. It will keep out dirt/dust ect.

The best part its free of charge and no request was made, it was just sent.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

177. [acom-list] Amplifier is on the way to me.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-28 03:49:38 UTC
From: Will, K6NDV
Topic: 177 Message: 177

I made the order for the amplifier and the antenna switch and should be here
in about 4/5 days.
I had a very nice and long telephone conversation with Krassy and sure he
knows this amp.!
Looking forward to it.
73 Will, K6NDV

178. [acom-list] Re: Amplifier is on the way to me.

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-28 05:34:02 UTC
From: AA1ND@aol.com
Topic: 177 Message: 178

Will I will need your tel #
Krassy

179. [acom-list] Rumors of the death of Amateur Radio are premature!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-30 22:29:54 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 179 Message: 179

Hi everyone,

I just heard, as did many of you, that the FCC's Amateur Service restructuring
is now official. I downloaded the PDF file of the FCC's Report and Order.
It's big, so it will take a while to digest.

Before we all start mourning the death of our beloved hobby, I want to inject
some comments of hope.

This restructuring will NOT turn Amateur Radio into another CB "service"
unless we (all of us in Amateur Radio) allow it to deteriorate. The future of
Amateur Radio is in OUR hands, not those of the FCC, the ARRL, nor the
IARU. These bodies will only do what we want of them and numbers count.
He who has the most votes on his side wins. If you disapprove of any
outcome, your camp was in the minority. That's what democracy is all about.

We have to face two facts. One, the world is changing and we must change
with it. Two, the FCC has laid down the law and we must all abide by it,
whether we like it or not. What's done is done. Now we must all move on.

If WE want Amateur Radio to remain a happy, cordial fraternity, WE must
actively work to promote growth in our numbers as well as growth in our
activity. Sitting on the sidelines, grumping about the way "it was" and the
general decay of our hobby will only accelerate the demise of this most
wonderful of pasttimes. Our future is a self-fufilling prophecy. You and I
and all of our fellow hams need to keep a positive attitude about the
future.

So, where's the good news? The FCC has gotten tough about enforcement.
This alone will help moderate the general conduct of the bands, but WE still
need to help. Despite the so-called decline in our numbers, the activity in
contests has skyrocketed. The "dead" mode of CW is wall to wall in the CW
contests. We ARE out there and we ARE active. Despite the explosion of
cellular phones and other wireless services, it is STILL the hams who come
through in big disasters. I could go on, but the reality is that we can keep
this thing going and growing if we want it bad enough. It won't take a lot of
effort, just a unified and pervasive attitude of hope, not despair..

Make a New Year's resolution to do at least one thing to grow our hobby.
Get some kid excited about Amateur Radio. Assume a leadership role
in your local club. Organize a special event station at a local mall.
Become an evangelist for some aspect of the hobby you particularly

enjoy, like contesting, QRP, or public service. Get the media involved.
You get the idea!

I look forward to the future! I hope you do also! We WILL survive Y2K
and we WILL survive Amateur restructuring!

73 ES Happy New Year!
de Glenn K3PP

180. [acom-list] Re: Rumors of the death of Amateur Radio are premature!

Yahoo group: acom-list (1999 — 2009)
Date: 1999-12-30 22:58:11 UTC
From: Barry Kutner
Topic: 179 Message: 180

Hi Glenn, and everyone else:

As moderator of this list, which fortunately has needed no moderation since everyone has been so well-behaved, other than occasional housekeeping chores like fixing bounced e-mail addresses, etc, I respectfully request that we not discuss FCC restructuring here.

First, this is a forum for discussion of Acom products.
Second, out of the 65 current list members, about 1/3 are not in the US.
Third, we're going to see and hear enough about it elsewhere for a long time.

Thanks es HNY2K,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

181. [acom-list] It's here

Yahoo group: acom-list (1999 — 2009)
Date: 2000-01-16 02:37:21 UTC
From: Will, K6NDV
Topic: 181 Message: 181

After some UPS related delays the Amplifier is here.
I have been reading the write up about this amplifier for some time and all what has been written is absolutely true! (thanks ON4UN and W2UP and others)
Last night at 9:30 EST! Krassy called me and stayed on the phone for 45! minutes to "walk" me true the whole process.
I also have the Acom2000SW/Acom2000S and I don't have to do anything any more all I do is change the band on the radio and the rest is done.
I will tell more later, I am just excited about this amp.
73 Will, K6NDV

182. [acom-list] Re: It's here

Yahoo group: acom-list (1999 — 2009)
Date: 2000-01-16 10:46:17 UTC
From: Ed- W4EP
Topic: 181 Message: 182

Please keep us posted Walt. I'm a "fence hanger" just about to buy one.
Thanks, Ed

At 06:37 PM 01/15/2000 -0800, you wrote:
>After some UPS related delays the Amplifier is here.
>I have been reading the write up about this amplifier for some time and all
>what has been written is absolutely true! (thanks ON4UN and W2UP and others)
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>73 Will, K6NDV
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>acom-list-unsubscribe@egroups.com
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>For the fastest and easiest way to backup your files and, access them from
>anywhere. Try @backup Free for 30 days. Click here for a chance to win a
>digital camera.
>http://click.egroups.com/1/337/2/_/17002/_/947993865/
>
>-- Easily schedule meetings and events using the group calendar!
>-- http://www.egroups.com/cal?listname=acom-list&m=1
>
>
>

183. [acom-list] Re: It's here

Yahoo group: acom-list (1999 — 2009)
Date: 2000-01-16 11:37:15 UTC
From: William F. Beyer Jr.
Topic: 181 Message: 183

Hello Will:
Please keeps us updated.....
See you on the Air!

73, William/N2WB

>
>
> At 06:37 PM 01/15/2000 -0800, you wrote:
> >After some UPS related delays the Amplifier is here.
> >I have been reading the write up about this amplifier for some time and all
> >what has been written is absolutely true! (thanks ON4UN and W2UP and others)
> >Last night at 9:30 EST! Krassy called me and stayed on the phone for 45!
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> >more all I do is change the band on the radio and the rest is done.
> >I will tell more later, I am just excited about this amp.
> >73 Will, K6NDV
> >

184. [acom-list] More on the Acom2000A and Icom775DSP

Yahoo group: acom-list (1999 — 2009)
Date: 2000-01-18 05:46:15 UTC
From: k6ndv@contesting.com
Topic: 184 Message: 184

Well I had some time off from work today and "pleyed" around with the amp some more.
This amplifier is absolutely a joy to play with, I did all the "users" tuning and have full++ power out on each band.
Yes indeed the Icom 775DSP is not a good radio for this amp and indeed I do have the SPIKE, I am going to deal with this tomorrow.
The service from Acom is GREAT looks like Krassy never sleeps.....hi.
73 Will, K6NDV

185. [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-01-24 18:42:26 UTC
From: Howard Klein
Topic: 185 Message: 185

Any word on development of Acom software?

K2HK

186. [acom-list] Acom 2000SW Antenna Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-05 05:33:40 UTC
From: Richard Thorne
Topic: 186 Message: 186

Anyone on the list using the 2000SW antenna switch in conjunction with
the 2000a amp?

If so please send me an email. I have a couple of specific questions.

Thanks in advance.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

187. [acom-list] MICROPROCESSOR CONFLICT???

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-05 05:49:05 UTC
From: Turkisher Dan-CSLC82
Topic: 187 Message: 187

My Acom 2002 has sat unnused the past 3 months while I have rebuilt tower and hamshack.

Hooked it up tonight and early in the start-up process it reports "Microprocessor Conflict" and shut down in protection mode.

Has anyone run into this or know what corrective actions can be taken?

Thanks and 73

Dan
K0DAN

188. [acom-list] Re: Acom 2000SW Antenna Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-05 15:01:16 UTC
From: Will, K6NDV
Topic: 186 Message: 188

Richard, I have one but I did not had a chance to play with it very
ong.(my 775DSP is at Icom) but it works although I had some delay problems
but like I said I did not had enough time to really try it out fully.
Please let me know what your findings are.
73 Will

-----Original Message-----
From: Richard Thorne [mailto:rthorne@...]
Sent: Friday, February 04, 2000 9:34 PM
To: Acom (mailing List)
Subject: [acom-list] Acom 2000SW Antenna Switch

Anyone on the list using the 2000SW antenna switch in conjunction with
the 2000a amp?

If so please send me an email. I have a couple of specific questions.

Thanks in advance.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

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-- http://www.egroups.com/ChatPage?listName=acom-list&m=1

189. [acom-list] Re: Acom 2000SW Antenna Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-05 16:42:57 UTC
From: Richard Thorne
Topic: 186 Message: 189

Hi Will:

I'm trying to find out if there is a way (and I'm sure there is) for the antenna switch to track bands so it selects the correct position for the band I'm on.

I'm running remote control, so I need to be sure the switch will track with the amp without any additional software.

I also wonder if the switch will track if the amplifier is off. I dont' this this is possible, but if it was I could run barefoot and still have control of the switch.

The key to all this is that its automatic, since I'm 6 miles away from the station while operating.

Will, K6NDV wrote:

> Richard, I have one but I did not had a chance to play with it very
> ong.(my 775DSP is at Icom) but it works although I had some delay problems
> but like I said I did not had enough time to really try it out fully.
> Please let me know what your findings are.
> 73 Will
>
> -----Original Message-----
> From: Richard Thorne [mailto:rthorne@...]
> Sent: Friday, February 04, 2000 9:34 PM
> To: Acom (mailing List)
> Subject: [acom-list] Acom 2000SW Antenna Switch
>
> Anyone on the list using the 2000SW antenna switch in conjunction with
> the 2000a amp?
>
> If so please send me an email. I have a couple of specific questions.
>
> Thanks in advance.
>
> --
> 73,
> Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
> Amarillo, TX
> Web Page: http://www.tcac.net/~rthorne/index.html
>
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> -- 20 megs of disk space in your group's Document Vault
> -- http://www.egroups.com/docvault/acom-list/?m=1

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

190. [acom-list] FIXED!!! " MICROPROCESSOR CONFLICT" ERROR

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-16 04:26:23 UTC
From: Turkisher Dan-CSLC82
Topic: 190 Message: 190

Great news! Thanks to the fantastic and prompt service of Krassy @ Acom,
this problem has been resolved.

The "microprocessor error" indicates that the RF unti and the remote control
unit are not communicating with each other. In my case, I apparently got the
two units a few inches too far part, stretched the remote control cable, and
must have pulled one of the wires in the serial connector. I did inspect the
connector, saw nothing wrong, and continued to have the "conflict" problem.
I sent the unit to Acom and Krassy found one of the wires separated inside
the insulation, fixed it promptly, and shipped the unit back to me.

The problem is fixed and the amp is working fine again.

My hats off to Acom for their prompt and professional service!

Krassy: Many thanks!

73

Dan
K0DAN

> -----Original Message-----
> From: Turkisher Dan-CSLC82
> Sent: Friday, February 04, 2000 11:49 PM
> To: 'acom-list@...'
> Subject: MICROPROCESSOR CONFLICT???
>
>
>
> My Acom 2002 has sat unnused the past 3 months while I have
> rebuilt tower and hamshack.
>
> Hooked it up tonight and early in the start-up process it
> reports "Microprocessor Conflict" and shut down in protection mode.
>
> Has anyone run into this or know what corrective actions can be taken?
>
> Thanks and 73
>
> Dan
> K0DAN
>

191. [acom-list] Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-20 20:58:15 UTC
From: k6ndv@contesting.com
Topic: 191 Message: 191

Well finally, I can joy my new Acom2000A amplifier, all is working flawless.
After spending some time and money with Icom America, I now have a new Icom IC-775DSP and this one is working as it suppose to work, NO spike.
My old IC-775DSP was one of the first ones in the USA.
I also have tried my IC-706 with the amplifier but that is as useless as can be, 20 watts gives a spike of about 175 watts! At first key up and the amp does not like that at all so it goes in protection mode.
I did send it back to Icom also but they insist that there is nothing wrong with it and there is no cure for the spike.
Also I had a bad foot switch, it had bad contacts and was arching, so I replaced that also but now I am a happy Acom200A user.
I just used it in the ARRL contest and the combination Acom2000Aand Acom2000S/Acom2000SW (antenna switch) is just working perfect, 1 dit and you are on a different band and antenna.
I will bring the Amplifier to the next SCCC (Feb. 26th at W6EEN) to show it to the Southern California Contesters.
73 Will, K6NDV

192. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-20 22:06:40 UTC
From: Klaus Heintzenberg
Topic: 191 Message: 192

Hi Will,

I'm using an ACOM2000A also and have some questions regarding the ACOM switch. Perhaps you can help me with a few answers please.

1. Do I need the little electronic box to connect the ACOM switch to the amplifier?

2. What, if you switch the ACOM amplifier off and run the station with the transceiver only.
Can I still use the ACOM antenna switch without rewiring the control cabling then?

3. Is there some means to manually select antennas while the ACOM amp is switched off (red button off)?
Also while using another amplifier, can I still use the ACOM antenna switch and control it manually somehow?

By the way, with my FT-1000D I did not have any problems with spikes. This radio at least does not have the spike problem, you were having with ICOMs. There just one nuisance with the amplifier. I can't run the FT-1000D at 200W even when the ACOM is in STB. It then starts complaining too high drive power and beeps a lot. To run the transceiver at higher than 165 Watts (barfoot) I must shut off the ACOM amp all the way (red button OFF). Else it works fine, nothing to complain.

73 / Klaus (DJ6RX)

---

193. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 00:02:05 UTC
From: Will, K6NDV
Topic: 191 Message: 193

I am sure Krassy can give you all the answers but I will try to give you as much information from my experience.

-----Original Message-----
From: Klaus Heintzenberg [mailto:kheintze@...]
Sent: Sunday, February 20, 2000 2:07 PM
To: acom-list@...
Subject: [acom-list] Re: Acom2000A update

Hi Will,

I'm using an ACOM2000A also and have some questions regarding the ACOM switch. Perhaps you can help me with a few answers please.

1. Do I need the little electronic box to connect the ACOM switch to the amplifier?

>>Yes it is controlled by the RS-232 interface from the amplifier.
(at least this is in my case, I know there is a way of controlling it by computer)

2. What, if you switch the ACOM amplifier off and run the station with the transceiver only.
Can I still use the ACOM antenna switch without rewiring the control cabling then?

>>Yes but only by the up and down control switch on the Acom 2000S
(again this is in my case, I don't know if controlled by computer)

3. Is there some means to manually select antennas while the ACOM amp is switched off (red button off)?
Also while using another amplifier, can I still use the ACOM antenna switch and control it manually somehow?

>>Yes, see above

By the way, with my FT-1000D I did not have any problems with spikes. This radio at least does not have the spike problem, you were having with ICOMs. There just one nuisance with the amplifier. I can't run the FT-1000D at 200W even when the ACOM is in STB. It then starts complaining too high drive power
and beeps a lot. To run the transceiver at higher than 165 Watts (barfoot) I must shut off the ACOM amp all the way (red button OFF). Else it works fine, nothing to complain.

73 / Klaus (DJ6RX)

---

73 Will, K6NDV

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194. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 01:20:13 UTC
From: Richard Thorne
Topic: 191 Message: 194

I just installed the switch this week its great. Answers below:

Klaus Heintzenberg wrote:

> Hi Will,
>
> I'm using an ACOM2000A also and have some questions regarding the ACOM
> switch. Perhaps you can help me with a few answers please.
>
> 1. Do I need the little electronic box to connect the ACOM switch to the
> amplifier?

It comes with a control head and the 10 position switch. Its well built. The control head has an led display to tell you which antenna your on

>
>
> 2. What, if you switch the ACOM amplifier off and run the station with the
> transceiver only.
> Can I still use the ACOM antenna switch without rewiring the control
> cabling then?

Yes it has an up/down switch on the control head. It also comes with its own NULL modem cable to connect to the amplifier.

>
>
> 3. Is there some means to manually select antennas while the ACOM amp is
> switched off (red button off)?
> Also while using another amplifier, can I still use the ACOM antenna
> switch and control it manually somehow?

Same as 2 above. Obviously you'll need to hook the coax up from the switch common to the other amp.

I manually tuned the amp up on all the bands and selected the appropriate switch postition. Now with a quick dit in cw the amp and switch get on the correct band instantly.

Very cool.

>
>
> By the way, with my FT-1000D I did not have any problems with spikes. This
> radio at least does not have the spike problem, you were having with ICOMs.
> There just one nuisance with the amplifier. I can't run the FT-1000D at 200W
> even when the ACOM is in STB. It then starts complaining too high drive power

> and beeps a lot. To run the transceiver at higher than 165 Watts (barfoot) I
> must shut off the ACOM amp all the way (red button OFF). Else it works fine,
> nothing to complain.
>
> 73 / Klaus (DJ6RX)
>
> ---
>
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--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

195. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 09:51:04 UTC
From: Klaus Heintzenberg
Topic: 191 Message: 195

Thank you Richard and Will for the quick response. Now I understand its functions.
73 / Klaus
---

196. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 20:24:45 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 191 Message: 196

Hi Will,

I'm happy that all is working with your new IC-775DSP!
I'd like to know what you said or did that got Icom to
fix your problem. I suspect it has something to do with
the "money" half of the "time and money" you mention! HI HI!

An update on my IC-775DSP/2000A combo:

Someone suggested that I fool with the Drive control on the
775 in an attempt to reduce the spike problem. I tried this
method several times since then, but I apparently wasn't
pushing the 775's duty cycle enough to cause trouble,
regardless of the Drive setting.

The ARRL DX Contest this past weekend was my first opportunity
for a sustained, all-out push on the 775. Where I had previously
set the Drive at about the 12:00 position, I found the 10:00 position
to be about the right setting. Any lower setting would reduce the
output so much that I couldn't drive the Acom to full power on 10m.
Any higher setting would kick out the Acom with ARC FAULT
violations. The higher I had the Drive control, the worse the problem
was.

I ran most of the contest with the Drive at 10:00. The amp kicked
out only a few times and only on 15m during hot runs. Interestingly,
the problem is also worse when the ambient temperature in the shack
gets higher. The shack was about 80 deg F during the most troublesome
times.

Also, the output of the 775 varies greatly from band to band at this
"optimum compromise" setting of the Drive. If I'm driving the Acom
to full power on 10m and QSY to 15m, I'm suddenly over-driving the
Acom. I had to be careful to pull back on the 775's RF Output to
prevent transmitting a 2.4KW signal!

I'm still not happy with the 775's situation, but at least I now have a
better understanding of the problem. I have some conclusive evidence
that the 775 is indeed the culprit and I can reproduce the events by
controlling the right variables. I can now go to Icom with empirical
results
instead of subjective intuition and emotionally charged hunches.

Stay tuned my friends!

VY 73 de Glenn K3PP

P.S. I also have an IC-706MkII that I removed from my recently-deceased Toyota pickup truck. I'm tempted to try it on the Acom, but it's probably wise to avoid such a travesty!

> ----------
> From: k6ndv@...[SMTP:k6ndv@...]
> Reply To: acom-list@...
> Sent: Sunday, February 20, 2000 3:58 PM
> To: acom-list@...
> Subject: [acom-list] Acom2000A update
>
> Well finally, I can joy my new Acom2000A amplifier, all is working
> flawless.
> After spending some time and money with Icom America, I now have a new
> Icom IC-775DSP and this one is working as it suppose to work, NO spike.
> My old IC-775DSP was one of the first ones in the USA.
> I also have tried my IC-706 with the amplifier but that is as useless
> as can be, 20 watts gives a spike of about 175 watts! At first key up
> and the amp does not like that at all so it goes in protection mode.
> I did send it back to Icom also but they insist that there is nothing
> wrong with it and there is no cure for the spike.
> Also I had a bad foot switch, it had bad contacts and was arching, so I
> replaced that also but now I am a happy Acom200A user.
> I just used it in the ARRL contest and the combination Acom2000Aand
> Acom2000S/Acom2000SW (antenna switch) is just working perfect, 1 dit
> and you are on a different band and antenna.
> I will bring the Amplifier to the next SCCC (Feb. 26th at W6EEN) to
> show it to the Southern California Contesters.
> 73 Will, K6NDV
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>
>

197. [acom-list] Amp problem

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 20:56:33 UTC
From: Barry Kutner
Topic: 197 Message: 197

Hi gang:
I had an odd problem occur during the contest. I e-mailed Krassy, too. Wonder if anyone else has had this happen:
While on 10 and 15 m, the amp kept trying to retune with every CW character. As this was happening, the amp would mis-detect the frequency. When on 28.030, it indicated 27.750-28.000 (or something close to that - and no CB cracks please). When on 21.005, it would indicate the 21.150-300 segment. Also, the antenna selection jumped around also, between A1 USR and A2 USR.
I turned the amp off Sat. nite before going to sleep, and on Sunday this did not happen again. Of note, we had an ice storm here, which didn't melt off the antennas till Sunday. I was unable to operate 80/160 with more than a few hundred watts due to severe mistuning. The high bands seemed OK, but wonder if that had something to do with it.
Also, this happened on only one amp (I have two).
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

198. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 20:43:38 UTC
From: Will, K6NDV
Topic: 191 Message: 198

Hello Glen, well this is my understanding how to use the drive control.
Turn the PWR down to about 40 watts with the drive control at the normal
full out put setting.
Than start turning the drive control down until you see a slight reduction
of the 40 watts (at mine 775 it is about 9:10) I did not have a single
fault at all. You might have to reset this on different bands.
73 Will

-----Original Message-----
From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
Sent: Monday, February 21, 2000 12:25 PM
To: 'acom-list@...'
Cc: 'John Bednar (K3CT)'; 'John Bednar (K3TEJ)'; 'John Bednar (Lucent)';
'Bob Schreibmaier (K3PH)'; 'John Schreibmaier (W3MF)'; 'Ed Eroh (K3VA)';
'Goody K3NG'
Subject: [acom-list] Re: Acom2000A update

Hi Will,

I'm happy that all is working with your new IC-775DSP!
I'd like to know what you said or did that got Icom to
fix your problem. I suspect it has something to do with
the "money" half of the "time and money" you mention! HI HI!

An update on my IC-775DSP/2000A combo:

Someone suggested that I fool with the Drive control on the
775 in an attempt to reduce the spike problem. I tried this
method several times since then, but I apparently wasn't
pushing the 775's duty cycle enough to cause trouble,
regardless of the Drive setting.

The ARRL DX Contest this past weekend was my first opportunity
for a sustained, all-out push on the 775. Where I had previously
set the Drive at about the 12:00 position, I found the 10:00 position
to be about the right setting. Any lower setting would reduce the
output so much that I couldn't drive the Acom to full power on 10m.
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violations. The higher I had the Drive control, the worse the problem
was.

I ran most of the contest with the Drive at 10:00. The amp kicked
out only a few times and only on 15m during hot runs. Interestingly,
the problem is also worse when the ambient temperature in the shack
gets higher. The shack was about 80 deg F during the most troublesome
times.

Also, the output of the 775 varies greatly from band to band at this
"optimum compromise" setting of the Drive. If I'm driving the Acom
to full power on 10m and QSY to 15m, I'm suddenly over-driving the
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prevent transmitting a 2.4KW signal!

I'm still not happy with the 775's situation, but at least I now have a
better understanding of the problem. I have some conclusive evidence
that the 775 is indeed the culprit and I can reproduce the events by
controlling the right variables. I can now go to Icom with empirical
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instead of subjective intuition and emotionally charged hunches.

Stay tuned my friends!

VY 73 de Glenn K3PP

P.S. I also have an IC-706MkII that I removed from my recently-deceased
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> Reply To: acom-list@...
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> To: acom-list@...
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> Well finally, I can joy my new Acom2000A amplifier, all is working
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> After spending some time and money with Icom America, I now have a new
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199. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-21 19:51:43 UTC
From: Gerald Smith
Topic: 191 Message: 199

Has anyone tried an ALC line with the Acom amp?

Gerry, W6TER

"Will, K6NDV" wrote:
>
> Hello Glen, well this is my understanding how to use the drive control.
> Turn the PWR down to about 40 watts with the drive control at the normal
> full out put setting.
> Than start turning the drive control down until you see a slight reduction
> of the 40 watts (at mine 775 it is about 9:10) I did not have a single
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> Cc: 'John Bednar (K3CT)'; 'John Bednar (K3TEJ)'; 'John Bednar (Lucent)';
> 'Bob Schreibmaier (K3PH)'; 'John Schreibmaier (W3MF)'; 'Ed Eroh (K3VA)';
> 'Goody K3NG'
> Subject: [acom-list] Re: Acom2000A update
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> I'm happy that all is working with your new IC-775DSP!
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>
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> output so much that I couldn't drive the Acom to full power on 10m.
> Any higher setting would kick out the Acom with ARC FAULT
> violations. The higher I had the Drive control, the worse the problem

> was.
>
> I ran most of the contest with the Drive at 10:00. The amp kicked
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> the problem is also worse when the ambient temperature in the shack
> gets higher. The shack was about 80 deg F during the most troublesome
> times.
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> Also, the output of the 775 varies greatly from band to band at this
> "optimum compromise" setting of the Drive. If I'm driving the Acom
> to full power on 10m and QSY to 15m, I'm suddenly over-driving the
> Acom. I had to be careful to pull back on the 775's RF Output to
> prevent transmitting a 2.4KW signal!
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> better understanding of the problem. I have some conclusive evidence
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> Stay tuned my friends!
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> P.S. I also have an IC-706MkII that I removed from my recently-deceased
> Toyota pickup truck. I'm tempted to try it on the Acom, but it's
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>
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> > From: k6ndv@...[SMTP:k6ndv@...]
> > Reply To: acom-list@...
> > Sent: Sunday, February 20, 2000 3:58 PM
> > To: acom-list@...
> > Subject: [acom-list] Acom2000A update
> >
> > Well finally, I can joy my new Acom2000A amplifier, all is working
> > flawless.
> > After spending some time and money with Icom America, I now have a new
> > Icom IC-775DSP and this one is working as it suppose to work, NO spike.
> > My old IC-775DSP was one of the first ones in the USA.
> > I also have tried my IC-706 with the amplifier but that is as useless
> > as can be, 20 watts gives a spike of about 175 watts! At first key up
> > and the amp does not like that at all so it goes in protection mode.
> > I did send it back to Icom also but they insist that there is nothing
> > wrong with it and there is no cure for the spike.
> > Also I had a bad foot switch, it had bad contacts and was arching, so I
> > replaced that also but now I am a happy Acom200A user.
> > I just used it in the ARRL contest and the combination Acom2000Aand
> > Acom2000S/Acom2000SW (antenna switch) is just working perfect, 1 dit

> > and you are on a different band and antenna.
> > I will bring the Amplifier to the next SCCC (Feb. 26th at W6EEN) to
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> -- Check out your group's private Chat room
> -- http://www.egroups.com/ChatPage?listName=acom-list&m=1

200. [acom-list] Re: Amp problem

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-22 13:57:51 UTC
From: David Strout
Topic: 197 Message: 200

Pretty much the same thing at W3MM. We were using his and mine.
Ice screwed everything up including the ACOMs.
73, Dave, W2YC

Barry Kutner wrote:
>
> Hi gang:
> I had an odd problem occur during the contest. I e-mailed Krassy,
> too. Wonder if anyone else has had this happen:
> While on 10 and 15 m, the amp kept trying to retune with every
> CW character. As this was happening, the amp would mis-detect
> the frequency. When on 28.030, it indicated 27.750-28.000 (or
> something close to that - and no CB cracks please). When on
> 21.005, it would indicate the 21.150-300 segment. Also, the
> antenna selection jumped around also, between A1 USR and A2
> USR.
> I turned the amp off Sat. nite before going to sleep, and on Sunday
> this did not happen again. Of note, we had an ice storm here,
> which didn't melt off the antennas till Sunday. I was unable to
> operate 80/160 with more than a few hundred watts due to severe
> mistuning. The high bands seemed OK, but wonder if that had
> something to do with it.
> Also, this happened on only one amp (I have two).
> 73,
> Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
> --
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201. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-22 02:01:01 UTC
From: k6ndv@contesting.com
Topic: 191 Message: 201

By my knowledge ALC is too slow for the "spike".
Will

> Has anyone tried an ALC line with the Acom amp?
>
> Gerry, W6TER
>
> "Will, K6NDV" wrote:
> >
> > Hello Glen, well this is my understanding how to use the drive
control.
> > Turn the PWR down to about 40 watts with the drive control at the
normal
> > full out put setting.
> > Than start turning the drive control down until you see a slight
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> > 73 Will
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> > -----Original Message-----
> > From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
> > Sent: Monday, February 21, 2000 12:25 PM
> > To: 'acom-list@...'
> > Cc: 'John Bednar (K3CT)'; 'John Bednar (K3TEJ)'; 'John Bednar
(Lucent)';
> > 'Bob Schreibmaier (K3PH)'; 'John Schreibmaier (W3MF)'; 'Ed Eroh
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> > 'Goody K3NG'
> > Subject: [acom-list] Re: Acom2000A update
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> > An update on my IC-775DSP/2000A combo:
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> > Someone suggested that I fool with the Drive control on the
> > 775 in an attempt to reduce the spike problem. I tried this
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202. [acom-list] ARRL DX

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-22 03:52:26 UTC
From: Bob Naumann - N5NJ
Topic: 202 Message: 202

We used my Acom at WX0B driving it with an Icom 781. It worked fine
on 40m and on 15m.

The other ops were impressed.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

203. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-22 17:16:09 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 191 Message: 203

Thanks Will,

This pretty much correlates to my experience over the weekend.
I did this on 10m, previously one of my worst bands, and 10m
was flawless.

It is aggravating to keep tweaking the controls on band changes,
though. I've gone to great lengths to avoid manual operations
with an expensive automagic amplifier and lots of antenna switching.
I hope to become a serious competitor in the SOA class. Instant,
reliable, and automatic band-changing is a necessity toward this goal.
Control tweaking is contrary to this goal.

I was thinking about using ALC, as Gerry alluded to. You (Will)
say the ALC will be too slow. This is unfortunate. I was hoping
it might be my savior. The engineer in me still says there's a solution
possible using some kind of ALC-like feedback circuit.

I might try drumming up a good sampling oscilloscope at my office
and capture some undeniable evidence of these spikes to fire off to
Icom. I'm angry that Icom continues to deny the existence of a
widespread problem with the 775. This whole experience has really
soured me on Icom gear. It's too bad, too. Otherwise my 775 is
an extremely FB radio!

I'm not surprised that a lower-end rig like the 706 has such a problem,
but the 775 is top-of-the-line, spare-no-expense, competition-grade.
That's why I paid so much for it. I should have paid the lower price tag
for a Yaesu FT-1000MP. Bang-for-the-buck, it's probably the BEST
transceiver available.

I have to believe the same pattern has existed for a long time with
the Alpha 87A also. I know K3II went through hell with his early
generation 775 and his 87A. I'd like to hear more stories from both
the 87A and Acom 2000A camps.

73 de Glenn K3PP

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> From: Will, K6NDV[SMTP:k6ndv@...]
> Reply To: acom-list@...
> Sent: Monday, February 21, 2000 3:43 PM
> To: acom-list@...
> Subject: [acom-list] Re: Acom2000A update
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> Cc: 'John Bednar (K3CT)'; 'John Bednar (K3TEJ)'; 'John Bednar (Lucent)';
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> I'd like to know what you said or did that got Icom to
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>
>

204. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-22 15:48:12 UTC
From: Gerald Smith
Topic: 191 Message: 204

The combination of a 781 and a IC4KL does not have a kick off problem, although the 781 is known to have a spike. I think it is reasonable to assume the combination of a 775 and a IC4KL would not exhibit a problem. The IC4KL does have a monitoring facility and will kick off.

When using the IC4KL with an Icom radio, there is an ALC line. In the case of the 781, one turn up the RF output control fully. The limiting of power is done by the ALC line.

No knowing the Acom, one would hope the same kind of behavior is possible with the Icom/Acom combination.

Gerry, W6TER
(Possible buyer of an Acom)

"O Donnell, Glenn D (Glenn)" wrote:
>
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>
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> > Any higher setting would kick out the Acom with ARC FAULT
> > violations. The higher I had the Drive control, the worse the problem
> > was.
> >
> > I ran most of the contest with the Drive at 10:00. The amp kicked
> > out only a few times and only on 15m during hot runs. Interestingly,
> > the problem is also worse when the ambient temperature in the shack
> > gets higher. The shack was about 80 deg F during the most troublesome
> > times.
> >
> > Also, the output of the 775 varies greatly from band to band at this
> > "optimum compromise" setting of the Drive. If I'm driving the Acom
> > to full power on 10m and QSY to 15m, I'm suddenly over-driving the
> > Acom. I had to be careful to pull back on the 775's RF Output to
> > prevent transmitting a 2.4KW signal!
> >
> > I'm still not happy with the 775's situation, but at least I now have a
> > better understanding of the problem. I have some conclusive evidence
> > that the 775 is indeed the culprit and I can reproduce the events by
> > controlling the right variables. I can now go to Icom with empirical
> > results
> > instead of subjective intuition and emotionally charged hunches.
> >
> > Stay tuned my friends!
> >
> > VY 73 de Glenn K3PP
> >
> > P.S. I also have an IC-706MkII that I removed from my recently-deceased
> > Toyota pickup truck. I'm tempted to try it on the Acom, but it's
> > probably wise to avoid such a travesty!
> >
> > > ----------
> > > From: k6ndv@...[SMTP:k6ndv@...]
> > > Reply To: acom-list@...
> > > Sent: Sunday, February 20, 2000 3:58 PM
> > > To: acom-list@...
> > > Subject: [acom-list] Acom2000A update
> > >
> > > Well finally, I can joy my new Acom2000A amplifier, all is working
> > > flawless.
> > > After spending some time and money with Icom America, I now have a new
> > > Icom IC-775DSP and this one is working as it suppose to work, NO spike.
> > > My old IC-775DSP was one of the first ones in the USA.
> > > I also have tried my IC-706 with the amplifier but that is as useless
> > > as can be, 20 watts gives a spike of about 175 watts! At first key up

> > > and the amp does not like that at all so it goes in protection mode.
> > > I did send it back to Icom also but they insist that there is nothing
> > > wrong with it and there is no cure for the spike.
> > > Also I had a bad foot switch, it had bad contacts and was arching, so I
> > > replaced that also but now I am a happy Acom200A user.
> > > I just used it in the ARRL contest and the combination Acom2000Aand
> > > Acom2000S/Acom2000SW (antenna switch) is just working perfect, 1 dit
> > > and you are on a different band and antenna.
> > > I will bring the Amplifier to the next SCCC (Feb. 26th at W6EEN) to
> > > show it to the Southern California Contesters.
> > > 73 Will, K6NDV
> > >
> > >
> > >
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205. [acom-list] Re: Acom2000A update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-23 04:06:27 UTC
From: Turkisher Dan-CSLC82
Topic: 191 Message: 205

Glenn:

What kinds of antennas have been used when you've had to do all the
tweaking? Are baluns involved? Ferrite? RF chokes? What kind of feedlines?
What other devices are in the line (tuners, antenna switches)?

Do the problems occur when working into a dummy load?

73

Dan
K0DAN

> -----Original Message-----
> From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
> Sent: Tuesday, February 22, 2000 11:16 AM
> To: 'acom-list@...'
> Subject: [acom-list] Re: Acom2000A update
>
>
> Thanks Will,
>
> This pretty much correlates to my experience over the weekend.
> I did this on 10m, previously one of my worst bands, and 10m
> was flawless.
>
> It is aggravating to keep tweaking the controls on band changes,
> though. I've gone to great lengths to avoid manual operations
> with an expensive automagic amplifier and lots of antenna switching.
> I hope to become a serious competitor in the SOA class. Instant,
> reliable, and automatic band-changing is a necessity toward this goal.
> Control tweaking is contrary to this goal.
>
> I was thinking about using ALC, as Gerry alluded to. You (Will)
> say the ALC will be too slow. This is unfortunate. I was hoping
> it might be my savior. The engineer in me still says there's
> a solution
> possible using some kind of ALC-like feedback circuit.
>
> I might try drumming up a good sampling oscilloscope at my office
> and capture some undeniable evidence of these spikes to fire off to
> Icom. I'm angry that Icom continues to deny the existence of a
> widespread problem with the 775. This whole experience has really
> soured me on Icom gear. It's too bad, too. Otherwise my 775 is
> an extremely FB radio!
>

> I'm not surprised that a lower-end rig like the 706 has such
> a problem,
> but the 775 is top-of-the-line, spare-no-expense, competition-grade.
> That's why I paid so much for it. I should have paid the
> lower price tag
> for a Yaesu FT-1000MP. Bang-for-the-buck, it's probably the BEST
> transceiver available.
>
> I have to believe the same pattern has existed for a long time with
> the Alpha 87A also. I know K3II went through hell with his early
> generation 775 and his 87A. I'd like to hear more stories from both
> the 87A and Acom 2000A camps.
>
> 73 de Glenn K3PP
>
> > ----------
> > From: Will, K6NDV[SMTP:k6ndv@...]
> > Reply To: acom-list@...
> > Sent: Monday, February 21, 2000 3:43 PM
> > To: acom-list@...
> > Subject: [acom-list] Re: Acom2000A update
> >
> > Hello Glen, well this is my understanding how to use the
> drive control.
> > Turn the PWR down to about 40 watts with the drive control
> at the normal
> > full out put setting.
> > Than start turning the drive control down until you see a
> slight reduction
> > of the 40 watts (at mine 775 it is about 9:10) I did not
> have a single
> > fault at all. You might have to reset this on different bands.
> > 73 Will
> >
> >
> > -----Original Message-----
> > From: O Donnell, Glenn D (Glenn) [mailto:gdo@...]
> > Sent: Monday, February 21, 2000 12:25 PM
> > To: 'acom-list@...'
> > Cc: 'John Bednar (K3CT)'; 'John Bednar (K3TEJ)'; 'John
> Bednar (Lucent)';
> > 'Bob Schreibmaier (K3PH)'; 'John Schreibmaier (W3MF)'; 'Ed
> Eroh (K3VA)';
> > 'Goody K3NG'
> > Subject: [acom-list] Re: Acom2000A update
> >
> >
> > Hi Will,
> >
> > I'm happy that all is working with your new IC-775DSP!

> > I'd like to know what you said or did that got Icom to
> > fix your problem. I suspect it has something to do with
> > the "money" half of the "time and money" you mention! HI HI!
> >
> > An update on my IC-775DSP/2000A combo:
> >
> > Someone suggested that I fool with the Drive control on the
> > 775 in an attempt to reduce the spike problem. I tried this
> > method several times since then, but I apparently wasn't
> > pushing the 775's duty cycle enough to cause trouble,
> > regardless of the Drive setting.
> >
> > The ARRL DX Contest this past weekend was my first opportunity
> > for a sustained, all-out push on the 775. Where I had previously
> > set the Drive at about the 12:00 position, I found the
> 10:00 position
> > to be about the right setting. Any lower setting would reduce the
> > output so much that I couldn't drive the Acom to full power on 10m.
> > Any higher setting would kick out the Acom with ARC FAULT
> > violations. The higher I had the Drive control, the worse
> the problem
> > was.
> >
> > I ran most of the contest with the Drive at 10:00. The amp kicked
> > out only a few times and only on 15m during hot runs.
> Interestingly,
> > the problem is also worse when the ambient temperature in the shack
> > gets higher. The shack was about 80 deg F during the most
> troublesome
> > times.
> >
> > Also, the output of the 775 varies greatly from band to band at this
> > "optimum compromise" setting of the Drive. If I'm driving the Acom
> > to full power on 10m and QSY to 15m, I'm suddenly over-driving the
> > Acom. I had to be careful to pull back on the 775's RF Output to
> > prevent transmitting a 2.4KW signal!
> >
> > I'm still not happy with the 775's situation, but at least
> I now have a
> > better understanding of the problem. I have some
> conclusive evidence
> > that the 775 is indeed the culprit and I can reproduce the events by
> > controlling the right variables. I can now go to Icom with
> empirical
> > results
> > instead of subjective intuition and emotionally charged hunches.
> >
> > Stay tuned my friends!
> >
> > VY 73 de Glenn K3PP

> >
> > P.S. I also have an IC-706MkII that I removed from my
> recently-deceased
> > Toyota pickup truck. I'm tempted to try it on the Acom, but it's
> > probably wise to avoid such a travesty!
> >
> > > ----------
> > > From: k6ndv@...[SMTP:k6ndv@...]
> > > Reply To: acom-list@...
> > > Sent: Sunday, February 20, 2000 3:58 PM
> > > To: acom-list@...
> > > Subject: [acom-list] Acom2000A update
> > >
> > > Well finally, I can joy my new Acom2000A amplifier, all is working
> > > flawless.
> > > After spending some time and money with Icom America, I
> now have a new
> > > Icom IC-775DSP and this one is working as it suppose to
> work, NO spike.
> > > My old IC-775DSP was one of the first ones in the USA.
> > > I also have tried my IC-706 with the amplifier but that
> is as useless
> > > as can be, 20 watts gives a spike of about 175 watts! At
> first key up
> > > and the amp does not like that at all so it goes in
> protection mode.
> > > I did send it back to Icom also but they insist that
> there is nothing
> > > wrong with it and there is no cure for the spike.
> > > Also I had a bad foot switch, it had bad contacts and was
> arching, so I
> > > replaced that also but now I am a happy Acom200A user.
> > > I just used it in the ARRL contest and the combination
> Acom2000Aand
> > > Acom2000S/Acom2000SW (antenna switch) is just working
> perfect, 1 dit
> > > and you are on a different band and antenna.
> > > I will bring the Amplifier to the next SCCC (Feb. 26th at
> W6EEN) to
> > > show it to the Southern California Contesters.
> > > 73 Will, K6NDV
> > >
> > >
> > >
> > >
> --
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>

206. [acom-list] External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-23 14:48:48 UTC
From: k6ndv@contesting.com
Topic: 206 Message: 206

I have tried to get a hold of Krassy in the past week but so far no answer.
The reason for this is: I received the external fan a few weeks ago and I am about ready to install it. It is the fan what Acom supply's and I wonder or it turns on/off automatically as the temp. goes up/down, or do I have to put a switch in line, like the 91B?
Also is there any special installation instructions?
Thanks Will, K6NDV

207. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-23 17:39:16 UTC
From: Turkisher Dan-CSLC82
Topic: 206 Message: 207

There is a data sheet on installation...I think it was circulated in the email (see Deja News). If you cvan't find one I can send you a copy. The install involves removing the transformer and bolting on the fan/filter, and soldering two leads to the control board by the fan opening. Once installed the fan only comes on if heat sensors dictacte it...no user intervention required.

73

Dan
K0DAN

> -----Original Message-----
> From: k6ndv@... [mailto:k6ndv@...]
> Sent: Wednesday, February 23, 2000 8:49 AM
> To: acom-list@...
> Subject: [acom-list] External Fan
>
>
> I have tried to get a hold of Krassy in the past week but so far no
> answer.
> The reason for this is: I received the external fan a few
> weeks ago and
> I am about ready to install it. It is the fan what Acom supply's and I
> wonder or it turns on/off automatically as the temp. goes up/down, or
> do I have to put a switch in line, like the 91B?
> Also is there any special installation instructions?
> Thanks Will, K6NDV
>
>
>
> --
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>

208. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-23 23:04:51 UTC
From: Bob Naumann - N5NJ
Topic: 206 Message: 208

This is the reference to the fan install description from the
discussion area on the Acom web page:

http://www.hfpower.com/_disc2/0000000c.htm

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <k6ndv@...>
To: <acom-list@...>
Sent: Wednesday, February 23, 2000 14:48
Subject: [acom-list] External Fan

> I have tried to get a hold of Krassy in the past week but so far no
> answer.
> The reason for this is: I received the external fan a few weeks ago
and
> I am about ready to install it. It is the fan what Acom supply's and
I
> wonder or it turns on/off automatically as the temp. goes up/down,
or
> do I have to put a switch in line, like the 91B?
> Also is there any special installation instructions?
> Thanks Will, K6NDV
>
>
>
> --

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>

209. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-24 07:21:05 UTC
From: Dennis Vernacchia
Topic: 206 Message: 209

Will,
I don't have the answer about the fan, just wanted to know
if you will be removing the cover of the ACOM at Don's place so
we can view internal construction?

73,

Dennis Vernacchia N6KI

On Wed, 23 Feb 2000 06:48:48 -0800 k6ndv@... writes:
>I have tried to get a hold of Krassy in the past week but so far no
>answer.
>The reason for this is: I received the external fan a few weeks ago
>and
>I am about ready to install it. It is the fan what Acom supply's and I
>wonder or it turns on/off automatically as the temp. goes up/down, or
>do I have to put a switch in line, like the 91B?
>Also is there any special installation instructions?
>Thanks Will, K6NDV
>
>
>
>--
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210. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-24 13:32:50 UTC
From: Will, K6NDV
Topic: 206 Message: 210

>>>>
'Will,
' I don't have the answer about the fan, just wanted to know
'if you will be removing the cover of the ACOM at Don's place so
'

'73,

'Dennis Vernacchia N6KI

Hello Dennis, here is the msg. I send out:

The SCCC meeting will be held at the QTH of Don, W6EEN on Feb. 26th.
Bob Cox, K3EST will be the guest of honor.
Ray Novak from Icom America is coming over to let us play with the new Icom
756PRO and he can answer any question you have about this new radio.
I will bring my new Acom2000A amplifier to show and we can open it up so you
can have a peek under the hood.
Meeting time will be around 11:00am.
Please give Don a call or send him an email if you are planning to attend so
he can make a count for lunch.
760-345-8780
w6een@...

>

211. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-24 14:55:22 UTC
From: Bob Naumann - N5NJ
Topic: 206 Message: 211

I know that seeing it in real life is a whole lot better, but there
are some good photos on the Acom web page (along with all sorts of
other good stuff).

http://www.hfpower.com/ACOM2000APhotos.htm

73,
Bob

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: Will, K6NDV <k6ndv@...>
To: <acom-list@egroups.com>
Sent: Thursday, February 24, 2000 13:32
Subject: [acom-list] Re: External Fan

>
>
>
>
>
> >>>>
> 'Will,
> ' I don't have the answer about the fan, just wanted to know
> 'if you will be removing the cover of the ACOM at Don's place so
> '
>
>
> '73,
>
> 'Dennis Vernacchia N6KI
>
>
>
>
>
>
>
> Hello Dennis, here is the msg. I send out:
>
> The SCCC meeting will be held at the QTH of Don, W6EEN on Feb. 26th.
> Bob Cox, K3EST will be the guest of honor.

> Ray Novak from Icom America is coming over to let us play with the
new Icom
> 756PRO and he can answer any question you have about this new radio.
> I will bring my new Acom2000A amplifier to show and we can open it
up so you
> can have a peek under the hood.
> Meeting time will be around 11:00am.
> Please give Don a call or send him an email if you are planning to
attend so
> he can make a count for lunch.
> 760-345-8780
> w6een@...
>
>
>
> >
>
>
> --

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>
>

212. [acom-list] BIAS TOO LOW AT POWER ON: 000V

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-24 21:32:08 UTC
From: Klaus Heintzenberg
Topic: 212 Message: 212

Today my ACOM2000A gave up after a running time of 236 hrs.
During startup cycle, at second 139 it stops with error
message: BIAS TOO LOW AT POWER ON: 000V.
With 0 success I went thru OFF5 and CCC and the amp still can
not be started. Guess I have to carry it to the local dealer.
Has anybody any experience with such malfunction?
73, Klaus (DJ6RX)

---

213. [acom-list] Re: BIAS TOO LOW AT POWER ON: 000V

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-25 15:31:10 UTC
From: Ron Stone, Vine Antennas
Topic: 212 Message: 213

In message <002101bf7f0f$2ad98a40$f8a407d4@dj6rx>, Klaus Heintzenberg
<kheintze@...> writes
>Today my ACOM2000A gave up after a running time of 236 hrs.
>During startup cycle, at second 139 it stops with error
>message: BIAS TOO LOW AT POWER ON: 000V.
>With 0 success I went thru OFF5 and CCC and the amp still can
>not be started. Guess I have to carry it to the local dealer.
>Has anybody any experience with such malfunction?
>73, Klaus (DJ6RX)

Klaus. Open the amplifier up, and check all connections from the Power supply boards near the transformer. I remember when testing 2000A's (we test every one that goes to a customer from here) that I have once accidentally pulled out a connector when installing the transformer. I also had a fault report on switch-on after doing that. It's worth checking that out.

73
>
>---
>
>
>--
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>

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Vine Antenna Products,
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UK

Tel - +44 (0) 1691 831111
Fax - +44 (0) 1691 831386

Our WEBSITE is at http://www.gw3ydx.demon.co.uk

---

214. [acom-list] Re: External Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-26 17:33:13 UTC
From: AA1ND@aol.com
Topic: 206 Message: 214

Hi Will ,
This fan will turns on/off automatically as the temp. goes up/down. You only have to connect the 2 conductors to the board. Make sure that you connect red conductor to +. on the board.
Krassy K1LZ

215. [acom-list] SV: BIAS TOO LOW AT POWER ON: 000V

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-25 19:10:36 UTC
From: Rune Wande
Topic: 215 Message: 215

Tough luck Klaus!
Sorry to hear about your amp malfunction!
Hopefully you'll get it fixed quickly. Mine has
worked fine over a year now and I truly hope
that it will continue to run well!
Wish you good luck!
161,
Rune
SM5COP
-----Ursprungligt meddelande-----
Från: Klaus Heintzenberg <kheintze@mainz-online.de>
Till: acom-list@... <acom-list@...>
Datum: den 24 februari 2000 23:57
Ämne: [acom-list] BIAS TOO LOW AT POWER ON: 000V

>Today my ACOM2000A gave up after a running time of 236 hrs.
>During startup cycle, at second 139 it stops with error
>message: BIAS TOO LOW AT POWER ON: 000V.
>With 0 success I went thru OFF5 and CCC and the amp still can
>not be started. Guess I have to carry it to the local dealer.
>Has anybody any experience with such malfunction?
>73, Klaus (DJ6RX)
>
>---
>
>
>--
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>
>--
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>
>

216. [acom-list] Re: Properly doing ALC

Yahoo group: acom-list (1999 — 2009)
Date: 2000-02-28 22:35:18 UTC
From: AA1ND@aol.com
Topic: 216 Message: 216

Hi Glen,

Using ALC feedback from the amplifier to the transceiver, in order to limit the PEP drive, sometimes results in a potentially unstable system, which may tend to generate relaxations. This depends on the resulting loop gain and timing parameters, that is why a careful adjustment is needed to make it useful.

Anyway, as you decided to use the ALC system, here are the amplifier's ALC output electrical specifications of ACOM2000A :

- maximum output voltage (negative to ground) up to -11V;
- output resistance about 500 Ohms;
- maximum output current up to -10mA (self-protected).

The ALC signal is grid-current derived. When the control grid (G1) current changes between zero and 5mA (both tubes summary), the ALC voltage is zero. When this threshold is exceeded, a negative voltage appears on the ALC output, which is proportional to the amount of grid current above the 5mA threshold. Its maximum value (-11V) is reached around 15mA grid current, and can be reduced to zero via the ALC regulator. The regulator is located on the rear panel, just above the ALC connector. Clockwise rotation will increase the maximum ALC voltage, and the loop gain of the system "amplifier + transceiver".

What I could suggest is to reduce the maximum voltage generated by ACOM2000A, in order not to exceed the maximum permissible voltage for your transceiver.For this purpose connect a voltmeter to the ALC output and enter the MEASURE submenu "I-GRID". Increase drive power until you reach 17-18mA grid current. Do not exceed 20mA as a protection would trip there. At this point you will have the maximum ALC output voltage from ACOM2000A, so reduce it until it becomes safe for your transceiver's ALC input (check in your transceiver's operating manual for the proper voltage value).

After having a safe ALC voltage, connect it to the transceiver's ALC input. Then try to adjust it in order to yeld a good regulated "amplifier + transceiver" system, but using ONLY LESS positions of the ACOM2000A ALC output regulator.

73, Vasco, LZ1JK Sofia, February 28, 2000.

217. [acom-list] Protection values - ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-03-07 00:31:06 UTC
From: AA1ND@aol.com
Topic: 217 Message: 217

Hi ,
Here is some information about the protection values for ACOM2000A .

1. DRIVE LED blinks above 80W; trips above 126W. Nominal value is 50...60W for rated output. Reduce drive to overcome the protection.

2(a). FWD-P and RFL-P trip above 203W during standby. Bypassing up to 200W forward and reflected power through the amplifier in STBY and OFF mode is safe. A warning is issued in STBY at 203W threshold to secure amplifier's bypass circuitry safety. With 200W-transceivers you may overcome an eventual warning by reducing the power of about 5-10% or so, when the 203 watt threshold is exceeded accidentally.

Please note, that switching off the amplifier does not resolve the problem, as the amp. only could not tell you that the power is too high for it's bypassing relay, and a risk of damage still exists with more than 200W. If you need more power with the amp. off, you should reconnect the input and output cables leading to the amplifier in order to take it out of any transmitting path for more than 200W.

2(b). RFL-P trips above 502W during operate. Typically a no-load condition or misselected antenna after a band change is the cause.

3. IP LED: blinks above 1.4A plate current; time-lagged trip at 1,6A for 4 seconds; instanteous trip above 2.4A . Reduce drive to overcome it.

Nominal current is 0,95...1,25A, and may vary slightly depending on mains voltage, band, and tuning quality. Idling current is set in the factory to 50mA / 375mA (when keyed with no RF / small RF applied), for minimum IMD.

4. IG2: nominal value of the screen grid current is 60...80mA, but it widely varies with mains, tuning quality, and different tubes. A range of 0...100mA is acceptable. Protected by hardware at 120mA, and by software at 200mA for 20ms time lagged. Reduce drive to overcome it.

5. IG1: nominal control grid current is 5...10mA, trips at 20mA for 20ms time lagged. Reduce drive to overcome it.

The ALC signal is grid-current derived. When the control grid (G1) current appears during transmission between zero and 5mA (both tubes summary), the ALC voltage is zero. When this threshold is exceeded, a negative voltage appears on the ALC output, which is linearily proportional to the amount of grid current above the 5mA threshold. Its maximum value (-11V) is reached around 15mA grid current, and can be continuously reduced to zero via the ALC regulator. The regulator is located on the rear panel, just above the ALC connector. Clockwise rotation will increase the maximum ALC voltage (and the loop gain of the system "amplifier + transceiver"). Using this

output is normaly not needed with modern transceivers.

The electrical parameters of the ALC output are as follows:
- maximum output voltage (negative to ground) up to -11V;
- output resistance about 500 Ohms;
- maximum output current up to -10mA (self-protected).

6. Concerning the "HEATER" LED indicator you may need the following information:

If "HEATER" indicator lits continuously, probably mains voltage is lower than the nominal; if it often blinks, mains voltage is higher. You may still work safely even when "HEATER" is lit, as this is a warning indication only, but the protection threshold is yet close. If even more severe mains voltage deviation occures, the auto protection would trip, the red "PROT" LED will flash, and an appropriate text message will be issued on the LCD.

In order to determine how close are the trip conditions, you may enter the MEASURE sub-menu and monitor the following values:

- MAINS (line input voltage, no protection is directly derived);
- FIL-V (filament voltage, 10V to 14.4V is acceptable);
- IF-REAR (filament current - rear tube, 3A to 4.4A is acceptable);
- IF-FRONT (filament current - front tube, 3A to 4.4A is acceptable);

The heater voltage protection would trip at voltages below 10V or over 14.4V, and the corresponding message to the operator is issued on the RCU. Respectively, the thresholds for heater current protection are 3A and 4.4A, and appropriate messages appear when tripped.

For your information, the nominal filament voltage is 12.6V, and the nominal current is 3.6A. The "HEATER" indicator on the RCU is normally dark. It will constantly light if the filament voltage drops below 11.6V, and it will frequently blink if the voltage exceeds 13.6V (in order to inform you that nearly half of the acceptable range is crossed). In both cases the voltage selection may need to be changed if this conditions predominate. See also p.11 below.

7. Exhaust air Temperature. The optional external fan (when mounted) is accelerated at 90deg.C., and is slowed after the exaust air temperature drops below 80deg.C. Full temperature scale on the RCU (up to 130deg.C., 10 degrees per bar) is acceptable. A ">" sign appears when the scale is overflowed, and a protection trips at 150deg.C threshold.

If the temperature is higher than 80deg.C. at the moment you switch the amplifier off, the tubes are instantly powered off, but the blower would continue cooling, until the exhaust air temperature drops below 80deg.C.

Another protection system monitors the air motion in the tube deck volume. This would prevent the control system of being let down, while measuring a low-temperature but still-standing air above hot tubes. You may get a "LOW AIRFLOW" message in such conditions. Check whether the inlet / outlet

cutouts of the amplifier chassis are not accidentally covered by alien subjects, and let the tubes cool. Clean or replace the air filter. Add the optional external fan in severe temperature conditions, and for continuous modes of operation.

8. DC supply voltages:

template --- "nominal: +/- tollerance% (protection thresholds)";

+5V: +10/-15% (4.25...5.5)V; logic and analogue circuits voltage.

+/-12V: +15/-15% (10...14)V; analogue and RS232-port voltage.

+24V: +27/-30% (17...30.5)V; power-on relays voltage.

+48V: +27/-30% (34...61)V; antenna and input relays voltage.

+12/340V controlled screen grid voltage. Typically 10...15V during standby (EG2 is off), and 320...350V during operate (EG2 is on). Protection thresholds: more than 40V during standby; less than 150V or more than 430V during operate.

+2850V plate voltage (no load condition): +15/-55% (1280...3300)V; 2300...2500V is nominal at various loads and mains internal resistance for rated output.
-124/-75/-52V controlled bias voltage. Typically -115...-130V during standby / -70...-80V during operate idling / -45...-60V during operate with RF applied. Adjusted in the factory during setting of plate idling currents for minimum IMD (see p.3 above). Protection thresholds: less than -100V during STBY, and less than -35V during OPERATE.

9. The following measurands are calculated on the base of directly measured parameters:
- DC INPUT is calculated from (HV x IP); no protections from DC INPUTare derived.
- GAIN is calculated from (FWD_P / DRIVE); a "LOW GAIN" protection is derived at a threshold below 10dB gain.
- VSWR is calculated from Gm=(RFL_P/FWD_P); VSWR = (1 + Gm) / (1 - Gm); no protections derived.

The used above HV, IP, DRIVE, FWD-P, RFL-P, the 12 remaining measurands listed in S.4-3, p.19 of the Operating Manual, and also 4 supply voltages are directly measured via the analog-to digital converter in the CPU PCB. Multiple protections and tuning criteria are based on this information.

10. In addition of the above listed, a variety of values are checked dynamically while the amplifier's status is being changed, thus more protections may trip if bad conditions are detected. For instance, the heater current peak, HV, and EG2 are differently controlled during the power-on period, or while changing from standby to operate and vice versa. Also, the input and output relays contact time performance is verified at every dot/dash keying, and RF appearance.

11. Mains voltage tollerances.

See S.7-1j on p.29 of the Operating Manual. Normally, a +/-10% excursion of nominal tap voltage is acceptable. For instance, this is 216...264V with 240V nominal. The amplifier would work up to +/-15%.

If you however exceed this threshold (below 204V or over 276V for 240V nominal), supply voltages and/or currents may reach dangerous values. No protection is directly associated with the mains voltage, but nearly all supply voltages (and some currents) would reach threshold values, so various amplifier protections would begin tripping, in order not to let any damage in both: power supply, or the tubes.

Anyway, the control circuit is happy even at a voltage drop of-20%, i.e. below 190V, with 240V nominal tap selected. If mains voltage still drops further (below -25%), the control circuit in the RCU immediately switches off the amplifier, and becomes inoperative until the voltage restores to at least -15...20% of nominal, i.e. at least 190...200V, with 240V nominal. This hysteresis is intended to reject unusable RCU restartings if the voltage is continuously fluctuating near the lower limit.

A controllable step-up / step-down tap-transformer (for 20A nominal current) would be a good solution in such conditions, not only for the amplifier. You may find also suitable automatic AC voltage regulators on the market.

12. An additional possibility is foreseen in order to partly compensate for any mains voltage deviation not to affect the tubes plate efficiency. This is the DEF sub-menu in the OFF menu (see also page 22, 5-6a of the Operating Manual). Set the MAINS VOLTAGE menu selection to HIGH, when mains voltage is typically 5% (or more) higher than nominal tap (i.e. higher than 252V with 240V nominal). Set the menu selection to LOW when mains voltage is typically 5% lower than nominal tap (i.e. lower than 228V with 240V nominal). For lower voltages first set lower nominal taps of the transformer (i.e.220V, 200, 120 or 100V), and observe same rules about menu voltage selection. Anyway, a voltage of (230...240)V should be considered to be NORMAL with 240V nominal tap.

Please note, that this menu selection does not change the real supply voltages, but only the plate load resistance to which the AUTO TUNE procedure would match your antennas. With HIGH selection you will request a higher plate resistance, and vice versa, thus merely doing the best at your real conditions.

Best 73! Vasco, LZ1JK , Krassy K1LZ

218. [acom-list] Acom/Kachina Remote

Yahoo group: acom-list (1999 — 2009)
Date: 2000-03-24 16:16:06 UTC
From: Richard Thorne
Topic: 218 Message: 218

Hi Guys:

Just a brief update on my remote controlled station using the Acom 2000a Amp and Kachina 505dsp hf rig.

The Acom requires that pin 1 and 5 be shorted for 1 to 2 seconds to turn the amp on. I just finished an interface circuit that uses one of the 12v signals from the Kachina 505arx rotor control to activite a 12v relay. The contacts of the relay are connected to pin 1 and 5 of the remote connector on the back of the Acom amp. I installed an rca femal jack on the hood of the db9. Inside the hood I connected the rca jack to pin one and five and then used a jumber cable between it and the 505arx.

I can now turn the amp on and off remotely, works great!! No more leaving the amp so I can operate. I can simply turn it on with a software command via the Kachina software.

The next step will be using the remaining 4 12v signals from the 505arx to control my WX0B stack match phasing box. I'll be able to pick any combination of a 3 antenna stack.

Its been a lot of work, but this remote station is about 98% of the station I used to have in my home. In a lot of respects its better.

See ya on the bands.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

219. QST Review of Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-04-07 16:18:04 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 219 Message: 219

I was just snooping on the ARRL's Members-Only web site (don't tell my boss!), and I spotted a review of the Acom 2000A that will appear in the May issue of QST! I was wondering when we'd finally see a published review in QST or CQ.

It was reviewed and written by none other than Dave Sumner K1ZZ himself. It's a glowing review of the unit, as most of us on this reflector would agree.
I found the review on the page:

http://www.arrl.org/members-only/prodrev/bymfg.html

which is a comprehensive product review listing sorted by manufacturer. You need to be a properly registered ARRL member to access the reviews. The PDF file also includes a review of the Kenwood TM-D700A Dual-Band V/UHF mobile transceiver.

73 de Glenn K3PP

220. Re: [acom-list] QST Review of Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-04-07 22:05:26 UTC
From: Byron P. Peebles, Jr.
Topic: 220 Message: 220

Thanks for the tip.
I understand they'll be 10% off for Dayton.
(unless they're all sold out!)

73 de Byron NZ3O
At 12:18 2000-04-07 -0400, you wrote:
>I was just snooping on the ARRL's Members-Only web site (don't tell my
>boss!), and I spotted a review of the Acom 2000A that will appear in the
>May issue of QST!

ARS NZ3O Byron Peebles members.bellatlantic.net/~byron/
PO Box 412 voice: (610)715-9394
Paoli, PA 19301-0412 USA email: nz3o@...
---

221. Re: ACOM 20000A and FT10000D

Yahoo group: acom-list (1999 — 2009)
Date: 2000-04-23 12:53:41 UTC
From: aa1nd@aol.com
Topic: 221 Message: 221

Hi Henry ,
Somebody smart created this which is totally incorrect but people are happy to create problems and just to talk about it.

1. Bypassing up to 200W forward and reflected power through ACOM2000A in STBY and OFF mode is safe. A warning is issued in STBY at 203 watt threshold to secure amplifier's bypass circuitry safety. Please note that this is not a problem to be fixed as it's a warning message.

You may overcome an eventual warning with a 200W-transceiver by reducing its power to 180-190W or so (if the 203 watt threshold is exceeded accidentally by a peak at the beginning of transmissions).

Since you have a beep-volume regulator on the RCU, you might turn it down to zero. Nevertheless, please note, that even switching off the amplifier, actually would not push aside the caution: the amp. only could not warn you when the power is dangerous for it's bypassing relay, and a risk of damage still exists with more than 200W. By the way, this concerns most other amplifiers, but they do not care about their input bypassing relays...

You should not need to reconnect the input and output cables to take the amp. out of a powerful path (more than 200W). The best solution is to use the amplifier in OPERATE since it could be easily low-driven too (5-10 Watts or so) in order to get 150-300W output only, when full power is superfluous.

2. About the auto-operate function: a PC remote-control application for WINDOWS is being developed by Gerry/W1VE which includes this option. A beta-version is now available, and I expect that he will soon finish the design. Nevertheless, we plan to make a firmware upgrade which would include the auto-operate function too.

TNX Krassy K1LZ , Vasko LZ1JK

222. Re: [acom-list] Re: ACOM 20000A and FT10000D

Yahoo group: acom-list (1999 — 2009)
Date: 2000-04-24 02:25:49 UTC
From: David J. Strout
Topic: 222 Message: 222

You guys are just the greatest!! Keep the updates coming.
73, Dave, W2YC
==========

aa1nd@... wrote:
>
> Hi Henry ,
> Somebody smart created this which is totally incorrect but people are happy
> to create problems and just to talk about it.
>
> 1. Bypassing up to 200W forward and reflected power through ACOM2000A in
> STBY and OFF mode is safe. A warning is issued in STBY at 203 watt
> threshold to secure amplifier's bypass circuitry safety. Please note that
> this is not a problem to be fixed as it's a warning message.
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> its power to 180-190W or so (if the 203 watt threshold is exceeded
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> the amplifier in OPERATE since it could be easily low-driven too (5-10
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>
> 2. About the auto-operate function: a PC remote-control application for
> WINDOWS is being developed by Gerry/W1VE which includes this option. A
> beta-version is now available, and I expect that he will soon finish the
> design. Nevertheless, we plan to make a firmware upgrade which would
> include the auto-operate function too.
>
> TNX Krassy K1LZ , Vasko LZ1JK
>
> --
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223. BQ9P

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-04 12:01:46 UTC
From: aa1nd@aol.com
Topic: 223 Message: 223

Dear Sir:
My name is Paul Pai. and Callsign is BV4FH.
Our BQ9P QSL manager Steve/KU9C and our good friend Henry/KE1AC contact with ACOM before we took off for BQ9P Pratas Island DXpedition on Apr 5-13,2000,
a great news from our friends that we can have two of ACOM 2000A for our DXpedition,
It makes everything wonderful, and put everything together to make a successful operation,
31,000 QSO`s in 7 days.
Also it works very well by generators running 220V, 7 days 24 hours a day.
We appreciated ACOM supported this operation and it will do better job for future BQ9P
DXpedition.
Thanks again, We do appreciated the contribution to world wide Radio society by ACOM.
73

Paul Pai./BV4FH /BQ9P Committee./ DX Committee of Chinese Taipei Amateur Radio League.

224. BQ9P and ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-13 23:39:39 UTC
From: aa1nd@aol.com
Topic: 224 Message: 224

Dear Sir:
My name is Paul Pai. and Callsign is BV4FH.
Our BQ9P QSL manager Steve/KU9C and our good friend Henry/KE1AC contact with ACOM before we took off for BQ9P Pratas Island DXpedition on Apr 5-13,2000,
a great news from our friends that we can have two of ACOM 2000A for our DXpedition,
It makes everything wonderful, and put everything together to make a successful operation,
31,000 QSO`s in 7 days.
Also it works very well by generators running 220V, 7 days 24 hours a day.
We appreciated ACOM supported this operation and it will do better job for future BQ9P
DXpedition.
Thanks again, We do appreciated the contribution to world wide Radio society by ACOM.
73

Paul Pai./BV4FH /BQ9P Committee./ DX Committee of Chinese Taipei Amateur Radio League.

225. Dayton news?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-24 17:48:46 UTC
From: Barry Kutner
Topic: 225 Message: 225

Heard rumors of some new Acom products at Dayton. Anybody
see anything new?
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

226. Re: [acom-list] Dayton news?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-25 13:27:15 UTC
From: Henry Ingwersen
Topic: 226 Message: 226

Yes! The new ACOM 1000: 1KW continuous, 1.8-54 MHz. Handles 3:1 VSWR. 17 x 14 x7. 40 Lbs. Single 4CX800A. Simplified manual tuning. Continuous monitoring and idiot proof protection sim. to ACOM 2000A. Great DX-pedition rig! 'Hope to try it on six meters during the June VHF contest. 'Should have FCC approval shortly.

Also, two software packages. One to handle remote control and multi antenna switching, the other for running multi-single contest stations. To be available shortly.

At Dayton ACOM had a great, live exhibit showing a multi-single station in operation with rigs/ACOM amps switching between ten antennas (dummy loads!), using the ACOM antenna switchers and the newly developed software. I expect pictures will be on the ACOM website shortly.

73, Henry, KE1AC/TO0DX (Look for us from CY9 and FP in July)

----- Original Message -----
From: "Barry Kutner" <w2up@...>
To: <acom-list@egroups.com>
Sent: Wednesday, 24 May, 2000 1:48 PM
Subject: [acom-list] Dayton news?

> Heard rumors of some new Acom products at Dayton. Anybody
> see anything new?
> 73,
> Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
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227. Re: [acom-list] Dayton news?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-25 11:44:07 UTC
From: P. M. Elliott
Topic: 226 Message: 227

Henry,

Did they give a price for the 1000?

73 - Paul N3GPU

----- Original Message -----
From: Henry Ingwersen <henry.p.ingwersen@...>
To: <acom-list@egroups.com>
Sent: Thursday, May 25, 2000 2:27 PM
Subject: Re: [acom-list] Dayton news?

> Yes! The new ACOM 1000: 1KW continuous, 1.8-54 MHz. Handles 3:1 VSWR. 17 x
> 14 x7. 40 Lbs. Single 4CX800A. Simplified manual tuning. Continuous
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>
>
> ----- Original Message -----
> From: "Barry Kutner" <w2up@...>
> To: <acom-list@egroups.com>
> Sent: Wednesday, 24 May, 2000 1:48 PM
> Subject: [acom-list] Dayton news?
>
>
> > Heard rumors of some new Acom products at Dayton. Anybody
> > see anything new?
> > 73,
> > Barry

> > --
> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA FRC alternate: barry@...
> >
> > --
> > Failed tests, classes skipped, forgotten locker combinations.
> > Remember the good 'ol days
> > http://click.egroups.com/1/4053/5/_/17002/_/959190528/
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>
>
> --
> Failed tests, classes skipped, forgotten locker combinations.
> Remember the good 'ol days
> http://click.egroups.com/1/4053/5/_/17002/_/959261163/
> --
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
>

228. Re: [acom-list] Dayton news?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-05-25 16:56:08 UTC
From: Henry Ingwersen
Topic: 226 Message: 228

The ACOM 1000 won't be available until FCC approval has been received. I
believe the price will be around $2200-2300. Henry, KE1AC
----- Original Message -----
From: "P. M. Elliott" <pelliott@...>
To: <acom-list@egroups.com>
Sent: Thursday, 25 May, 2000 7:44 AM
Subject: Re: [acom-list] Dayton news?

> Henry,
>
> Did they give a price for the 1000?
>
> 73 - Paul N3GPU
>
> ----- Original Message -----
> From: Henry Ingwersen <henry.p.ingwersen@...>
> To: <acom-list@egroups.com>
> Sent: Thursday, May 25, 2000 2:27 PM
> Subject: Re: [acom-list] Dayton news?
>
>
> > Yes! The new ACOM 1000: 1KW continuous, 1.8-54 MHz. Handles 3:1 VSWR. 17
x
> > 14 x7. 40 Lbs. Single 4CX800A. Simplified manual tuning. Continuous
> > monitoring and idiot proof protection sim. to ACOM 2000A. Great
> DX-pedition
> > rig! 'Hope to try it on six meters during the June VHF contest. 'Should
> have
> > FCC approval shortly.
> >
> > Also, two software packages. One to handle remote control and multi
> antenna
> > switching, the other for running multi-single contest stations. To be
> > available shortly.
> >
> > At Dayton ACOM had a great, live exhibit showing a multi-single station
in
> > operation with rigs/ACOM amps switching between ten antennas (dummy
> loads!),
> > using the ACOM antenna switchers and the newly developed software. I
> expect
> > pictures will be on the ACOM website shortly.
> >
> > 73, Henry, KE1AC/TO0DX (Look for us from CY9 and FP in July)
> >

> >
> > ----- Original Message -----
> > From: "Barry Kutner" <w2up@...>
> > To: <acom-list@egroups.com>
> > Sent: Wednesday, 24 May, 2000 1:48 PM
> > Subject: [acom-list] Dayton news?
> >
> >
> > > Heard rumors of some new Acom products at Dayton. Anybody
> > > see anything new?
> > > 73,
> > > Barry
> > > --
> > > Barry Kutner, W2UP Internet: w2up@...
> > > Newtown, PA FRC alternate: barry@...
> > >
> >
> --
> > > Failed tests, classes skipped, forgotten locker combinations.
> > > Remember the good 'ol days
> > > http://click.egroups.com/1/4053/5/_/17002/_/959190528/
> >
> --
> > >
> > > To unsubscribe, send an empty message to:
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> >
> >
> > --
> > Failed tests, classes skipped, forgotten locker combinations.
> > Remember the good 'ol days
> > http://click.egroups.com/1/4053/5/_/17002/_/959261163/
> > --
> >
> > To unsubscribe, send an empty message to:
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> >
> >
>
>
> --
> Best friends, most artistic, class clown Find 'em here:
> http://click.egroups.com/1/4054/5/_/17002/_/959273085/
> --
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

229. Warranty Work

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-09 14:33:58 UTC
From: Richard Thorne
Topic: 229 Message: 229

Hi Guys:

Just a quick note to praise Acom on warranty work. I had a small problem which required the amp to go back to Krassy, in MA.

He had it repaired the same day it was received. How about that for turn around time.

I sure am glad I have the Acom and Kachina combination. The service with both companies is outstanding.

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

230. [acom-list] Heater voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-20 14:10:39 UTC
From: Anders Larsson
Topic: 230 Message: 230

Just took delivery of my ACOM2000A.... What a master piece!

The dealer said that when putting in the transformer he set the primary voltage to 230v! I read in the manual that there are taps for 220V and 240V. In the Manual 240V is entered on page 6.

The Mains voltage as displayed in the Measure sub-menu reads between 233 and 236V and the Heater voltage varies between 13.3 and 13.4V. The HEATER LED sometimes flicker a little. This applies under no-load conditions. Under load conditions the Mains drops below 230V.

I do not feel comfortable with that high heater voltage. Do I need to reset the primary to 240V? Directions appreciated.

73 Andy DF3IAL SM4CNN

----- Original Message -----
From: Richard Thorne <rthorne@...>
To: <acom-list@egroups.com>
Sent: Friday, June 09, 2000 4:33 PM
Subject: [acom-list] Warranty Work

> Hi Guys:
>
> Just a quick note to praise Acom on warranty work. I had a small
> problem which required the amp to go back to Krassy, in MA.
>
> He had it repaired the same day it was received. How about that for
> turn around time.
>
> I sure am glad I have the Acom and Kachina combination. The service
> with both companies is outstanding.
>
> --
> 73,
>
> Richard Thorne
> ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
> Remote Control Airplanes: AMA# 657062
> http://www.tcac.net/~rthorne/
>
>
>
> --
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> Go to:
> http://click.egroups.com/1/5021/5/_/17002/_/960561314/
> ---
>
> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@egroups.com
>

231. Re: [acom-list] Heater voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-20 18:13:45 UTC
From: John Devoldere (ON4UN)
Topic: 230 Message: 231

I run mine on 240, and the line voltage is 235 no load and sometimes drops
to about 228. It works just fine that way, and has been FOR 2 YEARS NOW.
73

John, ON4UN

----- Original Message -----
From: "Anders Larsson" <anders@...>
To: <acom-list@egroups.com>
Sent: Tuesday, June 20, 2000 14:10
Subject: [acom-list] Heater voltage

> Just took delivery of my ACOM2000A.... What a master piece!
>
> The dealer said that when putting in the transformer he set the primary
> voltage to 230v! I read in the manual that there are taps for 220V and
240V.
> In the Manual 240V is entered on page 6.
>
> The Mains voltage as displayed in the Measure sub-menu reads between 233
and
> 236V and the Heater voltage varies between 13.3 and 13.4V. The HEATER LED
> sometimes flicker a little. This applies under no-load conditions. Under
> load conditions the Mains drops below 230V.
>
> I do not feel comfortable with that high heater voltage. Do I need to
reset
> the primary to 240V? Directions appreciated.
>
> 73 Andy DF3IAL SM4CNN
>
>
>
>
> ----- Original Message -----
> From: Richard Thorne <rthorne@...>
> To: <acom-list@egroups.com>
> Sent: Friday, June 09, 2000 4:33 PM
> Subject: [acom-list] Warranty Work
>
>
> > Hi Guys:
> >
> > Just a quick note to praise Acom on warranty work. I had a small
> > problem which required the amp to go back to Krassy, in MA.
> >

> > He had it repaired the same day it was received. How about that for
> > turn around time.
> >
> > I sure am glad I have the Acom and Kachina combination. The service
> > with both companies is outstanding.
> >
> > --
> > 73,
> >
> > Richard Thorne
> > ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
> > Remote Control Airplanes: AMA# 657062
> > http://www.tcac.net/~rthorne/
> >
> >
> >
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>
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>
>

232. software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-22 14:33:05 UTC
From: Barry Kutner
Topic: 232 Message: 232

Hi all,
I found this on the hfpower.com Web site, and thought it would be of
interest.
73,
Barry

My long-awaited control software for the Acom 2000 and 2000SW will
be available for download July 1, from my website at
{HYPERLINK "http://www.inetmarket.com/hamtools"}http://www.inetmarket.com/hamtools. You
can see the current feature
list at that site.
You can address specific questions not currently covered on the web
page by emailing me directly at hamtools@....
The software will be free of charge to Acom International customers.
You will need to provide your amplifier or switch serial number.
Again, please direct all questions about the software to myself and not to
Krassy.
73,
Gerry, W1VE Hull Computer Consulting

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

233. Re: [acom-list] software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-22 15:05:50 UTC
From: Richard Thorne
Topic: 233 Message: 233

Thanks Barry, for the update.

I'm really looking forward to the software here. I understand, and could be wrong, that the package will control the
amp as well as the 2000s switch. Perfect for my remote operation.

Barry Kutner wrote:

> Hi all,
> I found this on the hfpower.com Web site, and thought it would be of
> interest.
> 73,
> Barry
>
> My long-awaited control software for the Acom 2000 and 2000SW will
> be available for download July 1, from my website at
> {HYPERLINK "http://www.inetmarket.com/hamtools"}http://www.inetmarket.com/hamtools. You can see the current feature
> list at that site.
> You can address specific questions not currently covered on the web
> page by emailing me directly at hamtools@....
> The software will be free of charge to Acom International customers.
> You will need to provide your amplifier or switch serial number.
> Again, please direct all questions about the software to myself and not to
> Krassy.
> 73,
> Gerry, W1VE Hull Computer Consulting
>
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
> --
> SALESFORCE.COM MAKES SOFTWARE OBSOLETE
> Secure, online sales force automation with 5 users FREE for 1 year!
> http://click.egroups.com/1/2658/7/_/17002/_/961684390/
> --
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

234. Error Message

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-28 18:49:03 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 234 Message: 234

I haven't played radio in quite a while. I went into the shack the other day to skim the bands and my Acom 2000A didn't fire up properly. After warmup, I went to switch it out of standby and it turned off with the following message:

G2 VOLTAGE
TOO LOW: 158V

Following the OFF5 procedure and the other suggestion (I don't remember it off the top of my head), still had the same results. I suspect this is the
voltage going to the screen grid and the schematic shows this at approx twice the error value.

I remember others on this list having problems that were fixed simply by re-plugging a connector rom the power transformer. Is the likely issue with mine? I plan to open it up and try it in the next few days.

Any words of wisdom from the brilliant masters on this list?

TNX ES 73
de Glenn K3PP

235. Re: [acom-list] Error Message

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-28 22:52:31 UTC
From: Bob Naumann - N5NJ
Topic: 235 Message: 235

It sounds just like what happened with mine.

Check each pin in the Molex connectors by pushing the individual wires
together with two pairs of needle-nose pliers.

You'll probably find one that is not exactly snug.

My guess is that the tolerances are off a little allowing the pins and
sockets to be less than firmly pushed together even though the plastic
housing appears to be.

73,
Bob N5NJ

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: O Donnell, Glenn D (Glenn) <gdo@...>
To: 'ACOM List' <acom-list@egroups.com>
Sent: Wednesday, June 28, 2000 18:49
Subject: [acom-list] Error Message

> I haven't played radio in quite a while. I went into the shack the
other
> day to skim the bands and my Acom 2000A didn't fire up properly.
> After warmup, I went to switch it out of standby and it turned off
> with the following message:
>
> G2 VOLTAGE
> TOO LOW: 158V
>
> Following the OFF5 procedure and the other suggestion (I don't
remember
> it off the top of my head), still had the same results. I suspect
this is
> the
> voltage going to the screen grid and the schematic shows this at
approx
> twice the error value.
>
> I remember others on this list having problems that were fixed
simply by

> re-plugging a connector rom the power transformer. Is the likely
issue with
> mine? I plan to open it up and try it in the next few days.
>
> Any words of wisdom from the brilliant masters on this list?
>
> TNX ES 73
> de Glenn K3PP
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

236. K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 12:40:14 UTC
From: k5yg@aol.com
Topic: 236 Message: 236

Hi,

I just got my new ACOM 2000A on the air last night -- (SN 000116)
The automatic switch should arrive soon.

Looks Great, Works Great!!

It is a perfect match with my FT1000MP Mark V !!

I really treated myself for my 60th birthday on June 24th ---

73, Bill - K5YG

237. Re: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 12:53:50 UTC
From: Bob Naumann - N5NJ
Topic: 237 Message: 237

Good for you Bill and congrats on both the radio and the amp!

I treated myself to the Acom last year and expect that I'll still have
it when I turn 60.

73,
Bob N5NJ
(42)

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <k5yg@...>
To: <acom-list@egroups.com>
Sent: Thursday, June 29, 2000 12:40
Subject: [acom-list] K5YG - New ACOM 2000A owner

> Hi,
>
> I just got my new ACOM 2000A on the air last night -- (SN 000116)
> The automatic switch should arrive soon.
>
> Looks Great, Works Great!!
>
> It is a perfect match with my FT1000MP Mark V !!
>
> I really treated myself for my 60th birthday on June 24th ---
>
> 73, Bill - K5YG
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
>

238. FWD: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 13:01:09 UTC
From: Jim Idelson
Topic: 238 Message: 238

Congrats, Bill! I'm sure the reflector would like to hear more about your experiences with that combination. Are you running the Mark V in it's full-power mode with the RF output turned down, or have you switched to the 'super-linear' mode with the max output at 75W? That mode sounds like a great chouice if you run the amp most of the time.

Jim K1IR

---------- Forwarded Message ----------

FROM: k5yg@...
TO: acom-list@egroups.com
DATE: Thu, 29 Jun 2000 08:40:14 EDT

RE: [acom-list] K5YG - New ACOM 2000A owner

Hi,

I just got my new ACOM 2000A on the air last night -- (SN 000116)
The automatic switch should arrive soon.

Looks Great, Works Great!!

It is a perfect match with my FT1000MP Mark V !!

I really treated myself for my 60th birthday on June 24th ---

73, Bill - K5YG

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

239. Re: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 13:29:43 UTC
From: Richard Thorne
Topic: 237 Message: 239

Your going to love the amp/switch combo. Once you set the amp up its
neat to see the switch choose the correct antenna.

k5yg@... wrote:

> Hi,
>
> I just got my new ACOM 2000A on the air last night -- (SN 000116)
> The automatic switch should arrive soon.
>
> Looks Great, Works Great!!
>
> It is a perfect match with my FT1000MP Mark V !!
>
> I really treated myself for my 60th birthday on June 24th ---
>
> 73, Bill - K5YG
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

240. RE: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 14:02:59 UTC
From: Atilano de Oms Sobrinho
Topic: 237 Message: 240

Hi Folks:

I?m using my two ACOM 2000 for more than a year and they are working perfectly.
I?m not using the switch yet, but I intend to do it.
I will need to have a longer cable to install the switch on the Tower.
Somebody in the list is doing that?
Regards

Oms PY5EG

-----Original Message-----
From: Richard Thorne [mailto:rthorne@...]
Sent: Quinta-feira, 29 de Junho de 2000 10:30
To: acom-list@egroups.com
Subject: Re: [acom-list] K5YG - New ACOM 2000A owner

Your going to love the amp/switch combo. Once you set the amp up its neat to see the switch choose the correct antenna.

k5yg@... wrote:

> Hi,
>
> I just got my new ACOM 2000A on the air last night -- (SN 000116)
> The automatic switch should arrive soon.
>
> Looks Great, Works Great!!
>
> It is a perfect match with my FT1000MP Mark V !!
>
> I really treated myself for my 60th birthday on June 24th ---
>
> 73, Bill - K5YG
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

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241. SV: FWD: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 15:34:00 UTC
From: sm5ki
Topic: 241 Message: 241

A transceiver in super linear mode together with a super linear amp will create a new problem: your neighboring hams on the next channel will come closer to your frequency and splatter over you because they simply do not know you are there! You get more QRM!

Another important question: when you crank down your power level: will you still have same relation beetween pep and sideband noise/spuriouses as when you run your rig with full output power?

73s de Hans SM5KI

>Fr?n: Jim Idelson <jimi@...>
>Till: "acom-list@..." <acom-list@...>
>?mne: FWD: [acom-list] K5YG - New ACOM 2000A owner
>Datum: tor 29 jun 2000 13.01
>

>Congrats, Bill! I'm sure the reflector would like to hear more about your
>experiences with that combination. Are you running the Mark V in it's
>full-power mode with the RF output turned down, or have you switched to the
>'super-linear' mode with the max output at 75W? That mode sounds like a great
>chouice if you run the amp most of the time.
>
>Jim K1IR
>
>---------- Forwarded Message ----------
>
>FROM: k5yg@...
>TO: acom-list@egroups.com
>DATE: Thu, 29 Jun 2000 08:40:14 EDT
>
>RE: [acom-list] K5YG - New ACOM 2000A owner
>
>Hi,
>
>I just got my new ACOM 2000A on the air last night -- (SN 000116)
>The automatic switch should arrive soon.
>
>Looks Great, Works Great!!
>
>It is a perfect match with my FT1000MP Mark V !!
>
>I really treated myself for my 60th birthday on June 24th ---
>
>73, Bill - K5YG
>

>
>
>To unsubscribe, send an empty message to:
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>acom-list-unsubscribe@egroups.com
>
>---
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>
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>
>acom-list-unsubscribe@egroups.com
>
>

242. SV: FWD: [acom-list] K5YG - New ACOM 2000A owner

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-29 15:34:00 UTC
From: sm5ki
Topic: 241 Message: 242

A transceiver in super linear mode together with a super linear amp will create a new problem: your neighboring hams on the next channel will come closer to your frequency and splatter over you because they simply do not know you are there! You get more QRM!

Another important question: when you crank down your power level: will you still have same relation beetween pep and sideband noise/spuriouses as when you run your rig with full output power?

73s de Hans SM5KI

>Fr?n: Jim Idelson <jimi@...>
>Till: "acom-list@..." <acom-list@...>
>?mne: FWD: [acom-list] K5YG - New ACOM 2000A owner
>Datum: tor 29 jun 2000 13.01
>

>Congrats, Bill! I'm sure the reflector would like to hear more about your
>experiences with that combination. Are you running the Mark V in it's
>full-power mode with the RF output turned down, or have you switched to the
>'super-linear' mode with the max output at 75W? That mode sounds like a great
>chouice if you run the amp most of the time.
>
>Jim K1IR
>
>---------- Forwarded Message ----------
>
>FROM: k5yg@...
>TO: acom-list@egroups.com
>DATE: Thu, 29 Jun 2000 08:40:14 EDT
>
>RE: [acom-list] K5YG - New ACOM 2000A owner
>
>Hi,
>
>I just got my new ACOM 2000A on the air last night -- (SN 000116)
>The automatic switch should arrive soon.
>
>Looks Great, Works Great!!
>
>It is a perfect match with my FT1000MP Mark V !!
>
>I really treated myself for my 60th birthday on June 24th ---
>
>73, Bill - K5YG
>

>
>
>To unsubscribe, send an empty message to:
>
>acom-list-unsubscribe@egroups.com
>
>---
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>---
>
>To unsubscribe, send an empty message to:
>
>acom-list-unsubscribe@egroups.com
>
>

243. Jim de Bill, K5YG (Mark V with 2000A)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 00:13:12 UTC
From: k5yg@aol.com
Topic: 243 Message: 243

In a message dated 00-06-29 08:57:49 EDT, you write:

<< Are you running the Mark V in it's
full-power mode with the RF output turned down, or have you switched to the
'super-linear' mode with the max output at 75W? That mode sounds like a
great
chouice if you run the amp most of the time. >>

Hi Jim,

Thus far I have only had a couple contacts with the Mark V and 2000A -- With excellent reports - My first contact was with the RF turned down - I then switched to class A with the power out around 50W. I will probably run in in the "super-linear" mode --

We can have a sked on any band you wish if you would like to hear how it sounds in various modes - let me know -- I will be off work for the next 5 days - so any day is ok - let me know --

73, Bill

Here is a copy of what I sent to someone else on first impressions:

I had the FT1000MP and a Omni-6 Plus prior to the Mark V -- I sold the FT1000MP to a friend and kept the Ten-Tec Omni-6 Plus. I will use the Omni-6 for RTTY and back up for the Mark V.

I have less than 20 contacts using the Mark V -- I like it very much - I am happy that I purchased it.

I have not had time to install optional filters 250hz and 500hz filters. The unit works great right out of the box with the 2.4khz filters in the 2nd and 3rd IFs. (The 2.4 khz in the 455Kz IF is a new 10 pole Collins Mechancial Filter), and a 500Hz Crystal Filter in the 2nd IF. The unit works so will with the 2.4khz filters, I decided not to buy the 2.4khz NRAD or Yaesu filters. The unit works very well on CW just with the one 500Hz filter installed.

I feel that the sensitivity is better with the Mark V --- and like the DSP controls on the front panel.

I get excellent audio reports using my Heil HC5 Microphone element.

244. New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 16:00:54 UTC
From: oe9eri@yahoo.de
Topic: 244 Message: 244

Hello to the all friends,

I have got my Acom 2000A SN 000131 some days ago
and doing first QSOs and tests.

Had an Alpha 87a before and do like now the auto-
tuning of the Acom which makes live with different
SWRs much more comfortable. The RF-relay is a bit
to hear, but because of the rubber-isolation from
chassis not disturbing. Also the transformer does
give some hum onto the chassis, may be this is a
50 to 60 hz problem here in Europe, but the hum is
lower than the airflow - so no problem.

Tested also the PW-1 from Icom, that one gave me the
feeling of beeing in an 747 Jumbo at 800KM/h when doing
RTTY and all 6 Fans running.

First of all, I have not got TVI-calls from the
neighbours - vy happy about that, did pull some
ferrit-cores over all to the amp connected cables
to supress stray-rf in the shack an to the mains.

The output goes through an coax-lightning-arrestor
out of the shack. Had some Trips and was a long time
searching for, the fault came from the to low fuse
inside, I had to replace to a 600V (for 2KW).

I have about 10 degrees C difference between the tubes
when running RTTY for about 5-6 Minutes with 400 Watts
there is 110 / 120 degrees indicated on the RCU.
As the Acom has a save-level at 130 degrees and protection
at 150 degrees as I saw on Vascos LZ1JK very interesting
informations here on this NewsBoard. I think one should not
use more than 500 Watts continous-output for more than
5 minutes to get it not too hot, or does any of the readers
here have an additional FAN on the Backside and does this
one give longer transmission-times or more output with
acceptable temperatures on the tubes ?

Some may have longer experience now and give some additional
comments ?

Had the Alpha-Remote-Software in use and hope the users here
in Europe can also get the new announced Windows-Software for
the ACOM 2000A next week ?

73 and best regards to all
Helmut oe9eri

245. Re: [acom-list] New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 16:24:16 UTC
From: Barry Kutner
Topic: 244 Message: 245

Hello Helmut: Congrats on the amp. I run RTTY, and I do have the optional fan installed behind the transformer. My tube temps have NEVER been higher than 70 C, and this is running 1500W RTTY all weekend in CQ WW RTTY contest! Perhaps Krassy or Vasco can comment, but I believe those tube temps are too high for 500 W in 5 minutes. Maybe there is a problem with your fan, or your amp is too confined near a wall or shelf and aiflow is restricted?
73 Barry

On 30 Jun 00, at 16:00, oe9eri@... wrote:

> Hello to the all friends,
>
> I have got my Acom 2000A SN 000131 some days ago
> and doing first QSOs and tests.
>
> Had an Alpha 87a before and do like now the auto-
> tuning of the Acom which makes live with different
> SWRs much more comfortable. The RF-relay is a bit
> to hear, but because of the rubber-isolation from
> chassis not disturbing. Also the transformer does
> give some hum onto the chassis, may be this is a
> 50 to 60 hz problem here in Europe, but the hum is
> lower than the airflow - so no problem.
>
> Tested also the PW-1 from Icom, that one gave me the
> feeling of beeing in an 747 Jumbo at 800KM/h when doing
> RTTY and all 6 Fans running.
>
> First of all, I have not got TVI-calls from the
> neighbours - vy happy about that, did pull some
> ferrit-cores over all to the amp connected cables
> to supress stray-rf in the shack an to the mains.
>
> The output goes through an coax-lightning-arrestor
> out of the shack. Had some Trips and was a long time
> searching for, the fault came from the to low fuse
> inside, I had to replace to a 600V (for 2KW).
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> I have about 10 degrees C difference between the tubes
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> As the Acom has a save-level at 130 degrees and protection
> at 150 degrees as I saw on Vascos LZ1JK very interesting
> informations here on this NewsBoard. I think one should not

> use more than 500 Watts continous-output for more than
> 5 minutes to get it not too hot, or does any of the readers
> here have an additional FAN on the Backside and does this
> one give longer transmission-times or more output with
> acceptable temperatures on the tubes ?
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> comments ?
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> Had the Alpha-Remote-Software in use and hope the users here
> in Europe can also get the new announced Windows-Software for
> the ACOM 2000A next week ?
>
> 73 and best regards to all
> Helmut oe9eri
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

246. re[2]: [acom-list] New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 18:22:58 UTC
From: Jim Idelson
Topic: 246 Message: 246

My observation is the same as Barry's. I just ran a test of 500 watts output on 15 meters for 2 minutes without the additional fan. My temp rose to about 62 degrees.

Could another possible cause of temperature rise be a higher swr? If you are tolerating more than 1.2:1 or 1.5:1, it is possible that more power is being dissipated by the tube and output circuit, generating more heat.

73,

Jim

> Hello Helmut: Congrats on the amp. I run RTTY, and I do have the optional fan installed behind the transformer. My tube temps have NEVER been higher than 70 C, and this is running 1500W RTTY all weekend in CQ WW RTTY contest! Perhaps Krassy or Vasco can comment, but I believe those tube temps are too high for 500 W in 5 minutes. Maybe there is a problem with your fan, or your amp is too confined near a wall or shelf and aiflow is restricted?
> 73 Barry

On 30 Jun 00, at 16:00, oe9eri@... wrote:

> Hello to the all friends,
>
> I have got my Acom 2000A SN 000131 some days ago
> and doing first QSOs and tests.
>
> Had an Alpha 87a before and do like now the auto-
> tuning of the Acom which makes live with different
> SWRs much more comfortable. The RF-relay is a bit
> to hear, but because of the rubber-isolation from
> chassis not disturbing. Also the transformer does
> give some hum onto the chassis, may be this is a
> 50 to 60 hz problem here in Europe, but the hum is
> lower than the airflow - so no problem.
>
> Tested also the PW-1 from Icom, that one gave me the
> feeling of beeing in an 747 Jumbo at 800KM/h when doing
> RTTY and all 6 Fans running.
>
> First of all, I have not got TVI-calls from the
> neighbours - vy happy about that, did pull some
> ferrit-cores over all to the amp connected cables
> to supress stray-rf in the shack an to the mains.
>

> The output goes through an coax-lightning-arrestor
> out of the shack. Had some Trips and was a long time
> searching for, the fault came from the to low fuse
> inside, I had to replace to a 600V (for 2KW).
>
> I have about 10 degrees C difference between the tubes
> when running RTTY for about 5-6 Minutes with 400 Watts
> there is 110 / 120 degrees indicated on the RCU.
> As the Acom has a save-level at 130 degrees and protection
> at 150 degrees as I saw on Vascos LZ1JK very interesting
> informations here on this NewsBoard. I think one should not
> use more than 500 Watts continous-output for more than
> 5 minutes to get it not too hot, or does any of the readers
> here have an additional FAN on the Backside and does this
> one give longer transmission-times or more output with
> acceptable temperatures on the tubes ?
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> Some may have longer experience now and give some additional
> comments ?
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> Had the Alpha-Remote-Software in use and hope the users here
> in Europe can also get the new announced Windows-Software for
> the ACOM 2000A next week ?
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> 73 and best regards to all
> Helmut oe9eri
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Newtown, PA FRC alternate: barry@...

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Jim

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fax 978.443.2034

247. Re: New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 20:25:49 UTC
From: oe9eri@yahoo.de
Topic: 246 Message: 247

Hello Barry and Jim,

thank you very much for your comments to my questions.

I do start at the moment the Acom from power-on with 29
degrees at switch-on and now I apply 500W out continous
carrier.
You are right, the Amp is here below the table on the floor because
so it is more quiet near the microphone, the table is not close to the
wall, about 2-3 inches space arround. Front side of table is open and
from the top of the Acom to the table is about 15 inches space.
Doing so reduces the noise from the blower comming to my Goldline-
Mikrophone which needs a bit of amplification.

This is not the best air-flow-position for that heat comming out of
the chimneys, and after 5 Minutes the temp ist 105/115 degrees on the
RCU-Meter.

This position is adequate for SSB, but not for longer RTTY or other
continous-carrier operations.

Normaly the 500W are enough for TTY or Pactor, PSK31 or SSTV and I
will try an additional fan at the backside for a cooler operation,
but still will try to keep the Amp down under the table.

So this is not a serious problem, and as Barry said, when there is the
fan on the backside and the Amp is on top of the table, there ist a
1500W carrier possible for a longer time !

Looking foreward for maybe some more comments

73 Helmut oe9eri

248. re: [acom-list] Re: New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 21:33:55 UTC
From: Jim Idelson
Topic: 248 Message: 248

By the way, I measured the EFFICIENCY of the amplifier at 500 watts and at 1500 watts output. These readings were taken from the RCU. At 1.27kW output, input power was 2.35kW, and efficiency is 54%. The power NOT going to the antenna is about 1.1kW. At 500W output, input power was 1.65kW and efficiency is 30%. The power dissipated as heat is still about 1.1kW. Did I calculate all this correctly, guys?

Jim

> Hello Barry and Jim,

thank you very much for your comments to my questions.

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degrees at switch-on and now I apply 500W out continous
carrier.
You are right, the Amp is here below the table on the floor because
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Looking foreward for maybe some more comments

73 Helmut oe9eri

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Jim

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249. re: [acom-list] Re: New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-06-30 21:43:55 UTC
From: Barry Kutner
Topic: 248 Message: 249

Jim,
Actually, overall efficiency at 500 W out is even less than you
calculate. There is also the power used by the filaments which is
fixed regardless of power output. I don't recall the numbers, but
believe it's about 100 W per tube. So if you include that power as
part of your input power, it has a bigger impact at 500 W out.
BTW, Jim, whatever happened to the service manual, which about
a year ago was supposed to be in the process of being translated
into English?
73 Barry

On 30 Jun 00, Jim Idelson wrote:

> By the way, I measured the EFFICIENCY of the amplifier at 500 watts and at 1500
> watts output. These readings were taken from the RCU. At 1.27kW output, input
> power was 2.35kW, and efficiency is 54%. The power NOT going to the antenna is
> about 1.1kW. At 500W output, input power was 1.65kW and efficiency is 30%. The
> power dissipated as heat is still about 1.1kW. Did I calculate all this
> correctly, guys?
>
> Jim
>
> > Hello Barry and Jim,
>
> thank you very much for your comments to my questions.
>
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> degrees at switch-on and now I apply 500W out continous
> carrier.
> You are right, the Amp is here below the table on the floor because
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> wall, about 2-3 inches space arround. Front side of table is open and
> from the top of the Acom to the table is about 15 inches space.
> Doing so reduces the noise from the blower comming to my Goldline-
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> This is not the best air-flow-position for that heat comming out of
> the chimneys, and after 5 Minutes the temp ist 105/115 degrees on the
> RCU-Meter.
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> continous-carrier operations.
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> fan on the backside and the Amp is on top of the table, there ist a
> 1500W carrier possible for a longer time !
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> Looking foreward for maybe some more comments
>
> 73 Helmut oe9eri
>
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> Jim
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

250. Re: New User

Yahoo group: acom-list (1999 — 2009)
Date: 2000-07-01 08:25:25 UTC
From: oe9eri@yahoo.de
Topic: 248 Message: 250

Hello again,

while you are sleeping I made another test regarding the
efficiency-calculations from Jim.

Since the seventees I was running an L-4B, and from manual-tuning
I know that tuning for 500W RTTY and 1 KW SSB was different and
had to retune when going from 500 up to 1 KW to get the Load
tuned for maximum Output at 1 KW and retune also the Plate a bit.

With the Acom, Autotune uses only about 400-500W Output and tunes
very sophisticated - the output is then variable up to 2000 W so
the load is optimum for the highest output !

At 500W the Autotune is not so accurate, because when I tune the
Acom manually at 500W, I can change the efficiency from about 30%
up to 40%.
Between the 30 and 40% the temperature-difference on my 5 Minute-test
is about - 10 degrees for the 40% efficiency at 500W output.

We have to think also, as Barry wrote, to the 50W per Tube Heating
but that one is in every case present.

One of the questions was my 10 degrees difference between the
rear and front Tube, but I think this will be normal ? Its not
at Stby-Temperatures, those are equal, only at higher temperatures
there comes the difference.

73, Helmut oe9eri

251. Help! G2 VOLTAGE TOO LOW: 158V

Yahoo group: acom-list (1999 — 2009)
Date: 2000-07-01 21:52:05 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 251 Message: 251

I posted a few days ago that I was getting this error message.
I finally got a chance to open the unit today. I re-seated the
connectors on the HV Supply board and took some voltage
measurements. The problem is still there. Here are some
observations:

The 310VAC on connector JP2 is fine. The 340VDC on JP7
is dead. I get ZERO. Without the schematic for the HV Supply,
I can do little beyond this. I may take the board out and attempt
to reverse engineer the schematic, but I thought I'd try here first.
The bridge rectifier and filter capacitors are working, as I have
proper output from here. After this point, it gets a bit fuzzy.

There is a three-pin device that looks like a power transistor
or a voltage regulator, attached to the front of the chassis
with a cable from the HV board. It has print on it, but it was
too hard to read with the inadequate lighting. I'll go back with
a better light for another try. The middle pin has about 400VDC
on it and the other two have ZERO. This doesn't seem right to
me. Have I stumbled onto the root cause?

Krassy/Jim: What advice do you have? If you send me the
schematic of the HV board, I can take more measurements
and possibly find a bad component. Do I send back the board?
Do you send me one? Do you send me one of these three-pin
devices? Am I barking up the wrong tree? Is it just cockpit
error? I doubt it, but anything is possible. Help!

I NEED THIS WORKING FOR THE IARU CONTEST!! I can
finally enter competitively with big power, but now I'm dead
in the water. IARU has no low power category. Fooey!

Thanks all ES 73!
de Glenn K3PP

252. Software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-07-28 11:57:31 UTC
From: Richard Thorne
Topic: 185 Message: 252

Anyone hear the latest on the release of the controller software for the
2000A and 2000SWA?

Thanks.

--
73,
Richard Thorne - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Amarillo, TX
Web Page: http://www.tcac.net/~rthorne/index.html

253. 8 pin connector for 2000SW

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-04 21:58:52 UTC
From: Richard Thorne
Topic: 253 Message: 253

Anyone know where I can get the 8 pin connector that plugs into the relay box? I need to build a new cable so I can mount the switch on the tower.

Thanks.

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

254. Like a Child on Christmas Eve...

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-12 02:10:46 UTC
From: w4gn@alaweb.com
Topic: 254 Message: 254

The new Acom 2000A is on its way.Hope I enjoy it as you all do yours.As always,see you in the pileups and DX contests and, if possible, for a QSO.73 de Steve,W4GN, in southern Alabama.

255. Software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-19 04:35:52 UTC
From: Will
Topic: 185 Message: 255

I send a email to the writer of the software about 2 weeks ago and no return.
Does any one know if the software available?
Thanks 73 Will, K6NDV

256. Re: [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-19 04:37:04 UTC
From: Richard Thorne
Topic: 256 Message: 256

I've sent several notes, no reply.

Will wrote:

> I send a email to the writer of the software about 2 weeks ago and no
> return.
> Does any one know if the software available?
> Thanks 73 Will, K6NDV
>
>
>
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--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M0
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

257. (no subject)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-22 00:32:17 UTC
From: Paul Hellenberg K4JA
Topic: 257 Message: 257

Hello Krassy

Got the invoice today. I thought you we giving me the Dayton Special pricing?

73 Paul

258. RE: [acom-list] (unknown)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-22 13:34:10 UTC
From: Brian Smithson
Topic: 257 Message: 258

Not sure you meant this go to out on the list...

-Brian n8wrl

> -----Original Message-----
> From: Paul Hellenberg K4JA [mailto:k4ja@...]
> Sent: Monday, August 21, 2000 8:32 PM
> To: ACOM
> Subject: [acom-list] (unknown)
>
>
> Hello Krassy
>
> Got the invoice today. I thought you we giving me the Dayton Special
> pricing?
>
> 73 Paul
>
>
>
>
> To unsubscribe, send an empty message to:
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259. Re: [acom-list] (unknown)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-08-22 15:22:20 UTC
From: Paul Hellenberg K4JA
Topic: 257 Message: 259

> Not sure you meant this go to out on the list...
>
> -Brian n8wrl
>

Hello Brian

You are correct. Sorry but I thought that was Krassies e-mail address in my address book.

73

Paul

260. Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 17:13:35 UTC
From: alsopb
Topic: 260 Message: 260

Can't seem to find any archives of past postings.

Expecting arrival of ACOM2000A next week.

Any problems to look out for?

73 de Brian/K3KO

261. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 18:33:43 UTC
From: w4bxi@aol.com
Topic: 261 Message: 261

Hi OM

I am here, but my 87A is doing so fine, that I can't afford an ACOM

73
John
W4BXI

262. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 19:03:04 UTC
From: alsopb
Topic: 261 Message: 262

HI John,

Really wished for 87A but I guess the extra few hundred bucks for the ALPHA
and the replacement tube cost differences drove me to ACOM.

Also expected lots of high SWR trips from ALPHA based upon experience
with borrowed ALPHA89 here. Operate all bands and modes here.
Keeping SWR down everywhere on all antennas has proved to be too
difficult to accomplish here.

73 de Brian/K3KO

w4bxi@... wrote:
>
>
> Hi OM
>
> I am here, but my 87A is doing so fine, that I can't afford an ACOM
>
> 73
> John
> W4BXI
>
> To unsubscribe, send an empty message to:
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263. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 19:30:40 UTC
From: w4bxi@aol.com
Topic: 261 Message: 263

Hi Brian

tks for your response.

I have found the Alpha "auto tune" a little missleading.

I did get the auto tune auto match -
whatever the name of the $100 kit is, but
in talking to Alpha folks on the phone, I gather that it really doesn't kick
in
until the rig is into the 1 kw range.

If my SWR is off at 100 watts it will be even more so at 1 kw!

My problems seem to be I like to roam all over all bands and all modes,
with multiband wire antennas and ant tuners;
the Alpha just doesn't care for that --

When I do a big QSY, I need to go back to vy low power and tune the AT,
then continue to bring up the power and adj the AT,
then kick in the Alpha.

(I know you were looking for ACom comments - sorry I'm only on the list
to rec comments --
maybe my experience will make you happy with your ACOM!)

73
John

264. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 19:38:47 UTC
From: Bob Naumann - N5NJ
Topic: 261 Message: 264

Brian,

There's nothing to be concerned with on the Acom.

That's the beauty of it. It's so well protected that you can't hurt it. Even if you were to blow the tubes, a replacement pair is only about $200. I bought a pair just in case from the guy in Florida.

73,
Bob

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <w4bxi@...>
To: <acom-list@egroups.com>
Sent: Monday, September 04, 2000 19:30
Subject: Re: [acom-list] Anybody out there?

> ------------------------- eGroups
Sponsor ---------------------------~-~>
> GET A NEXTCARD VISA, in 30 seconds! Get rates
> of 2.9% Intro or 9.9% Ongoing APR* and no annual fee!
> Apply NOW!
> http://click.egroups.com/1/7872/7/_/17002/_/968095844/
> ---
-_->
>
> Hi Brian
>
> tks for your response.
>
> I have found the Alpha "auto tune" a little missleading.
>
> I did get the auto tune auto match -
> whatever the name of the $100 kit is, but
> in talking to Alpha folks on the phone, I gather that it really
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> in
> until the rig is into the 1 kw range.
>
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>
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> with multiband wire antennas and ant tuners;
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>
> When I do a big QSY, I need to go back to vy low power and tune the
AT,
> then continue to bring up the power and adj the AT,
> then kick in the Alpha.
>
> (I know you were looking for ACom comments - sorry I'm only on the
list
> to rec comments --
> maybe my experience will make you happy with your ACOM!)
>
> 73
> John
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

265. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-04 22:06:29 UTC
From: Barry Kutner
Topic: 260 Message: 265

Hi Brian,
Welcome aboard! I can't think of any surprises to look out for. You can find complete archives of this list at www.egroups.com. I do know Yahoo just bought egroups within the last few weeks, but there haven't been any operational changes (so far). The list has been pretty quiet, which I guess is a good sign, cuz most folks only get vocal when they have problems :.)
73 Barry W2UP (list moderator)

On 4 Sep 00, alsopb wrote:

>
> Can't seem to find any archives of past postings.
>
> Expecting arrival of ACOM2000A next week.
>
> Any problems to look out for?
>
> 73 de Brian/K3KO
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

266. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-05 01:36:55 UTC
From: HARRY BURHANS
Topic: 261 Message: 266

SEVERAL PEOPLE INCLUDING ME HAVE HAD PROBLEMS WITH LOW
HEATER VOLTAGE DUE TO BAD SOLDER CONNECTIONS OF THE
HEATER LEADS TO THE PRINTED CIRCUIT BOARD. I SENT MY
AMP BACK TO KRASSY AND 16 DAYS LATER I RECEIVED IT. NO
PROBLEMS SINCE. YOU ARE GOING TO L O V E YOUR ACOM.
73, HARRY
--- alsopb <alsopb@...> wrote:
> Can't seem to find any archives of past postings.
>
> Expecting arrival of ACOM2000A next week.
>
> Any problems to look out for?
>
> 73 de Brian/K3KO
>

267. RE: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-05 02:09:33 UTC
From: Will
Topic: 261 Message: 267

I just wonder where the software went.
Will, K6NDV

-----Original Message-----
From: HARRY BURHANS [mailto:hburhans@...]
Sent: Monday, September 04, 2000 6:37 PM
To: acom-list@egroups.com
Subject: Re: [acom-list] Anybody out there?

SEVERAL PEOPLE INCLUDING ME HAVE HAD PROBLEMS WITH LOW
HEATER VOLTAGE DUE TO BAD SOLDER CONNECTIONS OF THE
HEATER LEADS TO THE PRINTED CIRCUIT BOARD. I SENT MY
AMP BACK TO KRASSY AND 16 DAYS LATER I RECEIVED IT. NO
PROBLEMS SINCE. YOU ARE GOING TO L O V E YOUR ACOM.
73, HARRY
--- alsopb <alsopb@...> wrote:
> Can't seem to find any archives of past postings.
>
> Expecting arrival of ACOM2000A next week.
>
> Any problems to look out for?
>
> 73 de Brian/K3KO
>

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

268. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-05 11:45:58 UTC
From: k5yg@aol.com
Topic: 261 Message: 268

In a message dated 9/4/00 12:14:24 PM Central Daylight Time,
alsopb@... writes:

<< an't seem to find any archives of past postings.

Expecting arrival of ACOM2000A next week.

Any problems to look out for?

73 de Brian/K3KO >>

Hi Brian,

Congrats - No problems for me to report - Mine is great! Got it a month or so
ago.

73, Bill - K5YG

269. Acom: Nice Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-05 12:22:40 UTC
From: Richard Thorne
Topic: 269 Message: 269

Mine is working great. I've had it about a year and all is well. Works great in my remote controlled station.

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M0
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

270. Re: [acom-list] Anybody out there?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-05 14:16:03 UTC
From: DF3IAL@T-ONLINE.DE
Topic: 261 Message: 270

Sorry to report a bad experience:
After 100 QSO?s the antenna relay got stuck... Tapping it releases it but
after a few operations it sticks again. No spare part available in Germany
and the dealers technician is going on leave. Will have to wait..
Otherwise I am impressed with it especially the very low noise fan.

73 Andy DF3IAL SM4CNN
----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@egroups.com>
Sent: 04 September, 2000 19:13
Subject: [acom-list] Anybody out there?

> Can't seem to find any archives of past postings.
>
> Expecting arrival of ACOM2000A next week.
>
> Any problems to look out for?
>
> 73 de Brian/K3KO
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

271. How to (multiple ants/band)?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-07 19:11:03 UTC
From: alsopb
Topic: 271 Message: 271

Guys,

I have my own automated antenna switching system. I try to have two antennas/band
available. Which one to use at a particular time is determined by flipping a switch. I need to tell the ACOM amp that I am using antenna #x now and then have it select the proper tune info from its memory when it goes to xmit. Something like a simple off-on or BCD signal to the ACOM. This would be the preferred route.

Alternatively, I could select the antenna # from the ACOM and tell my switching circuit to change if it could only output a suitable signal. I don't like this because most likely I'd always be on the wrong menu. It would probably not activate the antenna while in the receive mode anyhow. Receive mode is how which antenna to use is determined.

I am not interested in doing this the hard way (via computer hookup to the ACOM).
I already have my computer fully occupied with other station controls and logging.
I don't need another keyboard on the desk!

The first route would also solve another problem. The band segments appear somewhat wider than desired on certain bands. It would be desirable to break up the band segment (via such a signal) into a CW "antenna" , RTTY "antenna" and SSB "antenna" via similar input and assure best tune for each.

Any ideas?

73 de Brian/K3KO

272. Re: software's

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-08 11:21:05 UTC
From: aa1nd@aol.com
Topic: 272 Message: 272

Hi Will ,
The software's will be finally available this Monday. Gerry W1VE doing final setup and I will inform everybody where and how to download the software's. Sorry it takes little longer that we expect. The developer of the software's is a very busy man. The smart people are usually busy this days. The good news is that this software's will be free for everybody who have ACOM 2000A in US until now.
Krassy K1LZ

273. Alpha closing down!

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-08 19:25:36 UTC
From: Barry Kutner
Topic: 273 Message: 273

I thought this would interest Acom enthusiasts. The following comes from Alpha's Web page:

A message to all ALPHA customers, fans and friends...

As you know, we sold Ehrhorn Technological Operations, Inc. several years ago. I subsequently repurchased the ALPHA amateur radio amplifier line that long had been ETO□s raison d□être, and incorporated it as Alpha/Power, Inc. Although I had devoted 25 years to ETO/ALPHA and wanted to pursue other interests long postponed, I also strongly wanted the ALPHA tradition to be carried on.

Fortunately, almost three years ago I was able to persuade John Brosnahan, W0UN, to become president and technical director of Alpha/Power. Under John□s leadership, Alpha/Power□s worldwide reputation for delivering the most advanced and finest HF power amplifiers and customer service in amateur radio has been enhanced even more. But a combination of health issues and family obligations now makes it impossible for John to continue devoting all or most of his time to ALPHA operations.

We□ve had a great run of more than three decades "on top" ... I□m not willing to risk that ALPHA legacy. Nor am I aware of any person or entity with the desire, the proven ability, the commitment, and the resources to acquire ALPHA and perpetuate the standards to which we□ve been dedicated for thirty-one years. In the event such interest does exist, however, we remain open to serious discussions. In the meantime...

When the current run of ALPHA 87A and ALPHA 99 amplifiers is completed, we will terminate engineering and manufacturing operations.

Warranty and post-warranty service will continue to be available
at ALPHA/POWER in Longmont, Colorado - at its current street
and e-mail addresses, phone and FAX numbers. Every warranty
will be honored in full. And, of course, this final batch of new
amplifiers will carry ALPHA□s standard 4-year, non-prorated
limited warranty.

--
Barry Kutner, W2UP Internet: w2up@...m
Newtown, PA FRC alternate: barry@...

274. Where's the ACOM 1000?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-08 20:43:08 UTC
From: Gene Alan Williamson C.
Topic: 274 Message: 274

Anyone know what became of the ACOM 1000?

73 Gene N7YW <genewill@...>

275. Re: [acom-list] Where's the ACOM 1000?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-08 22:12:34 UTC
From: Ron Stone, Vine Antennas
Topic: 274 Message: 275

In message <200009082044.NAA85964@...>, Gene Alan Williamson C. writes > > Anyone know what became of the ACOM 1000? > >73 Gene N7YW > >To unsubscribe, send an empty message to: > >acom-list-unsubscribe@egroups.com > Well I know what happened to unit #00001. It is sitting in my shack, doing an excellent job. We have it here because we are the UK agents for ACOM. Our next step is to get it tested to the European consumer regulations and then release it into our market. [Section: 1/1 File: yertiz.JPG UUencoded by: Turnpike Integrated Version 4.02 U] begin 644 yertiz.JPG

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M'MD9Z$UMV-UI-JL+&C'#]O+)`R8N_1''\8*-M,(+E0L&LV4,
M9`TVPE?SBX=VE9E!&`F`^"`1GD9SWQQ4-[JKZI)$TD,:M#"L*K;62P@JHP"P
M11N;IECECW)J6[%W3V*FK:!?2PAX(A*5`8HKKO';!4G.>.F,US%S:SVCB.Z@
MD@:F%2+?+?4FK"7Q6T*Y)SCM7Z:_\`!.KGX)Z__P!C5O)4A41M%./,C(X)&?PK5&U+X2H^G26SF:TD
M+KD80]0/KZ#\>IJ/6V@U/1YH;U-KPNC[':I;../4X)&/>E4ASTY178WIS]G
M5C)]&CB)],@E908E=0I5PXR&'O\`XUAW>BZ?/($T:);(Q`"=X>%CW$D87H6)
M!YQQR?0'YRC=M11]9BXPC%S9S7Q8A6V^'&K164_V>64P1!P=I(,Z*1\HS@@D
```

```
M8`Q@GM5G0)?,U'Q1*K`AM5V@@?W;>!#^14C\*]B-E"RV/F7)RJW9KSN%B<^B
MDUPG@WPW:>*O`W]GZB9/LSS%SY3[6)#9XZ\<5Q8B7*D_,]##0YW*/D8FI_!#
M2)M5AM]-U^6R:Y!$5L\'G-\IY.X$8Z'&01U]..EMOV:O#8MI);[5-6)C0/*X
MNHHT4<#/*<#D=S6ZK6BFSSYTOWC2V-GPQ\"/A\T4Z[#X@P%WR2WI9D#`?"GES/-
MX9:M\'_"-TTKKI@MC(NQA;RO"A7.<%58+U`/3J!7`:C\$;
M"UBO$TS4[R+[1&8PLX25$&0>`5![8Z]"?6A5%+XD3*DX_"SSC6O@E=PJIANK
M.X9>.8#`,>OR$@GZBON/]A3P])X:^$NN64P;>?$DTA)((;-M:C(X''&.0#P:
M[:4DW9,\^O&RNT>S_%$9T"VYQ_IB_P#H#UY9&1L.\X7N37:MC.EL.%Q;@?(^ M_P"E1W4=M=QNC90DJPX(^8$$'CD
=.HIIV9NTI*QQGB"U>TU(-:G-MVXME\F1CNG=SODEX.=H'`&5`R>W3N>*EAK5ISV7
M0[\1C$\-3I[RZ_+^KGF/Q.\^&V\.VK+%Y-]XALH)-V%#(&9S][OE,`#D]N:/
M"@VZ=>O@!GU74"W/4BZE4?H!^5'+RHY5+FF6=:NEMM+O9I#M$<#G/X55^&<3
M6GA6'=G+`D#TRD;;A))463RU9U`D<8#$$@9 M)XSWK1E\(Z)J"3)>Z?;W`F??(YA57^:U48RC:2N>;4NYO4Z
M2QM([9Y3"WEI(^_RP`$3Y0N%4<*/E!P.Y)[U>%NDB\M+_P`!D*_R-/1=!)-* MUPNM/AN[2:VN%NI(9D*2*+AE)4\
8R&!'%6Y0?[*E3:ZA6C&9&W,,0&&>_I7-W[<,>GK7.CHD])MG4E8Q=>A<[)9&/RJ0H/&,XSC]/PS7.PHPA
M82.Q(8NWS'`]..G3^E)NS(LF1Q6D.HQ+%<1)+&N'"NH8$ABRX![@X(]P#67?
M^$?L\/F:?'`"NXEXTC"`N269^.Y)))[DD]36,EH7%V9P'B[0]8U#2Y;#3;-I
M9YW57!=5PG4G#$9';BM71+&32],CMG0QF-0"",$<>GXBO*Q:E>+MH>Q@Y1?,
MKZFG8^)-"L+9+:ZU2ULG0L62XE$)W%B6P'QGDGD=:T[7QGX=`=!X@TI@PQC[
M=%_\571%-H\Z;M)W+MGXLT.[F6&UUK3IKC:F8X[V-F&&YX#5LQ>82I'/H#[97\07H@%P2D*;6D=R.N`,G`XR>
M@R/45SQ3D[(WE:*NR2^T""*P:2YU.*%XU9I973]T@'.22PX`ZDD=,X'2OH#]
MD2_M-1^'6LS:=J4&J6_]OS!98;62`+^XMSM*N22<$'/`P0,<&M<)4=2H]-CC
MQ44J6YZ-\5&V^'[0YQ_IJ?\`H#UY9'-QG/;%>RMCBH_"2"7L#C'K3C,4#,P.
M0.H&::W.A[%&ZO&ET^&1=PE>(,588*GMD=CR?\\5RMQ(+>SV2\2S$ECW`SS6
MGO5B36K.4F-7$K#@@=`?7/3\J'$E21$\:2ND_R M_(/Z?G7/5AS4VC>C/EJQ8FE64$FF,=
M?LH+JP1"\:O8QF-D*QD;LY);$982Y%PSBVBF5L
M]`AC^8YSU8&L*,>=N**.NZ#\/]T4O_"N-2U1`N3)I,42H.F?E2=<_
M@#5-/"?P;NTQ<^$_$=I-T:(:;K.Y/^!1`K^3&ME*5KW7]>IARPOU_KT(/^%/
M_"/49C+:ZAXGT&-"3FZCNK9!GKAKN'GC(Z]S6Q8?#CX5Z1\MI\3KNQD(QNB\
M16D3CU`PHQG_`#UJI2G)62O^(1A!.[E^AOQ_`_3-5@:30?B-XDN+65-JN^HB M<*200ZM&4!/&.]2,9
M?)'D'#$C)Z_YZ545J:R>A0EDFPRDJAP,!3QTXKB_$CW%HLR6S0379(VM+(40
M^Q(!(`]`/\:B2M=C3V.3D\37MNSKJ.CW5U&I&W[%/$\97CGYF4GZ;>W>K<7Q
M,TN*:."WADMWE^6(W-G/$7;^Z-\8!/L&S2C-2\A2IRBKK4K7/Q-M(I@=0BU"
M4*VW>EA*B*Q.!CB@9P>,]![DYK@46I'1.2:N9*>,[0IN-O=*,=T7'_H520^,
MM-G?'F21>IDCP*V]G)&"J19I6_C6UL-IKH$IXAF(]);
MQE_]"-"4HO5`W&2T8^T\8W,DWE0ZLET2"#&TRS@C_=;(Q^%4=>M+<:9+JD-I
M:6NIBZB47=M9Q02@%9"1O103T7KZ"MTVMM#%V,JSU;Q%?7]O#!XW\:0QFR\^
M5EUN7:CD@*G4XQ\W!]L5]N_LCB_'PXU7^UM:U/79?[I!-<$(2QW'U)[^M><:[J)N]0D
M*M\J?*!G\_\`/M64_A-(?$9#S$CDFL?7-=M="LGN[]G$2G'RH6^G3I6%C>]S
MV;X+^&-%\?\`A72->TJROKZ>6]>WO[D"W>&S()'RQSJ0X\MT+!XV.<,A&W#>
MQ7/PF\->'M`U"3Q#J6J:MX=MK>2:XT_4+G=8Q(I\QI!!$@&Y,%U`'#`%0&"D
M6D[G-5E&,59W;O=:Z=OO/+/B/X%0^$VU+PO?#Q%H=Q=07<=[9[985CBFWG+H
MQ!"A`"W`S^5?*WBV51H\B-PSNJC/^\I_H:RDFIV8)WB<@03`-O&!Z_Y]*IA#
MG@'-=)SEN*,H1DX_3-7H(E+`E1R>N*I$L[>V\*^;X7N=71`3:7-J58#)!>XC
M3]0Q'XU4\0SA/#4_RXQ=PY(SD_)+S14=FBJ:T.)M_$RVVFPZOF=K"UN-DT:`
M%@1%M!QQP2_))ZJF!R:^\_V+]>M?$7PLU6[L5D2(:],A$B@$'[/;GL2.A%05
M/X;'H/QN8IX5LL,5SJ*#@=?W&Q7D:@Y?'`QQT.?UJ^A?4P](X+G`K(U/7_V`_%4\VB^+O##+#Y-E=17\)`;S':53
M'("/CA_:/B_X9:[HO@D2ZG>2N(+UM,O5CFMEC/F2J`IW
M,QV+&T74B7&#R#MJXG%-)5#XW\'Q^+?A;X6TG6/#'B+4_#NJS3RV]_IMS`'A
M,J)<-LDA*.U^,FAOX!UYY&,?B/P_&9=/FEV MRL&GM^7`+,N<;G2.:\:_`WQ'X6TMM;T.6U\8>%'#R1:U
MHDHN8?+0R9:0+DIM6(EV&Z-2=N\FO*$E/`(Z?0_A6_DSF>A;2X4[>!C'-64N
M%4`YP3S^5-:"9UMIXN=/#-WI`;"75Q;)R$;'24=%Q@B+B(E*"DK+"L:(#`S
```

```
M+RHS)RLK*@$'"`@*"0H4"PL4*AP8'"HJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ
M*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ`@<("`H)"A0+"Q0J'!@<*BHJ
M*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ*BHJ
M*BK_Q`&B```!!0$!`0$!`0`````````````0(#!`4&!P@)"@L0``(!`P,"!`,%
M!00$```!?0$"`P`$$042(3%!!A-180'EZ@X2%AH>(B8J2DY25EI>8F9JBHZ2EIJ>HJ:JRL[2UMK>XN;K"P\3%
MQL?(R;GZ.GJ\?+S]/7V]_CY^@$``P$!`0$!`0$!
M`0`````````$"`P0%!@<("0H+$0`"`0($!`,$!P4$!``!`G<``0(#$00%(3$&
M$D%1!V%Q$R(R@0@40I&AL<$)(S-2\!5B7J"@X2%AH>(B8J2 MDY25EI>8F9JBHZ2EIJ>HJ:JRL[2UMK>XN;K"P\3%
QL?(RKR\_3U]O?X^?K_P``1"``'@`H`#`2$``A$!`Q$"_]H`#`,!``(1
M`Q$`/P#Z1HH`\F^.,0E_L/)8$?:,$'_KG7DO(Y/X'C^592W+6Q
M`ZE`QE5@5&0V2"/QZ_ADU%:[XX'D'+%L]>OMQ_A4//)656!#
M#&"I_P`_2KKSQA-QD"9X^:FGH3.-G88;968-(A4@=<\NX']?Z5G4.BGL
MC,T#_1O!=[-TW!N?H,5C^!H?,\2Q$C.Q&;/^?K0M#HEN>G77%NQR!Q6.Q\N,
MX"DLL9O4B)&2SQY,>5`QQVI\P-2KK4K0NQZF4XN!QZK5N&[ MAG`VN`3T!JU(S<2?&?I44UI#<(R31JZDG
MY5A/H_B30',EC,T\2GHISG\*I/N6F7++QTT;>3K5J48<%E']*Z.TU2PU%,V=
MRA)_A)P?RHV*W+!5AU7/N#3-O)P?P-6F92C8520,$&I%;"Y%,D<&XX_&ER2.
M:+C#.*`Q['\*!#<\]:7.*`#=STI<@#J*`$SDTN.,T``)QC^M'/K0P#CL:3(H
M`:S`<&F,V#UX-,5QA?TJ%G).`*!"B)FY;@5#=7=K81%[F54`]32;L:1CW.=G
M\>01W`6WMFDB!P6)P?P%=-;W"75NDT;';(H8<5"9H5Y[&Z:Y\R"\=%+@F,XV
MXK2>1+>+=(<8JF]#G4&IMW*+ZJ-KI@W+?P M+@_K0EGO5R;6--TL"VMP'<=(HADU6K
MT1&VI8U%@WV23D`N".:TN,.`,^E5W)?YU9>CJ1',ISP_>CH
M(OGVKU3X)`@ZYG_IW_\`:E-;B>QZM16AD%%`'E/QM\S.A^6JM_Q\9!./^>=>
M5)*K.48%6'9JREN:1V)#&DJ%6`93P<\U6GTQ9(=D3M&`/E4'@5+6A<96*\>G
MSPSF?"YV\A3G<:ANURIB"D!1N8&E;W2FTY7'+-(TL2P.=F>6!^]QFK%M?A@[
M.!L4X!'%"82@K%R&\@EV[7`9AD*W!JVHXXQS57,^5H>!3L#%(HCNCLM9#Z*:
MY,NS@%QD;L54=S*J]CLK=0MK&%&!MXXKD?B%*!9VT/&6DSC]/ZUG,ZJ?0A8?
M9OAN_3]Y&2/Q-5/AY#OU>9\?=B_F:&;/=G?7YVVCD=^*R((@\\:OUSC'M64_ MB(CL:\H6TM)&BBSM!(4=S5>6*V-
HD]PGEE@,X'()JK:$-B%ES]:NQZJN=LJ$'N10I6!Q+DZ)8Z@N+FW1CCKCFN9O?``C82Z!MW/7<.*=NQHG=&Y$8IT\R
VF5U/H?J,Y M5,8->AZ%SI%K@_\`+,41%(V(L$].*KZG&72,"8P\D;Q]*JUT1%VDFRI9:=:W
M.E>6T8$;H%?!^]@T]K^QL,6MG&KNQQM3^IHBG:PZTKSW6:3.,^_7\*N_1&7FQUZ\TEO$\L?E_O!M'M6N!QUI
M`,N%_<-[560904BN@I'R]#5#2^%G'I(>U,EE[%,,0+;CZ4=0&0O#(&\D@[6V
MMCL:D(XI)W"2:=AI'ZUEZ6@66Y48'SYP!CUI]"30('IUKU+X*==;_P"V'_M2
MFMQ2V/5**T,@HH`\<^/U])8_\(^T:JP;[3N!_P"V5>5VNNVD^!*-C>F,UG):
MC4[.QHPB%SO@9?\`@-3`#'-2:B[?6H9;;S"=RJZL,8(_K2#8JO9(CHZ9C\L'
M:&Y'3UJM)9/%9$@;F;@LO.YSC/%<_;QB6XB2/Y5+9YZU43*IND= M@J[4`ST%I
M#):1E`D1,>UMV1ZTT_:47YT$X]A@T[I[@M-B&>"T>0*X,3LN[/I44FG2@!H7 M#KVK-Q-%(K-&\7,@9#W`J>*^FB/
7S%]#4W:*ML34?">F7ZL7A$;D??3@U5["3.1@L9M%\50V5OD*`.`*M;%H1HT.1C!]JB,+9XY%.]A-7&%#CH1]:B*D=
N*I,S:L&><49] MZ8@SQUHSQ0(3CUHW#I2N"#!FF#&F3'>HC(6X`-%A7#83]_BH+K4+6 MR4[W&1V')I-V+C&^YSUW
XCN;I_)TZ(DGCY>3_P#6HM/"]S>OYVJS,`>=F)5QWQ5L`8P,>]-*QFW<\V\5KC7Y\CKC^5=IX?_P"01:Y_
MYYBG'8U9MQ#YJED19(F5U#`CD$4S*6YG1V_GZ5Y*R"+G`/IS1:6=I892RA\R
M4_-NQUJB?,M^0TSXN9,`]$!JU#'#&NR+&!U`I!ZE76>+-6]'%7X_FC4^H%5T
M#J)./W#9ZU4C'[L<5+&MA<5GZ;_KKI1VDIH3-#;367(]*!&?IMG):M.9>"S\
M8Z$>M699"&V*.?6IBK:&E:2E*Z(=1OX=-LCZ@9/T'ZUO"'-J]CFE.VB.GB;S($8]64']*]5^"PQ_;7_;#_P!J
M5FMQO8]3HK0S"B@#QSX_V,]VF@O;'+1?:,K_``L^5_A7B%Q:RP2@3VI#`<%/
M2I>Y$HO<>)I`X^S-Y;J!D`]?>M&VUFZCE$4R;^<<_P"-)JX1DT:L.JV\A"NV
MQNX-75*NN48$>U1L="DF.QGM3#`A.YU3,N0@?4;>(@_)UVT
MXF,_B1UA'%>;>+F^T>+$C'\*JH_'_P#764MT=U/61I^.L1:%9PCO(!CZ+5KX
M=Q8TFXDY^>3'Z4V4]F=!JO\`JXUYY:H+`%KWV4<5D_B$MC395SEB1BE5><@Y
MS5F5A,8![TA^7''Y4@N,=$D&)$#C'<5&UJ-BB!VCVG=QWI7L`$3+`QFC60K
MTQWJOY-K.2(V\M^X/%#BGL4I-;D$FG2I]WYU]JK1EK>3!#Q\_2LVK&FY/_:-
MQ%MXW`^M:L3F6W5\8W#/6G%W)DK'$7`,GQ"B'H17=8XS6T=A]!#US2#&:H8'
```

```
M!X/0U&T8[4;!:Y7D1E^;''?BD*$J#@X]J$S)JPPY'K30V3GI5$"-TI`PQGB@
M8QY,`D5&KEN%RWX4`*Y2(;I7"_6L^YUVWME8J0=O_P!:G=ENR.@M-/MK)`MO$J`>@I\]Y#;)EVZ]
MA1L3K)F;>:A--&5MP5!&5`>GJ?3^M6[&".`N5+!VY;)ZXH$,UD?\`$M8XS@@_
MK5V`YMXSZJ*?08Z4?N6'MTJG&/W?XTF-;"[:SK#C4;M"#U!IDEN2XBC3+.OI
MU[U"MWYCQ[(RJL<9;C]*0$MP46$EVV#^]Z55>\4,!;QM,<=<'Q<(QCE^TY
M9>2N/*[?C7G\3PW,*R0NDJ-R&4Y%AJMT8:Q9?@UR:(`7$>[!QN%:,>I07!4DD<=#QFI:-8S3T9*\+3.LD#
M[%4=.NZG&ZX"A,L>,GH/*'J4G9F9'&<^6^UMIP0:W40)`J@8
M`%1%%R.'@'F_$-L]%/\`2NX8[:V0^ACZWX@BT6.&29"ZR/M..HXZU)9:[I]\
M@:"X3/\`=)P:IK2Y/-K8MM=1A6]Y$K>A84M0;2+,-W#.,Q2
M(Z^JG-2!%QA&(^E(>Z%V#:=^&]#CI4,D2J>#5)D.)6D1MIQC\*J@,C'/?WID
MV())P`?FX%9-WKB6N560[A_"IYJ9/L4HF,USJFLR[;97"D]?_KUK:?X0`P^H
M2M(W]T'BI3+=D=';6D%M%LBC5`/:DFOX8!P=[9Z+3O8BS;,ZYU&>5=JCRU]1
MUJ&.TFN.45LYZM6;]XU242.6&:VGVR[@.F?6MS20/LA*YQN(YIQ6HINZ.%\9
M9&NN<=4%==X:YT.V(_N_UK2(F]C=0#(J3'RFJ,Y$&G?\>[#/1S2O$BSET!W'
M[QID$B1E\[%SGOTJ=;<%<.?P7B@"'58P=,E`[#BI[/FRB/\`LBJZ!U)B/E/T
MJE'_`*L^QI,:$ED2*,NYPH[USL>JL-5OFMX&V1KEWE&P#I^)JHQYKD2E8TH;
M%BK,X6/O^>:4O96?+/O?U)R:D9%+<2WJ[(;;*9'+_SI!ITTP_TJX./[
MJ<"C06Y9CLK:$<1*3ZL,FDBM[>W#"W@BBW'G8H&?RH3860DL(D^9?O\`3.>E
M>I_!-61-:#')_N:ISZ+:3(5$83/0K6QQN*>YE3 MZ%>0QXAD$P)Z$=*I7%M/`H2Y1E`Z$#@&M$TSFE3<=189Y;>4>
71_>`ZTFKBC4:+:W-I=8:-E1^Q/%7A*L-N9)Y`%'\6:EZ'0I)ZF#J=
MS%/>J4&\$84U<\/1`O-,2=V<&FMC-6=0VY#A"?05YIH0-WXW:7K^]9N:Q?Q'
M?3ZDGC^0-JUO'G[L)./J?_K5V?A2(1>&;08QN7/YTPEL/U0`W$8'W@*?I:%6
MD)-9?:%T-&J_FLI(R<9[C/\`*M"!DC))Q(F1ZCFD"#(,4AZ?=J7H2[`6<'YE
MR/6GJZL>2!]:D?J.7AN*>0>2.AJA(:>!R.V*:O!/T-*X=3%7YIQ_O\^];S?Z MO\*4361PFCCS/'MRV,[2WZ"NTEZ
5JA]#@/'\Q9;:+/\`$37)644UQ']=LU.Y))HUZF%B^/PZ_I6"RN'(;.0>1Z4)IK03BT]2>SO[
MJRE#VT[QD>AZUWWAOQ2=2Q;W&Q9P.,G`>DU<$[,Z)KF1!EHFX]*AEO=_`0?C
M46-;E*4RL>'V@]!63>:C'8Y$\^YO[@/-)L5EN91N=2U=S'8Q-%&>K5HZ?X2A
M1A)?,97/.WM1Z`V=##!%;1[8U5%'I4%QJD$((0[V'I1L2DY&;/>W,X(SM4_P
MKUI]MI\TPR%V9/))J+W-;*)HQ6,,'#-YCCG!-2EI);7]VIB;MFK2,G*Y6UDD
M0QD=S4VB_P#'JRD]&I+<;^$XOQH/^)XW_7,?UKJO"N3H$&>PQ^M7$;Z&_'U'
MK4IX!JB)%73\F&0+@?.<<5;6$=7.X^]-F:&)=!K]K<+@*N0:MXI)W-9QY;%>
M_&;"8$?PT:G6FHRZ''>1NVQ;EE96(Q_JL_P!/RKR(>'=)
MEN!"IN48L5&#G!`SW'2N*M2A*=V>[@<;6HTE"&R&2>$K$2;/MDJDD`;@._`_ M6HW\,WVGX_L;5BDN2$AD&%)ARSC
J48_&>I:;(<'`VGZ^A'O6]8>+M)OMH,_D.?X91C]:VYK:'DN&ET;<25=,<`CK5*7:S`C&1NYKH-#4>2Y\L(2><
M=Z'L:4OB1;U!_*L)Y/[J$_I7G_@.,RZW-*?X48_F:Q^T>A#J4_&SE_%#KG[L
M:K_.O2M&B\K1+2/'2)?Y4T)[%/4#_IQR`/EXJSI2_N7;U-9+X@^R:&WTJLUN
MV[/![\<&K((W@;&[`^AZU$Z,#EU.??FD2P#MC@Y_6GAP5^=,GVJ6,<,;LQOS
MTQ3P7*D$9]Q3OW$AP)'!8'V-(V`K':1QUH99C0*&N$53U;)KPJ8E2.
M&\,`2>+KU_0M_.NRF'RFMD5T/-?'KYU"V3^ZC?J1_A6;X5C$GB&T';?FJMH9
M/XCUI?L^Q5EP#ZFJ.HZ%IU^,W,<4AQP6ZCZ'K6=GNC1R5[,Y6_\``$;9>PN"
MOHK_`##\QR/UKF+K0-7TJ3S6MWPIR)(CN`]^.GXU<9]R'#JCJ="\:JT:V^K? M*X&!+Z_6NC,MM<@/"Z2(W]TTFK,
:=U9B&W3!8>G2N/TVSAO?$-Y]I3<$QU:""VC"@+&HZ`<56GU1(R5B4L?6I;L2DV9[S3W1P7+9_A4<5/!IDLB
M9E`C'ZU&YI\)<@BMH5*P*))`,\\U86.65&$I$8(X"GD5>QDWK
M'K3VZ]#UIW)92U8#[/'NS]ZI-$)-LX`Q\U+[1H_@.-\:977,XS^Z'\S74^%"
M6T&#/O5H;V1O1_>!J8*>N:K0:?9VCE[:WC
MC8]2JTTVB&DR8L*9\S=.E24E<-@[FEP`.!3*25A"#28]JH3$(R<5Z=\&_P#F
M,_\`;#_VI36Y$_A9Z?15G,%%`'FWQ;61I]&VL!%MN`X/4G]WC'ZUY?#:W"WH
M/1!(9&W93Y2B,E=N15W,Y04MS$U+2+J+RQ%&TL:CYMI_+BM7PY
M&Z:>YD#`F0X#=1BM+WB8P@XU!?$LIA\.WC]S&0/QKF?A["2;N7V`_K6"^([H
M;,Y[Q&WG^+[@#G]\JC\A7K5JGEV<2#^%`/TJB7L9=\I:Z=P<@#IFK>F,#;GD
M!BE8K:V13V/+O'3`ZRB^D?K[U%X*BW M^)+L'J<]XIT&P.F3W1A4R*A9748.0..>_
```

```
MXUYWID\ZWL4<6YPTTF3_``5Z M5>QFW<<@6-<(H4>@H7@\CO2`E/`))P*%(SG'XFF@93U9";9>
MH6Y?V#D/&Z@:TO/_`"Q'\S72>$?FT"$>F:J(/9'0QC#"K`Z59G(RX9Q`;I59
M=_F9"D]:F"SSR9.<8^BTR/(GGD\JW\OS`K!>&/3-5%S*0(T>8CN>!32!D.IZ
M%?:DD#I<);O;OO1V#BKFF:*;6[:\NG5IRNP;1PH[ULJUJ?(C-T[RNR2#
M7+&XO9K59@LT+[61_E)SW&>H]ZAN'GCN688=&/Y5RU5)1T-Z;BWJ3!N`!002
M#FFKM!RZAL`&2,T8YQ5)#M83'3FCH.G2F)B&F]_K3`;C'->G_!L8_MD?]O-C8S+1&C`;
M('7IQ6?+),Z.>BX[:@AU10FX`D@[N!P<#'ZYI\$U^]TL=Q;J(22&;VQQ3]ZX
MN6BU>YF:S;:=-<_9F6*5P,O$V#MSTXKF+WP9IMP2UN'MG/>,\?E6B9QF)=>$
MM3M#FTDCND'8_*WZUGB?4-,D_>I<6Q'?D#\ZAP3U1M&I96EJC_45&JT9;@GK$Z*TU2QO5S;7,;^V>:N`#'&*JYD
MTSFO'$QB\.R`<%V"U5\!Q;-%FD_O2?RI+XC6'PLXUC]K\8G`)#7A_P#0J]BP
M%CQZ"J>Q#V.=-PLURV]0#N(W`TZWD-M<;R25![&N=;W+L:*W-I';:2
M-GHIJ8[%,Y#P$N9[^0CJW]3773\*?I6W4IGD_C9L^(&&>D8_K5GP"N[7@?[J
M,?TK1_"91^(]!OM0_L^V$B`,[.D8!]/\YJ6>Q6YTU]J[7D&2>]9N/N7!3_>-
M=CG/+N=,*W$3J<=<')`/M6YIVH0:O;N-JB6)L,I[&N>C!PNF=->I"=FBCXK"
M1^&[DID;HSWZ<5Y=I0SJUNHS_K!G\ZZH]3FELCU9NF*Y+P\?3-#'IWI$CE.11N&[`YQ
MVH'8>I+#!&VI$VDXZGUIH"GK(_T1RQ!I[<$1OZ9Q_A4S*&//Y4VVT5&.MQ"`#
M@#I3B.])%B=>.])CYOI3%8#C)I,?RH$)VS3<<F_!SKK/\`VP_]
MJ52W,Y_"STZBK.4**`/+_C-"TO\`8Q214*^?P3C/^KKR9/[0AN?WX;RHV+HP
M;(/UYY^GTKCJNTMSNHJ7(G8LPZA''-LEEF#2Y.,Y'_UJN1WT:RX^TR,!_#LS
MFE&HC6W,[6--&#H&'0C(S5/6M6@T32+B_NC\D*Y"YY=NRCW)XK=[:'.]#P"\
MU*ZO=2FO[B9OM$[EW92>/8>PZ"K]IXKU>SP%N3(H_AE&[_Z]:V5K,P3=[F[9
M_$`''`OK3ZM$W]#6Y;>)-'U!`HN$4GC9,-O\`/BH<'T-%-=1+GP]I-^-XA0$\
M[XCC^58]QX.ECR;*\)`_AE7^HJ'KN:Q=G=&9)IVK6#9,,F%_BA.?_K_I5ZQ\
M9:K8L$,Y<#JDHZ5+AV-5-2^(GUOQ6^NV$=M)"(V5MQ8'@_YS79>%D^S^%HV/
M5MS&HCNR[6B<)X>`G\66['HTQ;G\Z]AX9>O6FV9R6AG/HL/F!T8KSG'K39=-
MD"L(RIR<\BH:!2*1MYXP2T1`[D=Z:CF-QMD(%19HNZ9;CU":,_WU]ZMIJ*,H
M,@*YIW)<299(I.4<.*NZJVS39V](S_*E'8J6YRWP^3_`$.[?U627=J\94%D8.F>QQ_^NKN/E]1
MC!%1?W;!;WFS"LM/,>I7@NFC*3$F-2.H-9&FZ3>Z1KJDN/(GD91SG/<9H1C*
M+LO(N>,V">';H9^GXX_QKS;0UW:[:C_IJO\`.G$UET/4NK5R/AO_`)"^H_\`
M71NW^T:5]"V7+I2=6'&<%3SZ5T80;?FX&*S6X/9!B,]04-&YF[G]:FA!$F2:TZ$[D.KL5LP<`_-3=$/[N
M4$]#23U+?PG+>.@!JL)'_/+^M;?@K']@K[2'K5QW!K1'3X&1ZU,Z"2-D;HPQ
M5&;,K3]!2SOY;N69IY).`6&,`=*UQTK2<^=W,XQ44/WJGWC33=J#A5)J#11(
MVGE?O@>U,.2>23F@JU@Q^%%,!H'.:=C]:;8"8Z4F.30(3M0>*`&D<<4G2@&)
MSWKTSX.C']L_]L/_`&I36YE/X6>FT5H6_&C1[76!H\=TF=BW&QQPR$
M^7TKPC5?#.H:/ND@9YK*\V,W$^BQ.6TZZYHZ,W+/Q+&80JW#(X&,/W
M_&J>OV>H>)M,CB:X$8CDWJ&7AC@C^OZ5VTZKEKV/E<5@YX=N,UNU9EOX?NKRR:>!#N5]GDD?-P,YKOC-2/*<6F4
M'T^XC,OR%A"Q60KR%()'/X@U`593R"*T)+%MJ%W:-FVN)(\=E8XK;M/&VHP8
M$X2=?]H8/YTFDQIM;&W:>-K";`N8WA/KU%:7G:1JPQO@G)[,!G]:S<;&JDF5
MI/"=E)(K1.\([A3D?K770O;PZ3]BMR5Q&44MSSCK4[HU4K:'`7'A35K-#/$`
MX7H\+46_B#7-+P1.[)_=?FH;2-4KHWK'XCR+A;^T!]6C-=%8^,]'O2!Y_E,>
MSC%39]"'$V8KBWN$#12(X/\`=.::]K!*V6C&>W%#$G;4KR:4IR87*D]JJRV$
M\0Y'F`^E9N)2D5ANC!RC+[FI8[J:,\2Y%3JBM&64U,CB5/Q%.7[++RK;&)S5
MJ1#B300O&Q82AP>F:CU!Q]E*LP#'L*).Z$D5M-`-R2#P%XI_B!_+T2Z/I&:4 M=AO7^/;8IJDI_AVO\`I5TQ
M`XBQ^M4_A,U\1Z-'4#`$'!'O4+8&9VJ:9]ON;8J2OE ML6+@]!Z5_S"N!\-KO\`$%J,
M?\M`?I3CLQRZ'I_?Z9[5R7AD?\3343_TT/\`Z$:70MEJ[S_:O7H5Z5TH`*<\
MUF#V(_W:@D#F$L_'0>U)LD=LX&WK3?(&>>:20VRS$F%-,C`$[8%4@Z#-7
M"FS&[IGFH]%'[N0$8YZ^M*_O%?9.6\=J1J4'/6,_SK8\$8_L+'^V:TB'V3II
M&8(2@R0.`:D@G\Z,-@@]Z4I-22'RWC:878\#BK,TANWYLFG!?UIE"
MG@=.M!QF@0G>C\*8"8ZC\J.F*`%(XIN.:``#)'K00":!#<77GPNK>X
M0>7*K98=ZSQO!/EN8^L^$+34=TUKBVG/.5'RM]17#7^EW>FRA+N(J#]UQ
MRK?0UYN)HV?-$^PRC,.=>QJ/7H6_#FE'5M7CB8$PH=\GI@=OQKTV2WB?8AC7
```

```
M&>F*WPD/WA6:>!-CN`3S][_.:R9M*:2XW.J/$1@KBJ
MJ1Y971X4-494VA6=HS"UMW07#`2`<@\D\@^Y-4)O"D,=W)-/##+`Z!1$@\O:
M0Y+(H`PWUY/I^E2_:':$A\!^=Q'115;D)
M6.3\>S1MX<1HCN1RNT^O.:X[PA&9/$4)'\.3^E5#9CENCT?N:Y/POSJ&H?\`
M70_S-+H6R[>$?VJ,#!)`KH!O^0*><_O#6L=R7\*.K4=O:EZ?=``]JJUP%
M`ZY_"E`P?>@0N.Y[4M,!",BD]\TQ!T-``'K0`F.?;-+C`H`/6DXH`0<#KS1C-
M,!#S36(`P328AI5B-P0D>M>D_!QB3K(*D8\C_P!J4)ZF=3X6>G45L<@44`>;
M_%RUBNX]*2=">M:TY14;(>(J3K3YY;A?$?9<#N0*I#]:RJO45-:#8E!C&1
MUYIR6,,ZN)$!&?Z4J:3D.H[1&S:4LBF-'P"N.1TK,E\-Q[8_/A2:1&W+)CY@
M>N?Y5HZ;6L3-3OHS+NO#TEY:313!H)#E5=@&(ZJ$FHD1B../C^$YY%_<`YQ_2J[384[5`YZ$XQ^50
MKO*>O0/(N6U_J5LV+.[D*CH"?\YK6MO'N
MH6W%Y`DJ@#GH35J2>YG*'8W;'Q]I5T`)B\!/]X9%;MMJ-E>KFWN(I`?1J;3,
M6K$DMI#,`&0<>E59M-7;^[/0'`-)JXTR/3K2:WN6,JX&WJ#5#QH^WPY/CO@?
MK0D#>H_P()*OL".XB)[K)\AK5:6&:U>/&U77&5Y'YBI::W&N66QQ'CB-;
M7PY:6JR!]C*NX=S@U1\!6>;B:[;LNU/?UJXOW62U:21VA`R:Y+PJ,WVH$]Y/
MZFET*>Q=N@/[6X&>5KI%4;1Q68WLAP.U<=J:$Y)'>F0-)V\L0![FJLVI6\).
M#O()*5QI,IOJLLH8Q*$],]:I9EG9@VZ3^E3=O8U2MN:46ERR0C*A`:N:;I7V
M$EFDW,PQC'%5%69,I71RWCT?Z9:8_N-_2M+P+@Z*_P#UU-7'AI>,]
M.E6(4=.E+C\*``=Z/>F(.U&.*`L(1Q2X/!YH`,4?A1<04WB@`Z4F.*8"8
M1^32>PNAL*=?%>>.%M($C8W>=C_QRO/HYHI9`4D5@!V-83:YK'337NDCC,9]^*>45
MA\P!^M27J59--M;F+$D?4DY!Q4$FD@JT<$I0!<#VJ7$I,KM;W=I&B3S&0DGD
M5'!=W!WB6/:5.`3WK"3UU-([$D6H0^=]G.=Z*"1[5HVUQ%LVEP&))P36E)VE
MJ3/5%A"#*Q!SP*S111@RE<9YS7">(?%5I#*\-BHWC[T@XQ
M64TF:0N<3>:G25?NJ`/I6T;&4E*UR6VU.2!ASTZUV&D76FZS$MO=PH7)Z]"?Q%-
MQL[D*2:U-&Z^'UI-\UG#M9L6W6Q,@'0Q.0?RJ[B(X=>\1:.^
MR5Y2H[3+6S9_$9@0NH6G/=H_\*'&Y+78Z"R\8:1>@`7`1CV?BL_QM=12^'R(
MW#AG7[IS6=FMR;:FKX84+X;M<<`KG]:U^U:%L:0,&N?\2^'H]9LBOW9DY1O0
MT]G<35SRPP2Z7J82\C*-$X++[>U=4NMZ=>+@NHR/NN,5AB(2=FBJ4DM&))H>
MGW1#+&HSQN0X_E61J,U_X;ODCLK^;:R[@&.<>U10J2YN60581MS(BNM6U/Q*
M\%C(J.P?(*)@GZUZ)I.E1Z3I<=NH!=1\S8ZD]:ZY))61E&[=V2MR&]A7*^$A
MFYOCC'[S^IJ7L6RS>`+J_P`S8&0:WWD)0&+:0>^>*S3U"6R(9+N&)LR2Y(ZJ
MM0-JQ8$0(`/4T-A&)2DEFG)$A9_9>U/ATNXD8D+Y8_VN]*UR[J)I6VCQ*F9V M,A/X5X* M)R6J:S=Z[E
M*1\O6F`9I>/7/:@"*XO+>U3?D2\?F::39+DD
M8K_$2;[2K16,?DY^96<[B/J.!^M=%I7BK3-6*I'+Y,Q_Y92\'\.QHL)2[FUP
M>*7MS04(:7H<&@!.@Z>])@YS^5`6$QS6?K&KV^D0(\Y.Z0E8\#.6QGGTH8'/
M6_BZZF_>2Q1(%4Y7)PY`Z@_A4R:M!JFH65S;D[9(V#+W4@CC]:SC*]Q2.HBY
MB_"O1_A!]_6?^V'_`+4JX_$8S^%GIE%=!RA10!YU\6+)+P:2&8J5\[&/?97E
MD>@/:O*;:3=N;)#''-8SIW=SHA*R&/#J4%PI)<1Y''W@<9_^M^522ZQ-:1;G
MB,A!Y"CFL6I1-DTRW#JD7E*9`5`7-6+>\MY\O'*K`GCFFI)CL0ZDQ.P*1W-5
MHU\U2"0..M<\ES3L:QTB3-:0D[]BYQU`YI/[*BE$>0N5A0&
M0?QE1A?H*M[&E;]_.'?N6-3*R-8+FU99B@1QE^?\`"LR2,O(1&H'TX_R*E.[-.6R$M]/,\XBB7=ZD]*T;
MG0%5.5QM'S$]30YM,I4U8YVYL5C8KC!!XQ5:-GM)PT1*N#Q73"7,CBJ4^5W1
MU%OXRU:W02*%G48#(X^[6Q9?$>T)CW0Y%;1BI*W4Y9R<'KL=1975EK
M%L9(`LJ=""O2JE[X4TN\!)M@C'O'Q4V:9:=]3`O/A\C`M:7)'HKC^HK'E\'Z
MU%(L:H9$SP5?(IZ=1GI&DVKVFDVUO*`'C0!L>M7".?PI"$XQFD(YS0!C:WX=
ML]9@VW$?SC[CJ,,I^M>8Z[X:O=#DRZ^;`3\LRC^?I51?1D374I6O]I(P-F)\
MD\;`36U!X=UW7;A)+V-D4#&^48X^E)PBGS=24Y-$1F6]/K)_4T/83V)=2(>^D0,@8<^]"23$"(
M.6`'"@UCK?0TLN57+-OIMQ*I6EFO05S]SXFU;47\N$LF>B0C^
MM"395K+4+?PSJNH'S)T*;OXIFYK>LO!%K&H:]D:=O3H*M)+8&V_0Z"TTJTLU MVV\")[A>:O(@7!'%,![.J*22`!U
)[5F7GB72K'(ENT9A_"GS']*-7L)M+&-XB)$5NW(I6T*()-)MI%P%*Y]#5--"$49%NX`W$X/UK*5-,T4K
M&>;*YM;QQ([.,=/3)XHCN)H[K;C$9'4^M`.N:')-`D<7?7*A6PBY MQQQ6(KKYI9FWMW`[TH(MZ;FC!;O.P=TZG@=
```

```
OQ/6G7L)>0`?/+Z;I-.N-/BE8@1A<=6'%8S?4ZX+2Q/;:2FX;%/`P.*U(=/$.3)]
M[&3GTK%LZ8Q2U*ES#YK[0N`3^-5HM,DN)E@MT.6/S$4FK($N:5CJ;'1+?2[8
ML5)EQRQ%8^I;IZ2\$!DD_UK=!5670C+:.P^5\?
M+CO]:VC.QS3IWT,&"9[:9HG..<,*==VPFE$L0XSR!VYYKN3M),\N4>:-NQZC
MX/58]*9L87*@>_`KH@E4W=DVL.V@FE5<'.,4``ZYQ1ZTM!B=J;CGTHZ`A
M&YJ*6&.5=LB*P]"*0QHAC085%'T%+@?A2`#[U!-TZXH$4W(,;'VKF?!R_P#'
MV?63_&F]A&H^B^9?O<2-\K'.T5>BMX8>8T'3KBIL)RZ#;G4K2R3=/<(@'8FL
M*\\<6L6Y;6-IF'1N@H6HDC"N/$NKZFQCA8H&/"PCG\Z2U\,:I?ONN,Q@]6E; M)JU&VY5^QOV7@NTB(:Z9ICZ'@5O
VNGVUHNVW@1`/1:JX>9:"`5!74I0P5B,$A,M@`],!,>M<;XA+KJS6TB2)]EBC@'FC#,%
M4?,<>N]38J_0/X?QI"?E]\4AI&63\U6;#4KS3+D7&GW
M,EO+ZHW7ZCH?QK5,YWN=UHOQ/.5AUVWX_P">\"_S7_#\J[O3]4LM4@$VGW,<
MZ'J4;H?<=JS<;'1"I?1[ESITIO:I-2&[NH[.U>>9PB("23VKS.[U"5[^>:4)
M(+I"#YB[BHR,;3V__76=1Z6&M"C=,LJ*X7;@X&WCBJ5M>_8]1@N6(*Q2\CU&
M*4-B)ZG2W'Q*G6%H[&VC#8P"XS^E>Q?LV^(;S7Y_%$EX_P`L8M-B#&%SYV>< M#K@5=.#3NS&I)8P:S<1W$EO/;
MX*<[CWR:YYS<9>1TTXIQ+/\`;ELMPBSGRRXP@/2,2DU5%/E*>YLZ6LMRWF2,!A>">B#U
MJ^D:.^8TPN>,]6]Z31<=R^7;8$`Y]N@IT-ME^.37/,[:9J6L)C7@`$]Z9>NT
M4&>6R?SK'J=6R*D4#,<2?>(R>*Z/2;2.RC\R1`9&ZD]J4WT'1CK<=>3"Z?RX
MP5QR34%OIB%M[C`[9'7\:@OXF9E]:"ZO<;?DCZ`4K6.V`J5&,8'M1<$CS[Q/
MIC6]VMPH.&.'P/UJA93[`QW$<=*]"F^:FCR*T>2JSN_">H@V11WQ@C`^M=A#
M-N`VJ?KC%:(Q>Y.K,#@U(S*B@N<9--ZD-V5QP56&5(I"A%%P3N,((IO?FA#$
MIIH`;2$8-`#&X-0O\PP:0%611Y4G^Z:X_P`+ZA;6,-T;F54/F=S]:&.UT6[[
MQI;Q96TC:4^IX%8,VN:QJDA2W+A3_#$O]:%$5DMR2W\*:E>MONG$0)Y+G<:W
M+/P;80D&?=.W^UP*O9:`S=@L(+6,+;PI&/\`9%3N8XE+2.J#U)P!2`R;OQ5I M-DQ!N1*P[1#=_P#6K#N_B"V2+"T
`_P!N1L_I5J-]S-S[&#>>*-6OHVB@`'7&:T]`5'U4`K&9?*,;L=>*%N#V.S.G27FGXN;",&2+:]QJ-P)%#%<%EQD*0
>1@KCBN,\0EEUAX" MCH+:..!1)C<551AN"1@]1@XP138(S**G0:%_AX]::2<&ESGD@E7H\;8-``;:+\3;F`+%K4/V
A!QY\6`X^HZ']*[W2==TW6H MB^GW:2$Q_/%>;SSYM8H),K
M)!N8$GAE;GC\JQGK8WN1QQ/?AH8B(_+0N&?@$_Y%8@MYY&;$3N0<$J"<&G"R
M=C.:NKC3:SQW`B>-D375IJ!U#S$&Z!N2`?;_]5<]5.YTT
MMBG>[("DMQ;M(5/&%.5_*II@CQ$,60#DL#G%<_J;=="6!]MNIM[CM3
MV=YJ<<9^T`'!^7'.15IM"LF0QZD6NWB:,ECEB>QJ1K^%)E60E20<#UK%MMFJ
M:M8LI<1F11N`^8=:OM(IB;:PZ=C731:L95%=D5U((;5CD<"O,M1N!/=2,>1D MGI557H%/-8>#CC`!%3U+V
M1GVEL74RG(&Q561]N23C//'2E%U*-H!X)X[T[&";)/MRA1N'U[4_P"TPMC+8)'>
MILS13[D@0$<,.::8SCUHN:7(R"#R*:?O4#&-@]J8PY_#%`(B>'S$91W&*XC_
M`(0F;[46:Y0Q[B>5YIZ6*-.V\*:?`P:1#,_J_3\JUX;6&!=L2+&!V`Q3N20W
M6J:?8KFZNHX_;.3^0K$N_'=A""+2&2^-]4N%*P%+9?] M@9/YFL.ZO[J\CMZTAA[TOZ4KAT#/'
M%:OAT*=7X\KSO*D-N)<;3*$.P'/'7'7CUIH':QV1TY[RSD%SIB--+$5DN=0F
M$[!B,%OX\$')&-F./QX[Q(DD6LM"XXBABCC)8,60(-K$@D<]<9XZ=J;:$O0R
MAUH[U)0O\!]V-[-%-IS,B[0NQVRRX_I6$X.Z
M:-X35FF:>EW5O!92QO`\CB%FD8C[K$G`'X'/U^E'AJ%7U^!XHB(EZJ1[<&LH
MQ?,V:REI8T/B#&+>YLKM%^8Y4L/KQ7K'[,]X+VY\5S!57=]D)"],_OLXK;E7
M.I&XT>]45N<844`>>_%4X32_?S1_Z!7"`\5E/M136=
MO,VQXQM*G/O6329JBN^E0P0X@)10>!UK,@MW@DE(N2P8Y`/&VL9>ZRTK@!,)
M1A?W9&22*CN98(G1[F-6R=H(%9IW96Q8DB@EVB9GC4')-3R6XDA(M[A.>E*7,GJ7!)D%NC2L9'CZO
MC./T%;UG!'$!+.V3PJHO\JTL)%MIMSY<`*.WK[5,"TAPH(!.?I[5G+8WAJRQ
M&BH1GIBKD=QL&U1VK!ZG8G8E6ZCW!20[=>3@"KD&H+C!90#W!J'$U4D;%K*C
MD$8Q]:TA;K+%PO;ZUG*)TPDBA=:>4^9>#[52%J[ONWK66QLU=$[*`A"Y
M7VJA-N"8SF@31CZBOF1D,.1UKSO5K4P:KT`WGNK#OWCSL6KQ-;1))$GC*
M\?*><>E=WIU\=@+H,>W]:ZT><[FU&P89.1GI3;L?N0?2J,I["V.!`>._]*?, MD(B,DB`A1DT/U1$\T)FRU"2YAMX
2\\J1J!G<[`"N:O?&&DVQ8+,9V[")M2,/Y_6COF@5@[`=Z7C%`PK3\/7-S::[;2V=M]JEW;1"5SO
M!&"/;Z]NM`,Z<"YN[@PK]@>;.-A9]2E/_`5W)G\JYKQ+%+#KLJ7$[7$FR,EG
MB$;+E`0I4$[2.F.V*;%'@0M)VH"R%H&:06N:VEZ])IYV3PKX:ZV[YC^[1LC#-[9ZUZY^S2"
```

```
MNH>,$DC$:'/X&>]45N<@44`>:?%^*:1M&,.>#/G M!_ZY_P"%>9_;-0M[D))$3'CEF'2N:HIHJW%>P2O
MN60`%1CMFI4[FMB:4B5`BG[QQD?2LZXL9(XW<,"`,G-14CS:E1=B(JRIG!';
M%,90YY`)]Q7-JF:B20++E'4E#Z&K!TPI`J0OC(P,]N*U@KK0B6A@:Y'=6.GL
MLTC./4'M7#23/@JXY8\"J][FU''8M6Y3Y,L-J#!!'3U(JR+B.23S6)?`PB#[
MJCW-:WL)(LP,TMSE^>YSZUIQX"#'Y]ZRDSIIH?EF9$7C)K1M[,MMSD+U;FLF
M;K5DJZ,EW*Y8LH)XQZ5=_P"$222(@...]*.:VYI[.YF/X?U:QD#13&5 M!_=/]*MV-SJ%G*?,=OEZ'%#:DB8\T6=7
;WJWME^\`#@9..F:E"5T.N;)8V[`,N<5F3VZ%2,?C4V9;>ASNH0E7]L5Q'B",&XB<#IGFNBC
MN>;B-43>')#;WXTK+-M:,E.Q%-[D1V&,MK(2650?<8-1BU56+Q2LN
MXDG!R":5VAV17EU!+1")94D(.`!UJM+=N\"R-;(RYY)[5E*:CJ;TJ+J;D,VP
MH7RL6!TSUK)N-7TZVBW2WL2L.J#[WZ4Z:YG-X\MK.)TM+=YF/
M0NVT5B7OC75[K(21+=?2)>?S-=*AK=G&I-*R,*XN[BY-]S2!N6]..@Q0EW%S6-1+Z"_CD@%Z
M\9GF$C^;T)ZY],T6L5>Y2Z4 M<>E(`[]J,?K0`=J,4@%K6\/&-;J[:=FCB^Q3^9(@^9%\LY('<^U,&=G#=YLH
M+6XU.TC7REQ;VL?F@\#HI+8/KA!SFN1\6IL\12J0<>5#]Y2&/[M?O`JO/KP*
M;T8HZ]3$Z>U'X5)0X?<)]Z8<>U)E7T,ML;C]:2M4]&V@`QS10`=
MZ/H>:`1/]KE,8C=MZ@'`;G&:^C?V5&A:T\3E78S;K4.I'`'[W!S[_-^53;4J
M3NM3Z$HJS$**`//_`(GG][I`_P"NQ_\`0/\`&N%73[6YC"S
M1*PQ]*KR:2DBNLF:VIQ21$F6&.,XKDXK&6^U".),@$\MZ#%2W[QK!75C1.FK
M`[VQ0Y.=Q]JK?9A;OL49!!VC'4^M.]S24>5%BT569MHZ'GGO6G'&.Q`';%9R
M9=,TK"U5YMS,"!ZUK7)$465XC`RS"LV^AT174PY?$4J)(]I;DI$<$OQN^GK4
MUAXBU.[^S_ND!N21$(YE9N&*G1_%C/49YJU2YE"&W8QIGG:<
M5G)V1K"/,[$/E237@@1.(R"QK?GC$>DR1G@!3C/K7+)Z'IPB];'C%SJ=]=@&
MYN9'XZ$\?E53K7HP22T/(JSVU3PW8:M&T:7EOBQNX\@-(`I,4@'?Y59">VU,_>KG#5O0RWU%4L"&!
M(.>*Z)+BWN;*VN+UG>.*7^=0 M:!1WH`,=J7!Q0`=L?G6MX
MR0Z:VS4;&UD>(O%:VL2S!VVY5,!R02>/N#&:XWQ*D::],J1K$^V,SQI]U)2B
MF0#T^;/'8Y':FT",G\L4=*DH7G8?K32>,4BNAEO]XY]:3%:HYF)WQWH[4!84
M=?\`&EH`#TIM%A!QFCMSTH&+7T9^R;_S-O\`VY_^UZ$)O0^C**9`44`>?_%`
M?O-*/H)A_P"BZX&3_5'W.*:+6Q(.N*2/.W..I)ICN+G]Z<=EJOJ&#`JD`[G'
M^-1/X32.Y1-O"S;B@SCK5>734N1&S.05.X8->?L==DR0V=RT;?9W"L#C.:*F\%^5QM774;8)C
M89`0N>/KZUM1*%;INJ9;V%3V-FP#%2<*!].E7?L:W"DR$L/0<"L6]3IBM!ZZ
M39R?)/&N!ZCBGP^'K.TN$N;-UBDCZ$`<4XS<=@<(RW(9[>5[K?+*K/G&2O6A
MF,,X,>",<@'.#4.6MS;E2C89'=GS#SCUJM=W#H``WWF_$BI;U&D^4?`UM$0;
MSU:Q=]3GJ+ET-_P`*VI,YD89$8]>]=B%'5:Z8K0XY:L@&,'\TBP$$/G2\L>23U)K!\>^(DT_3OL\#C[1,"J@=0
M.YKG4>::L>CS*%-L\L_A&*0@^M>FCQ)B8J2.VFG.((GD]=JDX_*ARC%7;,W)
M(TH/#&I3@-Y0C!_O-_2KUQX1-KITUQ/<$F*-GVJ,#@9K@J8V*=H:F;J=CES5
M6Z/(%>DBF5B<#K25:V(5BRL8V*,Y.*WK4FUTN']U'XG,C*B'&,(NT#\*B'/%2:`>A'84=#CK0`H''%'2D`O3K6OX;
MD-OJ;W9D94M8))9%4`F10IRF#D<]#D8P:.H-'8S:G-:QW1M+JTLR]DA@@M?+
MAJ>I5C+?[Y^M-K1;'.Q.]+3$@[4NZA,-Q"3VI*`8M%`>@
M=J^C?V3?^9M_[<__`&O3$]CZ,HH("B@#S+XQ330G1C`2,^?G`S_SSKR^#7;B
M25HGB'R'/(QG!_S^M92FXRL;0BFBZNNQ"01RH59AQCG/7_"K<.I6I0`R;3Z,
M,54:B8W&Q/'-')(Q5U/3O4%^-$#7D>0.IJMX9E6T>X1#C<`?K_`)S7)46I
MVX:5FCL-*AC@T=9I!F63D"L?6;1#>QQD?O"!YC>YK*+]X[JBO$B6P"G<,`*.
MG:HU8B;RQV/2G-:F--^Z=%8_<&X8`Z5>\TCDG(':N:2.V"'"Z(')_"GKWM33!QLRG"&+98X).33[J,J\1)XR*4GJ-
M+W65KO1[C4XMD%)/7C@G@F MNR$X./*T>;5IS4^9,2*^;5=/9&4JZD!E)Y![C/?ZUA1Q9FQQ\^3D>@__`%C\
MZF"M=&=:3=F=EXP@2YO$B*;*XT^XM;023&5&0/
MMVK@C&>>?TK>AAZDY)VT*46SBVZU7N5)0$=J^B1LRF?>D_"M#,L6R2W-PD,* MEW=@JKGJ>PKIKF6YL[6,V,Q6U7Y
"Z.ZEG.<[D8G:^."!Q[GJ9EV*BG>M2:AVIPQFEJ`48'2@`[\9K9\-,8-1EO2[K%:0/+(L>-TBXQLY!&&)`.1C
M!.:$#.Z-VUK$%_M/1].BQ@Q6X#D\<8&XCV)V@>F:X;Q6BQ^);@((PICA(,8P
MK9A0AL;5QG.XC:.30Q1,;!HI%["]8SGUII/TI%=#*?[Y^M-K5'*WJ%%`!29_
M*@5PH%`!WXI3G-`!WKZ-_9-_YFW_`+<__:]`,^C**9`44`>??%,`G2L_]-O_
M`&2O.7AC>10R*>I/'6LY;F\/A(IM-MB"XC`8#@CM4%SHB3Q;5E93G.<"LW%%
MW(_[,F6,B)@=N0.QXJLJW<.$NV;>N=N#VJ))Q12U8R.\N'EEB="JJ.';HW)_ MP'YU.-2"3K$X^9AD8K,T3+\&I0I
```

```
$JR-L)]:LPW4+NQ5QR>YQVKLC--N*Y:QG$6H0J6P)&V?G7-4>IU4-T=[;72P16KR?FNAOPMLC`'
M7'-65W/TZFN>1W4]R=+5B,#DU92S;.,<]:YWN=T;6'20*D7SRA>.1FL6[DA3 M/E?,3WJHJYG-I%6W;=,23GUJ6^)
7RV[;A0]QKX"Y;7(1@_A6U>62)%!D!R!TK$L]KW]O$PVJSA<>U=E(\NMHST"&/RHU
M08P!4E=!SCEZ^E4-0&Z4#.![TNIG4^$M0Y%BO')7-<_KMV(XSM4%6&/QI,4>
MABZ=,L=SF1MJ[>?I71>'K?S9&N&.6<\$]A7)+8]&ET-35#B!@23Q7A%U&\6H
MW"2'+++P)]3DU>%^)BQB?*AIZ?XU-:7+6MRLRJ&*G.#WKM:O%H\R1KS^,-1D M!6'RH1T^52WEA17DC9%?E
M21C-+]G0VAF:>-6Z"/G<:[%9;%6L5FYII`(P1Q3$Q1I\%PZB)GC`7]X[#*J<
M^W:C^P;D@,DD14KN!W=L,3_Z`WY?2JO8GEN7[>"UTI%W8N&FRDCJ>`OS!@/S
M1@>H([U2EVF=_+=G3<2K,,%AGJ?>INR[*PT#CI2\>E(:%&#WI10&X'KVS128
MP%6K&_N--NA/:LH?:5(90RLI&""#P01VH3';0N_\)/JJ`"UN$LP.!]DA2$_F
M@!_6LR::6XF>:XE>61SEGD8L6^I/6F)#,\4GZ4KCMU'9^7IWIIY-`^AE/CS&
M^M-'UK1,YVM0I*0F+]*3M3`,YHQ0`=J*!"CKS7T9^R9_S-O_`&Y_^UZ`>Q]&
MT4R`HH`\^^*;`?V5D]?._P#9*\]!S-QV6HEN;0V'/]S'J1_.GU)8V+_5@^O-
M96I,WVPA/X5%95?A+AN0Q98QD#K6$39CY='@N$3S`V5(8 M<]Z;)IC2QD+)@Y]/0UT.!CU8R
M33.BFU<[^PF%S:)<=4&#CUI;PI]E>6)<-W:LCTVKJY5M0HT\DMTY/MUYJ6P!
M9\#H!UK26QA#=F[$ISWQ6E;)DY/Y5SRV.RGH:<+1QJ2^!QT-5WN9+ABD&`,\
MD#@5G:YU)V5S'U!I'N?LR2%4QEF/4U0EM`0!"V?/6I>X6]TSM0?*'OSQ7
M-Z7(9O'5I;Q#]W&Y8\_[)-=^'74\+%.TK'I8ZTA'Z5NCG%7ELUG7TP%P2Q&%
M/2A;F=5V1)!J(V!&0$*!R#61XA>S>U+LI5LYYZ4FF1&:ZG.12HTA9&!.TJ,=
MLUU_AUO)@`/X5QR/3I>1HWZDQLSGIS7AE\XDU:[?UG<_J:TPZM)BQ4O=1#VI
M\3V\;$W1?;VV=<_C7:KGF2:N,;!.Y`=A/R\Y_6IW2:>`2.T21QKA0SJOY+U/ M3L*=R5K4#>7G@D]!5[,C5H
ME[48XZTBF.25XD=$=E5QA@#@,/0U?M7N+JZ5[6P\[RXM@CC1F&#QDX.>K?3)
M]\4(-BM>+=6Y6SNP\?D_=B<8VYY_7-5NE`"]Z/QI#%&/>ES0QA[4IZ4@0G09
MI<^]`&M=Q:8FC0-;R,;H@%ACJ>^>>/;BLFI5];C#OUI`?QJK`.'W>O>F'I2&
M9;_?;ZTVM4<[8<>M)QCZTA6#M1VI@P[44`':DZ4`+VKZ-_9+Z>+?^W/_`-KT
M"9]&T4R`HH`\N^-!OPFC-IPRP,^\$9!'R5YO]LGB#,\>3CG*XK*3:>AM!)H=
M:ZRMU"KM#)%AN03S5M-3MW8H)L/Z,OI_^L4N9,NS+,6Z MD<*W7:<=L5G56A<'J,MU,"9",^GY5YCJUHUGJ:LO\`R
TP0*P<7N>I3JKE:>XR/S%B6-6<$;8W'8=#]:U2,'-7-G2]7BA+
M"X10RY7#=/K46HZC;RPE4(,C#``ZUG*&ITQK>Z3Z0K1VGDRGJ,C/:HK^%=I-
M83W.F&L3#$1N95C8Y&<'O7/Z(`_Q7NU3=MAW`9]E`X]*]+#KW?D>!C'^]MYG
MI&>*,YK0R!2!4$]K!.Q+Y!/<&EL1**:(CIL8SY;X!['FL#Q'ILXM&,9!4GG! MQ2![
MM\\CDY)%I?NM@CUYKL6YYTB?S93"(FD8H-ORD\<#`
M_2F8/O3)2LM!O'L/I0>O7I0-L3BCOQ0(3K]/K6[I]_?Z:DEI;W7EHL;3*\"@
MD'8&^\>G"]O0XZ\L>K*=[#)U`PI\$D,5W$UPAD0."T8ZL.XH!)O0VY
M-?M;::22P\/6\"MMV^>K2A<Q]&T4R`HH`X'XG_P#,+_[:_P#LE>?(H(;(
M!R::V+6PQ[2%Y`#&O0G@57ETFV&YT4JQ[BI<$RE)E6ZT%Y7C:.X93&V>.,^U
M595NEB8V^=^3CW(-8%RP]Z(=0BN`"(B,$9XQ6:T9J
M]C4CGAF0F.0@CJ,]*FC1A&N&SP.HKN]UHYM4Q$WX8D`@L>AQ7&^+Q$';,>'[
M&LIPT-(2U.&OM\J+%&<%F`K?LD$1@CCY*#D?6N5Z)()"GU9U$=N'MXT7.5&>
M!UJYIR^2A)7<<@_-SQ3D@IO4MJP!7?P[#/T%6+F4K8?(`6.N>M6-1PJ$URR6IZM.=XF?I=NI4S-Q\V1FN
M-\)GS_B5J\PY"R2X/K\^*].@O=?H?/8B5ZOS/1_844V`4WUI`(:H:POF:=(.
M1@5,AK<\^G=U=2S9"MGI78>'9@,#/'%P[^=!QV-=9PL,<\BM>+3=(6R6:ZU;$K1EO(CB)*GG`SR/3T_#K0
MKB,7D'FDQF@$)]*9*XC32*4%2V1O7/7!/`R,C)S@.QP35F^2&`+;P0LSQ?,]S\P$@(&,
M*>B^C=P0<"I:-(MOQ]&T4R0HH`\_\`BBY7^R_ESGSO_9*\^CE7RP2&
M&>>E',MC2*T'B5#*?F'3O3V((`R#DBJ"PYL!2?:LB(YB4^HS7/6Z&U(3:K2D
M$`X7O2+:1-(H"[=QYQ7/%79LWH-.E"`O)"Y.XY.:C/\`:%O<\<74FR$%W9N%QR:%/FT':SN
MHK7L;5'N@7.!@9/MG_ZUW;^E:-O&B'[P^93C
M\:N>Q$-)`X3?SDX;!SZ5/*()+9<%I""""`N,9S7-([(/=&%=:/+/&;@28N`25
M+^O\`GUIQFFK"G1E'WHG20Z=I5[I4;6\S1W;N
MI3G.Y3U^F!S^-23:#):ZIMM)6N(2#L68C(&.^!S3;Z&4):^\C'O;.^AGD8P_
M*HR0ISC/_P"JHH[Z.126;KV%QLM++SK8D`-@_C63\/"TWBG5;@GDER3_`+SYKU80
```

```
M@H7B]>IX,Y3E5U74]'W7X6NY,\K"W\J\7`VJ![5T4-F^<&J_]HK]G$.UL;]Q)/MCI^=-)L3:1=9Y-4G*
MVB;TCSL"H$.W@9('0],U5D1HI6C<892589S@BDM-![ZC,8JS82:)+YMKK:W4
M6_'E7=L0QA//WHSPZG(R,J1C@]C<=R9.R,O4;2&ROY(+:]AOHEP5N(0RJX(S
MT8`@CH1Z@\DFM`Q>G%&,^]`Q>.OIZ4T--%
M+YD#^6V,9Q2:4E9E0G*G)3@]4#M?<.X';H*7OS4QA&"M%%UJU6O/GJ2N
MPY_*CO5F0$83\:C).>N:D9FN/WC?6F5JCF>X4G:@`[4F*`#H*.]`@H[4`&!7
MT=^R7T\6_P#;G_[7H0F?1M%,D**`//?BH0%TO/I-_P"R5Y^@`0#VK.2U-X;`
MI4NQXXI64%D!`Y-3J6%P-EM(P)&%)'-4!&54!6(P*SJ-LN"L(H?<_(/0=*EA
M+>QS6L0-;^37;P/RPW0C:DD:5K.8KK85X89''3_.:T&NXT);<,A@H4?0G_ZWXUM>\3G:
MY9F6VI8EE7)Y7*^]7K.YDDC!;`+\9SZ=,#TK&3$
MP_>J3GG/I7,CTD[:EJSM6AECGM9@&C.],X(!]<'@_B*GDFOHY(WA.TI$$SN+
M;B.K')/)J^;HR9T(5'=:&;=7^H#S=^Q_-4!B4P3C/E$9VV)EAE!7N=);6XB,#YRF_34E>2/1/I1GOVK089/Y4!J+#
MN+FH;P9MW''2H92/.KP$7+@CHU='X:A\PLO.TM7',ZZ:N7?&>8/"ET%[J![\
MD5Y%VKIPZ]TY,3\5A/:HYIO*'3.:Z4,VUOA3\TLHB3@9)+,<9
M_GT`K4A\'1SQ_N_$FB"7/^J:X<9_X&4V?^/5HE9&;E<2X\.:QIB)#*()H)"7
M5[6ZCF3.!G)1C@XZ;L>W>LS)'7]:EV+CL-.:I7'^N-"%(A[T`9-49EM90[@<
M#/'TKHKBRCCM,J]I;R6\0$L>9DE=L]&5\C=[+@8'0'JI=S2&YD'!/M14%@!Z
M4\*2<``GTHLV.Z18@TZ\NY%CM;6>9W4LJQQEBP'7``6K%EH6I:C827EG:/-;
M12)&\B]`S$`#\R/SJN45S9/P[UN.>6&X%K"\5JUR2UPI&U<<97.#R.O8@U/9
M_#^:2\:*_OH[:-'9D_P!:*S&!&$/O41Q0#,U_]8WUIE:(P>XE+Q2`3BBF(*,T"$SQ
M118`S7T=^R7_`,S;_P!N?_M>@3/HVBF2%%``GOQ4M1<_V5D9*^=C_P`H)IO]FE_N2%3[U+
M@F-2:(IM+N8,L3D'J0*C6":)A(I$BXY`ZBI5**97.[%JVMFO8?-3(3.!D=2.
MM6X]-\H9QD^M:J/*1S7)%LFSDBK$5OM.,9H>P+<\J:%D\07AW%@MY,F3UY8_
M_JK4^R!E:-N`XROL:\B?QL^AI+]VAT+!XB74^;%P1GK@\TRX>,P&:(?=.0/?
MT-;4WT.:O'J8MY>@743K'Y?'S@KV_H,CK5VVOI9Y`/,VHI&!CH*''0B,K-'1
M6K!H\D@L3G=FK7DI*A!;&17$])'J+6)&PDMA&`RA1G/N,5)YR[T,;;U"$$9[
MYK3,&LVDBN=R6HKW+,?)^554\UD^(#)%8L
MT>3)*NP,3D+G`_E_*NJE'5'FUY63.DU$)%I,[``!(6/Y+7#_``L0KI]ZQ'5T
M'Z'_`!KMC\+/-?QH[WUH/)''2I-!,^E)F@!=V#45P_[AP?3O2>Q5SSB];%[(
MN>=U=UX2MU2S$C#[W.:XJJ.VB[E;X@N$\,3@=V4?^/"O)>QKJH?`<>(UF#`K
M]X$9&>1BH)HO-P<@$?E70CE?8I2H\;8.*8#(O(8C\:M,R:U+UO+(8\DD^]2<
MGVJ6[LM:(::@N(2PRHR?3UH!ZHK-%)&Y21"C+P5(P128P*H@U-(L6??>SC%O
M`-YRF[<>@R.,KNVJ2#QN%6KY[20Q2VCS;W!\R*1MPBQPJJW4C'KTX';)39<5
MH6/#UA9ZGK<-MJ5U]DMV#%YMP&,`GJ>/_P!=:MYIWAJ!X(DOIF803M))&1(&
MD$K+$IZ``HH8D==PX&:%L4PGD\-0:_JT=N'DT][?;9R>46*284YPQ!Z@C/H>
MG:MF#QUI%C@.I7M?B3=62:F./I2YA6*I)8')SFDI-L:08`Z44#$(^3TYJ/ZU(=#-D_UC?4U'6J
MV,.H4$T"$HS0`=Z2@09]:.M`!7T=^R7_`,S;_P!N?_M>@3V/HVBF2%%`'&?$
M%`PT\]"/,P?^^:X\VX?H,$]15+8TBKH@ELRK'Y1G^=5);0DYSM(Z&@L(G>,X
M=3]1TJ47"]QSZTQ%V*Y1TVR#(]JBFTZ*4&2WR#WIV`N6=F(;2./&,#GGOWJQ
M]G"Y]?I0Q(0QX[<4Q8LO@Y_"D,\WU#3O+\1:HI4C=<%Q^.#_`%J=(Q)$I/7I
MGWKQ:GQL^DHO]TB&2-HKE9MORM\K\=#VJE>Q&)F8`E7&,CUJX/4RJ[6.6O!+
M*9#*Q_=@%0!U'/8G\,U:TN3S'6,`[\X"')QT/)ZGOQ[5TWN<3T.PT^-[M0ZC
M]PJYX.#GM^%661Q)LBZ`?_KKEG`]"C4LB18F9`7)YZ`]ZA>P"'SHQA\X)`K/
M5'2TI:D+R`G;(A(Z;O04V[(2%G4]/:IU;(=HIF;8YN+AI7?=P58-_#U'TSWS
M^/6N2U;Q)_:OB:VMK!Y!:I*L9'3?\W)^G%>C1CK<\2O4Z'H?B&Y_XI?4Y1E2
MMK)^!VFN;^&2G^P+AB.L_P#05K'X68/XT=I2?G2-`ZTTFD`'\ZK7S;;5SGH*
M!GG,A:?5&'8M@^XS7HFBL(K=4Z8%<5;<[J"TN8GQ`GSH6,C#2J/ZUYS;!?,9
MWZ*,\#\*Z:7P'%6UJ&G+ITLNB7<[W2O]B\MSYTH#-O;:`@/)]3Z`>U8F![5O
M'8PDM2.6$2#'>H!9G/S,,>U-,S<2RJ!%``I>E&Y=AI'^12=#_6F2RW;20K%@
M1K//:2VS1O!,H@4&/[Z`E%4[A@#<=JD^X')K+QZ"D/H**7K28
MQ:,4#0N*/QH"]D';K1D"@0TR(O5@*:UQ&!]X?G0*Z&_:8R/O#]:A">Q]'44R0HH`X_P`>@D6&/^FG
```

```
M_LMU5QQZT]RK%&:VDA;IN6FQA2W0?0B@-R9(T
M1ONC!XJ;:H`"G'.#S5(EHMQD9ZBI0,CK0##9STI0A!X%`CB_$MMY6ORN!_K$
M5OTQ_2J$2;6((^5^GL:\6M_$9]'A=:2+!MA)">.O#8[U0GM/,C-N_P!X'*MZ
MBB.PJBL8NHZ*Y<2$$GG@UBR6,]D$:56"G`88.<9K>+U..:-SPYKD;22),P#*
MO\0^4#L![UT$KC<`KJQ^]N4=>.GZU&CS2:/&KSMJ>L>+5:#P3J.YB&,
M!#`<\G`_K6=\.4V>%MW]^9C^@']*A*T6-?&=82G6J.K ML5TZ4YP<&D!Y[9DG4`QQ][G->BZ/\KH\0S@-.!^A
MKS^.38V2`RD8*]B*ZJ2]PXJS]\FN[Q[D@;0BCG:#G)]35:M4K*Q@W=W#MUI.
MGXTQ7#/K1WZT`(<\\?I2;>>E,5A>G2@G`QG`/ZT!L(67UIIF0?Q"BP7$-Q'Z
M@TANT'')Q1K<.8%N"SA50Y["F_:).BQ$_@30+F'-]J#!?+/(XXI-EV3T(_"B
MZN)7:N:OB#PUJ.A:BEI=LHE>"*;`<$@.H8=/K_\`JZ5F#3I6^]*!1-J+L.*<
ME-976W8D1EQNV'('//-*4>:#-(R2
MF,EU>ZN+6*ZNUD>(8MTD<94;1PH/3@'I520Z;=_ZZWC)]<8/Z5RRC-.YM&4&
MK%.70-/E&89GB/\`O`C]:H3>'+ATC*=!/6+,^;3[N`_O;=Q
M[@9'Z56[XS77&2EL2.1U7*Q@%CZ9./YTWH3:Y&?K24Q"XKZ
M-_9+Z>+?^W/_`-KT(31]'44R0HH`Y3QN,_8>,_ZS_P!EKCI8^AI;>0-*SE@0!M'U[T)@
MT65?G(SS5R&89`;KZU2$T6U(-.P<_+Q3)ZG.^*K5M]O<8!X*$X_$?UK`^SEE
MVJ#@_I7CXE6J,][!2_=(M6P;OR1P:AN;<$;AT[?[-9Q-ZBN1JJRQE&4#:/2H
MVTB&9B)$#(1@Y%:)G,XW*<_A"QD*M$"C@C#AN156YTO4[,.(IA.0N/FX8CV_
MPK15.YC*GKH00SRVI'VJ.0-W/&*N/=0N$C25$1^02>3R0?U!'X57*F0IN++2
M*CPA;4EP1Z8Q5M;-5'F.=SDDYQC&?:J4;&8TA9V`QG`/.!730GR79R5ES-([SXA2;/!=X/[Q1?S<5'X
M"0KX0M?]IG/7_:/^%2O@*^V=%^-+W-2:B>U)W]*`$/6L[61_Q+9/7%)@CSZR
M/^G`'J&KTC2B/LZY].*X:WQ'=1^%G+_$8[=.M!CY3,>?^`FO/@V>@)_"NRC\
M)PUOC'>5+C(BDP.^TU&SA>O'U-:W,;6$,H`R3QG%--PH]3CVIV$V-^U#&!&3
M2"YD?[D=%B6[%N^L-3T]+5KJU:$74(FB++@.I)&1^(-4R+ENX!INR8)MB^3,
MW63'YT?9"3AISDT6R-DMY+?EW^T(L)V*OR[,$=3][]*6
MW\)ZM*/W.D7D@(ZF(\4Y;DQLR]#\.O$,V"-(D3_KHZK_`#-:=O\`"KQ`Y^:"
MUB'^U*#_`"K-RCU9HHO=(Z+0/AA>6.J17.J-:W%N@.Z!)71FX[-MX^N#_2EA
M^$C#!N-8B4]<1P9`_-JESC;1%*,KZFSJ'PZL-2O%N+F\\K$21^7:PA%.U0-Q
MR3R<9.,#T`I8/ACX;A93,]W/@_==^&]C@#^=)S=[I#45:S9=3P!X7#EFL))2
M3G+RN?ZU>A\(>&HO]7H5NWNZ;OYDT2G.3NV-1@E9(O0Z/I<+;K?1[-&_O"!`
M?SQ6C;(T-QR/F4'BO.[SX<:1(Q\I
M9H0>1MD)Q^>:*6S^%9N"9HJC1TNB0QZAI,]T\Q4Q#H36'+QXJHU6M)$2I1>L"E
M+I]W#G?"Q`[CG^55\$'!&#Z$5T*2DM#FE!QW$KZ-_9+_`.9M_P"W+_VO5(AG
MT=13("B@#E?&O_+E_P!M/_9:Y4KN]Z:-X?",:#0J?+;J#3*+:X.:3`Y
MIB*UU:I)&QP,]JJ-8R1QJL:@J!T!Y%)(3>MB)0R'!R/:IDD/8TQER&3/5P$O=:%"[?F44C8=25QFN1'H
M/4H^65E!3\:MQ2?+S@8K3H9-%A-I`([^E078"C(R300XF%J#DN(85S))P*CM
M=!5)=\[!VZFMX)VN<=5V=C8BACB5550!TJ22-0HQD-F\GP9J3
M;FQY.WGW(']:\S^'49?Q?`0?N(YY_P!VKBK)F+=Y([3XDR,OA,HP7#SH./KG
M^E7O!J&/PC8#&`4)_-B:2^`T7QFVQ.WCUH[`U)H)^/TI.^1UH`0D9XZFLS77
M*:7)CK@TF".#TU=]\A..7KT/3,^2%7)Q^E<57XCOI?"79+6"ZB*7,22(3G:Z
MY%5?^$=TYU`%NJ?[I(IQDT9RBF4=2\*6;0G#NHQ_>KC+KP1>"]5]/M9)8^H\
MP*5/Y\&NBG)W.>K%6U+?_"&:Q/HZ67]DV<;K*9?M!DPY&,;#@D8'7I4\?P[O
MY+%()H]/@99"WG*[ER"`-O3&.,],\]:V;7B'K\+=WR2ZO#&3V6/)_F*O
MV7PITZWC9;B_EG+#&1$!CW'6A32V0G'FZFE'\-M'&TW-Q?W6U=JB6?(4>@&!
M@5=M_`GAR'III?\`ZZ2L?ZTI5&V.--)%Z'PKH4)!CT6S!'.3&"?U%:,5A:0_
MZBQM8_\`=B`_D*CF?)6'H1FJ4B'$R;OPSIDY/FV,)SWV`&
ML2Z\!:5+G8DD1/\`=<\?G6BDS-P,J3P%)!&R66HS(K'E&Y!^N,5CW'@;4HN8 MGBEQ[D53:(LS-F\/:M;DYM)"!W0
@U39;NW^_'*F/[RD4K)A=HS,9QC9M'T)16QSA10!ROC7K8_P#;3_V6N8&2,BJ6QM'X1V.! MTJ)XLMN'!%!2'PR=5.
:3312:9:6X$L3H5[(B?[.<"DQHXG2VQ>+U()[&O1-)!$:_3I7#5?O'H45[IK>6,<<"D48ZTH.
M^@311U9B;=QD_,,?G6C(H)R/D4#L?3O73#1''5U=BJ-0T\N$^V1,2<#Y\U=6
MVC!R$'UQ5MLPLBQ%$JDL%'%2!12*L2K;NT1D`^4'%`CQ1N#T`8.<=J8R`QMY@".5
```

```
M!/OCJ/8T@Z&M:';&2<8)Q6?J$7E/A>CG`_$TX[A):$N`"`/2IW'^F1#^[Q2Z
ME6T*]SS/+[$UGGHN/[HZ?2LV61L.:C-`$35$_2F(@9>*@>-2.E4F2T5WA4]J
MK26X-6I,S<45I+;C/%5);4$'<@/X5:DC-Q9G7&CV4S$RVL9SWVUE7'A;3F)V
M1M'GIM:J(&Z;IKZ'F_LM),EUXP-Q&R,6M/O`C/^OZ
M5K%F4CZ$HJC,**`.5\:_\N7_`&T_]EKEP<`8.*I&T-B3/S`9H`!R13+N1LGS
MD@=*%^]^-(9(N#U[4[MB@3%`XJ*6!94VN`0:8%5HFB.V3YD)X)'\Z22QCSO1
M`"/[IQG\JUB[HPE&S(;CS8H2T%U,,GY2[EMI/J#4$VZ2&.[51M=0'V]%:N?$
MQ4J9U823557*CX-`&X8!Q7CVU/H;BK&0"2>:CE)"XZU1G+4S+MG4%MVP56T>
MS^VZF)9DWPH?XNA-=%%)R.2M)J#.DU"':1*!P>#_`$K.^Z,^M=,MSSX["O*GGTK-2L-QN<9\49F3PD$('[RX12;20
ML&./=A_A6T7>#,6K31H_%.7-EI\>&&9F;IZ#_P"O77:0HCT6R0?PP(/_`!T4
MOL(N/QLM\@IIFSI.Q4NO%EE8:?),UQ9SRQKD0
M6]V'>0_W5XY-,\+^,/\`A(]76SBT^2`>69'+L3M`.!V`R3CH3791G[:+E:QA
M-\C2.M)#2NWJQQ2U98HIW0O;I0#=C0R-&-< MRH#Z@FI`2UW&Q]S4OW4CTKU?X$0^4=>]_L__
M`+5K2$KLQJ12BV>O45T'*%%`'*>-NMC_`-M/_9:Y@'GI5+8VCL*#R2:>/NCB
MF6+C(-)M&>@I#0(#N..E.YZ&D,<`<48YIBL+M##D`CWI@_XJY1YD8I\K#4K>)%\R%=@[KV'T
MK+64+)UKRJ]/DGH>]A*KJ4]=T/\`.7/>HVD')KG.@R[^1YV6-?XCBNJT+2#:
MV*;HE);GYSR?PKMP\=V>?BY;1+%\OGPM&Q3D8^5<8/:N;E7:0#U!P16TT<46
M."`$'O33_K%]@:Q>YH<9\25M9],M(+VX^SHTQ(8#/(4_X_I69\-+6*WO-2\J
M99U"1C>HP,G.16L?@9DTO:%?XJ-NN-+C'7]XE2:#6SCY<4AS@^E"`0$GI7/>*"4LRX/7J*&-'+Z2,7L>3UYKT
M:PP4!K@J_$=]+X37C7CI3'ZGM41W-&48T\[5XQVA4N?KT'\S^52ZGHT6J&-I
M&9&0$`KW!KKCHCS:NL@TW0K73I3*I:23H&;'%:NY1P6`_&JW,]B"\LK*]4)>
M103@#`\Q%;'TSTK+L=`TTF0WEA#%F0[`)VDRO8G)P#[#I1)*2LR>57N-\1>'
MM/O])FMM'2&TN&`\N;>5"<\\`\\9%\M4R$&0L:@,9\IIB<`X\N0_\!IWGG'$,I_`?XU/(S3G0HF?
MM;O^8_QIPFD[0-_WT*.4.="^;-CB`?C)2^;/^%('N=Q`\D8[\T6^-YYUOIMK$V
M"OF&Z8G!QD8VX["B,$GN$IMK8NQ&\X+7"AR.0J#`J]$9%EAWL"V2.!BE**14
M9-C+O_73?4UGMV^@_E6!T(C/%1GI0!&V,]*A;FF21N*@;K021,:A?I56$0-]
M*@?WIH"!JKN#0(B->J_`[KKO_;O_`.U*NG\1E4^%GK-%=1QA10!RWC3K8G_K MI_[+7+8'7O5+8UCL.`YQ3B?2F6A
W:@#CK0,>J86EVY/3BD,,=_%N8-!ID8)Y=VQ^`_QJ7X5(%TV_D)`W2(N/H#_C6ZTIF/_+PH_$AO.\2:
M7`#QL/ZL!7H>,+\O;@8I_80X_$P/UI.^:@T$SQZFDH`:6<=:5Q\K%$9]:41'L:.8
M.4=Y7'WJ418/4T*KN>:8$3=*KO3$0MCK7JOP.ZZ[_V[_P#M2JA\1G4^%GK-%=1Q
M!10!R_C/_ER_[:?^RURW7`JD;1V`?>)_"E'+>M!9+V^M+Q@4F-!NX(S2>8,'
MGI0,C$W/-*)>>O:@`-P<4J3_`#\T,9)YJGH1S44VR1/FP<=#33%86*\:W)2Z
M.]"?]:1DK]?6L/Q3I>4&H6>'"CY]O.5]?PI5E[2FRL/+V59/H8EI(&VJA!)J
M\A9"1C:Q&=Y[?2N'#4>9\S/4Q^(4%R1W96E+.')EDP3PN\\58M["TF2*_6W1
M9V`#,!CGT]\K+2I&EL8HU56W]AC.?\FHI<%W8$D8Q_G\JSJO
M0TI*[(C$LT9BD4,5&Y<^E01HL9PJ[5QTKF:6YN>=?%#3[O4)[,VD?F+!&[.`
M>?F(`Q^57/AC;O!X>NEFC*/]I*LK#D844W\&A,;\YB>-%6;XA:9"`,8B_62O M1?7C`]*/LHJ'Q,3W%!]Z@U&MPO`
R:3M0(0G"Y-<;XKE+N(\9!-)E+E!>Z:&<>E0EN2:J!%1E6U!?Q#:@<[0S8_#']:V5G
M1,@GG/I75%:'!5?O#A_Y&E\Y?\`:_*D,7SU]&_*E%PO]U^/:G8.8F^T*2I`;A<=
M/_*L#N:!$+UZK\#L9UW'_3O_`.U*N'Q(RJ?`SUFBNHXPHH`Y
M7QKUL?\`MI_[+7+?Q=>E4C:.PJCBI(UY^E%BQLLBJ,DC`J!KIF.(P6'KVH"X
MF9G'W<4\12XS@T!<<(W(Y6CRG*Y`I%"F)LCAL_2CRFS0`OE/CM2&)R,"BP"F
MV9QBD^S30QMMD^3NI&15(F3.>M;*,ZE+#;A$4@L0#GYO0>@%2S*';]X,;1C%
M3'38TH9M)HAU1R5&>>>?PYS6L9:F$HZ#Y0(F8]U_F>E0
M%!LQ@C(K.H]2Z2LAD7$\0/9MOX&FO&!*ZD=#6;V->IYQ\3]#U-Q#J^G&1H;:
M,I.D9(9!G[_'5>Q]/ITN_#O;)ZGIQ^$M#!YJ-Q@\'K5PW,YE6Q!.N@Y
MX$#G]5K;V'/(KJB]#@J:R'A#GI^E."'/3K_G^M60.`.&`/_UJ3`=O7I_3_/I2[P.>>?8^F:2&.\U1W.`,
M]/QIWG(H))Z9SQZ4P%,Z`)/`/;TY-+Y\8)&>0<=/;/\J0:"B=,@9/)P./;/
M\J%N8WQAB0P4]/[W3^1H8[B^>FTMDX`))QV!P:=YJARISD,5Z=\9H:"X@N8\
M`@D@[<'']XX%2V\HDD4IG[Y7IW!P:+!<;=9\Z7/]XU1?[U8FQ`Y&>#49/:@"
M-NOTJ)AQF@1$W2HSZT`0R#YM45U'&%%`'*^-5W&QYZ>9Q_WS7+B)L<*3FK2T-8N
```

```
MR)!&_0`<=R:-C'J^,]=HIV'S#?L\0Y;+$>IIZ*@.0.*+#N2#;QTIW;I2L%PQ
MGVI0..0*!W8X+FEVTM"M1IP!C/-*2JCM1<+$3S*O3DBLZ_GDD@;:3@'&!U/K
M31,BC:6NQ'GAPS<,<=0*1I1(VYAS4%(IW$NYE0=,U8TO4^M3T&]R,J`W
M(ZBJ$>C6MI'(EE$L"$EPD8VJ"3D\#WJ1^9S=]X(CN/$T&OV=TXEC93+!)R&`
M&/E(Z'ZYK5((X/!IR'!6N-IO>L_FW;LO)=L
M<5G/8TAN=5I,1381Q@5U%MD+R:\][GI+8L@XXS4^/Z4J'[OX?TJB!R\@?A_[+0#Q^']!
M188\MDG_`#_>IW?/O_[,*+"&D_+^']#2]J1CF=O^NK=?]RF,@`/E)CC
MB#_T*KM@?D7WGD_]"-`[#KD_O93ZLU4I",FL6;&4P_>+QG]\/_1RG^E1*"(0
M,^@Z_P"PM,D)V($FUCD$D<^TO_UOR]J;(S!GPQX!(&?]IO\``4@&,S@?>Z#-
M-9W`89&0,_I0&I%)(X+=,#IQ]?\``57F8B0KCN!^9Q0F)E4,6!/'^0#_`%IG
M+,5`'7UZ\XJB2*13@''7FH64]:H&R)U/((->J_`P$'7<]_L__M2JA\2,JGPL
M]:HKJ.,**`.8\9/L-D<_\]/_`&6N7\QV;BM8M6*2;#YCW-*(SMY)^E%RU$>L
M8[\T[:#W_`5-RU$=@`M`#MNQ"V,D53E_UGNG!'N:?0A[E.-S;.ZX.Q^`?2HI0I!*]:F3*1GA<
MW)'H>*U+6CW-QYD2JH(Z=,TF@3L MS/E@D@.)%(_K47?KQ46-1.K4'&!0,P?$,X%JZD\]JY2SC+W8&.!S651^Z:4E
M>1U]C"0%R.E;\/"@5Y]STGL3'KC-1MG-:P,)B:+DZO=DG[L48_,M_A6X#T_S
MZ5U):'!-^\&>G/3_``'^%.4X[]/\_P!*9(Y<94?3^E*.V?0?^RTP`],^Q_D:
M>#\W!_B_]F%`#-V8QSGY?_9:>"#G![G_`-"%`#E.6!]Q_-JC)^0?Y_@-(!6)
MPQ]F_P#013G8;'_X'_Z"*`$E/RR?1_\`T$4X?ZQR?[[?^@"@$.!_>+_O+_Z`
M:;"``F<#Y(?YF@8_@Q$8/W7_`/0ZDP#,V1_RU;_T"D`SC:G_`&Q_G5JQ*E$(
MX'GO_P"A&F,2[.9IL?WFJBQ^8\UBS5%(Q,'5BI.)-W_D3/\`*H4A80A2A'3(
M_P"`J/Z&D!'(C$.0IYS_`"D_Q'YTR4-N'3ZTQCPW^Z1^
ME`,:^"SY],?^A54N"7O&ABCDDD6/SF"+G:@;&3V'?\C3)W,EYM0GA4Z;8SRQ
MN>9_*R!P`?ES['O55].U=CEVUC.?^65HD8Z^[4^:,=&R6VV1?V?X@4CRDU%Q
MQD3P0]A_UT%7X++77&VXT\#C[SRHN?R9JAU8HKE;6@7%OJ,+*);:URY.`;T*
M<>IR@^G!->H_`\R$ZZ)!;\&#F"Y,H)_>YZHN/US6U)J331E5346>LT5UG$%%
M`'+>-/\`ERX_YZ?^RUS*DYR/I3-H[#@3GZ4X')Q3+0M+G'2D4&[CGM2'(7-`
M"9..132Q/44#%&6S2%,M_P#7H`3:`<]J$'+.>W`H0#V8`8].34#1*TK,QP1S
MGUJF9]2E>1-'&7P<,<#T-5TBS$#WQFHD6BJL.;K=^=69Y`!M4\D8H6PF)&OR
M8[BFS8`R.M(97B!)8CT!%2R?,Z+Z#)H0F6XE&W/>E?+-M'0=:=M!/<0J"1D#
MBGF(,IR1[5!1FWUL9$PHY':L^:P(7TD<`\>E`V?+./[C?
M^A5+TE)Q_P`M'_\`0:!C-N0OMY/Z&K.G@^7&/69__0C0P$N1^]FX_B/\ZH.?
MG/I6+-D-[4QNE(HB8]:B/6D(C;KTJ&1U!YIH3,#7_&FF^')DAN(GN9G&XQQ$
M#8/4_P"%9^A^)K#Q?XDDM4$MI$\2_N7QFX"DG!([#))'?%6X/E
```

276. Re: Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-12 22:51:53 UTC
From: Howard Klein
Topic: 4 Message: 276

Jiim,

Can only speak from my own experience. I am very pleased. I had one problem early on. When I called Krassy he sent me a new amp before I even sent mine back. There have been some reports of low grid voltage which has been attributed to a loose connection. The current amp has operated flawlessly for better than a year. I do recommend it

Howard........K2HK

----- Original Message -----
From: HAMKE4WY@...
Sent: Tuesday, September 12, 2000 18:32
To: howk2@...
Subject: Acom

Howard, Do you still like the Acom?? I am thinking of getting one. Torn between an Alpha 87A ((Alpha making last run before closing production))) or the Acom ((Made overseas)).

Noticed a Ham in Florida had purchased two Acom's.....was telling everyone how he liked them but understand he has sold both?????

Any insight would be appreciated.

73 de KE4WY Jim_____
Get a sneak preview of the new MSN: http://preview.msn.com/

[Non-text portions of this message have been removed]

277. Newby

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-13 12:18:04 UTC
From: alsopb
Topic: 277 Message: 277

Been playing with the ACOM amp for the past few days (20 hours
already...)

Wow. A 1.5Kw xcvr. Coupled with automatic antenna switching, there
are no
switches to throw or knobs to turn to switch bands.

The old Signal-one idea of a KW xcvr finally got respect.

I find the power off menu nearly impossible to see in my room. Need
flash-light to view it. Any way providing at least some back-lighting
to it?

I still am a desktop man. The amp is mounted on the desk. Had no
place for the RCU.
It turns out you can "mount" it on the front panel by making up one
clip. Extend the bale out at right angles to the RCU. Find one of
the screws in the second row (of the cabinet top) close to where you
want the unit to go and fabricate a clip from some scrap metal. The
clip goes over the bale. I used metal from an old PC slot cover to do
the trick. No holes and the feet of the RCU protect the front panel.

73 de Brian/K3KO

278. ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-14 23:57:37 UTC
From: alsopb
Topic: 278 Message: 278

Here is an unadvertised benefit of the ACOM.

It is sitting next to my monitor on the operating desk. The XYL uses the computer, which is integral to the station.

She used the computer off and on for 4 days before even noticing the ACOM. I hope her thinking is that it is black, has no meters and no knobs and thus MUST be less expensive than the amp it replaced.

Tonight she saw it only because the RCU was lit up.

This amp has not yet caused me any problems (electrical or domestic)

73 de Brian/K3KO

279. Re: [acom-list] ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 00:28:30 UTC
From: gig38@aol.com
Topic: 279 Message: 279

Ah yes Brian, The ACOM is a thing of beauty sitting on the operating desk. It is natural for XYL's to think "hmmm, this must not have cost much - the front is not cluttered with thing a ma jigs, doo hitchies, buttons, and knobs."

When my XYL saw the ACOM for the first time she asked" Is that new, what is it?" I replied it replaces the amplifer I sold. "Oh" she replied, "This is much nicer looking." Not a word more was said, nor did she ask how much it cost.

73,
Jack W0UCE

280. Re: [acom-list] ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 01:55:00 UTC
From: Richard Thorne
Topic: 279 Message: 280

I must be doing this all wrong. I had to ask permission to buy mine.

gig38@... wrote:

>
> Ah yes Brian, The ACOM is a thing of beauty sitting on the operating desk.
> It is natural for XYL's to think "hmmm, this must not have cost much - the
> front is not cluttered with thing a ma jigs, doo hitchies, buttons, and
> knobs."
>
> When my XYL saw the ACOM for the first time she asked" Is that new, what is
> it?" I replied it replaces the amplifer I sold. "Oh" she replied, "This is
> much nicer looking." Not a word more was said, nor did she ask how much it
> cost.
>
> 73,
> Jack W0UCE
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M0
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

281. Re: [acom-list] ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 05:13:19 UTC
From: alsopb
Topic: 279 Message: 281

Well, I guess forgiveness is easier to get here than permission ...

73 de Brian/K3KO

Richard Thorne wrote:
>
>
> I must be doing this all wrong. I had to ask permission to buy mine.
>
> gig38@... wrote:
>
> >
> > Ah yes Brian, The ACOM is a thing of beauty sitting on the operating desk.
> > It is natural for XYL's to think "hmmm, this must not have cost much - the
> > front is not cluttered with thing a ma jigs, doo hitchies, buttons, and
> > knobs."
> >
> > When my XYL saw the ACOM for the first time she asked" Is that new, what is
> > it?" I replied it replaces the amplifer I sold. "Oh" she replied, "This is
> > much nicer looking." Not a word more was said, nor did she ask how much it
> > cost.
> >
> > 73,
> > Jack W0UCE
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
>
> --
> 73,
> Richard Thorne
> Amarillo, TX
> Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M0
> Remote Control Planes - AMA # 657062
> Web Page: http://www.tcac.net/~rthorne/index.html
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

282. Re: [acom-list] ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 11:37:22 UTC
From: k5yg@aol.com
Topic: 279 Message: 282

In a message dated 9/14/00 7:28:58 PM Central Daylight Time, gig38@...
writes:

<< When my XYL saw the ACOM for the first time she asked" Is that new, what
is
it?" I replied it replaces the amplifer I sold. "Oh" she replied, "This is
much nicer looking." Not a word more was said, nor did she ask how much it
cost.

73,
Jack W0UCE >>

Hi,

My Acom cost me 10K ! - My wife knew what it cost and kindly requested 5K
for some "pretty stuff" she wanted! Now she can't wait for me to buy some
more toys.

In any case the amp is well worth the 10K --- hi --

73, Bill - K5YG

PS: Caution, do not show this email to your better half!

283. Re: [acom-list] ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 11:46:47 UTC
From: Bob Naumann - N5NJ
Topic: 279 Message: 283

> Hi,
>
> My Acom cost me 10K ! - My wife knew what it cost and kindly
requested 5K
> for some "pretty stuff" she wanted! Now she can't wait for me to
buy some
> more toys.
>
> In any case the amp is well worth the 10K --- hi --
>
> 73, Bill - K5YG
>

My XYL usually does the same thing to me. She finds out how much I've spent, and figures that she should be able to spend the same amount. This goes on all the time.

I'm hiding my Acom at another ham's house (I'm not kidding) until I'm sure she can't figure out how much I spent, or I have enough money in the bank to cover her purchase.

I just wish she'd buy another Acom as it'd be nice to have one on each radio !

73,
Bob

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

284. Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 11:56:03 UTC
From: Barry Kutner
Topic: 278 Message: 284

Richard Thorne wrote:
>
>
> I must be doing this all wrong. I had to ask permission
to buy mine.

I get my stuff shipped to the office, and bring it home when XYL is
out. XYL rarely comes down to the shack, but the kids notice
EVERYTHING, even if I move a piece of paper!
73 Barry
P.S. Sri if this is a dupe, first copy went to Internet never-never land
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

285. re: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 12:20:27 UTC
From: Jim Idelson
Topic: 285 Message: 285

Like you, Barry, I have my stuff shipped to the office. Then I bring it in through the back door and install it after Letterman. I can usually count on the new item not being noticed for at least a day or two. Then all I have to say is, "Oh, that? You never saw it before? It's been there for a looooong time."

Large antenna-related items are the most difficult purchases to deal with. Since they usually come in UPS-shippable packaging, the receiving problem is manageable. But, there are definite problems trying to put the new antenna together and install it after Letterman . . .

Richard Thorne wrote:
>
>
> I must be doing this all wrong. I had to ask permission
to buy mine.

I get my stuff shipped to the office, and bring it home when XYL is
out. XYL rarely comes down to the shack, but the kids notice
EVERYTHING, even if I move a piece of paper!
73 Barry
P.S. Sri if this is a dupe, first copy went to Internet never-never land
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

<

Jim

The Information Resource for Conferencing Professionals

James S. Idelson
President
DesigNET International, Inc.
96 Morse Road
Sudbury, Massachusetts USA 01776

email jimi@...
web http://www.designet.com
tel 978.443.5549
fax 978.443.2034

286. Re: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 13:14:20 UTC
From: Paul Hellenberg K4JA
Topic: 285 Message: 286

Not to beat a dead house but my wife just wrote the check for two New ACOM's
and I expect delivery next week.

73 Paul :from new contest centeral
K4JA

287. Re: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 13:30:06 UTC
From: Bob Naumann - N5NJ
Topic: 285 Message: 287

Braggart !!

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Paul Hellenberg K4JA" <k4ja@...>
To: <acom-list@...>
Cc: <k9gy@...>
Sent: Friday, September 15, 2000 13:14
Subject: Re: [acom-list] Re: ACOM benefit

> --------------------------- eGroups
Sponsor ---------------------------~-~>
> Create your business web site your way now at Bigstep.com.
> It's the fast, easy way to get online, to promote your business,
> and to sell your products and services. Try Bigstep.com now.
> http://click.egroups.com/1/9183/7/_/17002/_/969023671/
> ---
-_->
>
> Not to beat a dead house but my wife just wrote the check for two
New ACOM's
> and I expect delivery next week.
>
> 73 Paul :from new contest centeral
> K4JA
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

288. Re: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 15:22:11 UTC
From: Richard Thorne
Topic: 285 Message: 288

Good idea but it won't work for me. We both work in the same office and she gets the shipping tickets.

I'm definitely doing this all wrong. On the other hand I do have an amp......So maybe I just have a great wife, HI.

But it goes back to the other example. If spend it she gets to too.

Barry Kutner wrote:

>
> Richard Thorne wrote:
> >
> >
> > I must be doing this all wrong. I had to ask permission
> to buy mine.
>
> I get my stuff shipped to the office, and bring it home when XYL is
> out. XYL rarely comes down to the shack, but the kids notice
> EVERYTHING, even if I move a piece of paper!
> 73 Barry
> P.S. Sri if this is a dupe, first copy went to Internet never-never land
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

289. Re: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 16:02:32 UTC
From: Paul Hellenberg K4JA
Topic: 285 Message: 289

> Braggart !!

Sorry about that! One of the benefits of 33 years of marriage to the same women that I married twice.

K4JA

290. RE: [acom-list] Re: ACOM benefit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-15 18:15:16 UTC
From: O Donnell, Glenn D (Glenn)
Topic: 285 Message: 290

Best email thread I've followed in a LONG time! :-)

I guess I'll be a braggart too. My XYL actually paid for my Acom
as a birthday present last year. In fact, ALL of my radio toys,
including the transceivers, tower, antennas, etc. are courtesy
of my XYL. I got it good and I know it, so I ain't gonna mess
with a good thing!

She did say, upon first seeing the amp, "I paid five grand
for THAT?!" It is, indeed a stealth toy! I told her she paid
by the pound and then challenged her to pick it up! :-)

73 de Glenn K3PP

> ----------
> From: Paul Hellenberg K4JA[SMTP:k4ja@...]
> Reply To: acom-list@egroups.com
> Sent: Friday, September 15, 2000 12:02 PM
> To: acom-list@egroups.com
> Subject: Re: [acom-list] Re: ACOM benefit
>
>
> > Braggart !!
>
> Sorry about that! One of the benefits of 33 years of marriage to the same
> women that I married twice.
>
> K4JA
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

291. ACOM 2000 Antenna Switch (Everyone happy?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-18 18:36:30 UTC
From: Bill Musa
Topic: 291 Message: 291

Hi,

I purchased the automatic switch, but I have yet to install it. --
I am still using a remote antenna switch made my I.C.E.

I would like to hear some feed-back as to how you like or dislike the
ACOM Switch. (Any problems?) (Things to know?)

73, Bill - K5YG
(Very happy ACOM owner)

292. re: [acom-list] ACOM 2000 Antenna Switch (Everyone happy?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-18 18:56:00 UTC
From: Jim Idelson
Topic: 292 Message: 292

Bill,

I like the switch. I decided to use it inside the shack instead of putting it out on the tower. That way, when I run single-op, everything is fully automated. When I want to reconfigure the station for a multi, all the cables for individual antennas are already coming into the shack. The added benefit is that the switch isn't exposed to any weather.

Jim

Hi,

I purchased the automatic switch, but I have yet to install it. --
I am still using a remote antenna switch made my I.C.E.

I would like to hear some feed-back as to how you like or dislike the
ACOM Switch. (Any problems?) (Things to know?)

73, Bill - K5YG
(Very happy ACOM owner)

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

<

Jim

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email jimi@...
web http://www.designet.com
tel 978.443.5549
fax 978.443.2034

293. ACOM 2000 Control Software (When avail?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-18 18:24:54 UTC
From: Bill Musa
Topic: 293 Message: 293

Hi,

Has anyone heard anything about the W95/98 control software for the
ACOM 2000. Last I heard it was "just about" ready to be released,
then delayed due to some last minute problems ----

73, Bill - K5YG

294. Re: [acom-list] ACOM 2000 Antenna Switch (Everyone happy?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-18 20:36:23 UTC
From: Richard Thorne
Topic: 292 Message: 294

Love the switch. I replaced my Ameritron with it. The only thing that will make it real nice is the new software that is coming.

Great combination.

Bill Musa wrote:

>
> Hi,
>
> I purchased the automatic switch, but I have yet to install it. --
> I am still using a remote antenna switch made my I.C.E.
>
> I would like to hear some feed-back as to how you like or dislike the
> ACOM Switch. (Any problems?) (Things to know?)
>
> 73, Bill - K5YG
> (Very happy ACOM owner)
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062
http://www.tcac.net/~rthorne/

295. Re: [acom-list] ACOM 2000 Control Software (When avail?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-19 02:59:49 UTC
From: aa1nd@aol.com
Topic: 293 Message: 295

Hi,
It is very close. Few more days be patient. Please find the attached file
which will give you an idea how the software will look.
Krassy K1LZ

[Non-text portions of this message have been removed]

296. HamTools for Acom Information

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-19 03:29:30 UTC
From: Gerry Hull
Topic: 296 Message: 296

Friends,

Please refer all questions about HamTools for Acom
directly to me, not to Krassy. He is at my mercy
re the release of the software.

I know you are all impatiently waiting and waiting
and waiting for the release.

I want to use it in CQWW as much as you all do!

I am putting final touches on the installer, and
cleaning up the user interface a bit. It should
be ready very soon -- I hope by this weekend.

The software will support both the 2000A and the
2000SW Switch. It will install directly from an
internet download. It will have an initial 90-day
free trial period, and it will be 100% operational.
After that, you need to license the program. if you
bought your switch/amp in the USA, the license is free.
To all others, there will be a $35 fee.

I'll try and give you daily updates on the release
progress on this reflector. I am working hard to make
it this week. -- I'd like you all to have it for the
RTTY contest.

73 and hang in there...

-Gerry, W1VE
hamtools@...

297. HamTools for Acom Information

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-19 12:10:21 UTC
From: Gerry Hull
Topic: 296 Message: 297

Friends,

Please refer all questions about HamTools for Acom
directly to me, not to Krassy. He is at my mercy
re the release of the software.

I know you are all impatiently waiting and waiting
and waiting for the release.

I want to use it in CQWW as much as you all do!

I am putting final touches on the installer, and
cleaning up the user interface a bit. It should
be ready very soon -- I hope by this weekend.

The software will support both the 2000A and the
2000SW Switch. It will install directly from an
internet download. It will have an initial 90-day
free trial period, and it will be 100% operational.
After that, you need to license the program. if you
bought your switch/amp in the USA, the license is free.
To all others, there will be a $35 fee.

I'll try and give you daily updates on the release
progress on this reflector. I am working hard to make
it this week. -- I'd like you all to have it for the
RTTY contest.

73 and hang in there...

-Gerry, W1VE
hamtools@...

298. HamTools for Acom -- Progress Update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-23 14:07:09 UTC
From: Gerry Hull
Topic: 298 Message: 298

Hello Friends,

I am very close to making the software available. I missed my goal
of today -- too bad, wanted to make some Qs in the RTTY contest, but
going to continue with finishing up. We are day or two away.

73,

-Gerry, W1VE

299. Re: [acom-list] HamTools for Acom -- Progress Update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-23 18:10:23 UTC
From: k5yg@aol.com
Topic: 298 Message: 299

Hi Gerry,

I can't wait to get your software - I would like to find out why I am getting "Detected RF Power at Wrong Time" faults and "Auto Protection Drive Power Removed" faults when operating RTTY. Drive level is 43 watts for 1KW out on 20M. It appears to occur more often when using AFSK and VOX, but did occur last night using FSK and PTT line keyed via my HAL DXP38.

Krassy, Do you still have your computer hooked up to the phone line to receive the error messages from the ACOM 2000A????

73, Bill

In a message dated 9/23/00 9:07:50 AM Central Daylight Time, windev@... writes:

<< Hello Friends,

I am very close to making the software available. I missed my goal of today -- too bad, wanted to make some Qs in the RTTY contest, but going to continue with finishing up. We are day or two away.

73,

-Gerry, W1VE >>

300. Re: [acom-list] HamTools for Acom -- Progress Update

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-23 18:24:23 UTC
From: Gerry Hull
Topic: 298 Message: 300

Bill said:
> Hi Gerry,
>
> I can't wait to get your software - I would like to find out why I am getting
> "Detected RF Power at Wrong Time" faults and "Auto Protection Drive Power
> Removed" faults when operating RTTY. Drive level is 43 watts for 1KW out on
> 20M. It appears to occur more often when using AFSK and VOX, but did occur
> last night using FSK and PTT line keyed via my HAL DXP38.
>

Hi Bill,

Well, the software won't help you with that issue... It reports errors just like the remote, but gives you no further diagnostic other than metering. It sounds like RF is getting into metering or something like that. I'm assuming SWR is fine & the antenna system is far from the shack... Perhaps Krassy can shed some light...

73,

-Gerry

301. Re: ACOM 2000 Antenna Switch (Everyone happy?)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-23 18:41:23 UTC
From: Bill Musa
Topic: 291 Message: 301

Hi,

Thank you for the responses to my question - You gave me some good ideas.

73, Bill - K5YG

--- In acom-list@egroups.com, "Bill Musa" <k5yg@a...> wrote:
> Hi,
>
> I purchased the automatic switch, but I have yet to install it. --
> I am still using a remote antenna switch made my I.C.E.
>
> I would like to hear some feed-back as to how you like or dislike the
> ACOM Switch. (Any problems?) (Things to know?)
>
> 73, Bill - K5YG
> (Very happy ACOM owner)

302. A2000 Faults out with "Detected RF Power at wrong time"

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-23 18:53:56 UTC
From: Bill Musa
Topic: 298 Message: 302

Hi Gerry,

Tnx for info on remote SW not going to tell me anything - thought it couuld read the diagnostics memory.

The VSWR is 1.2:1 feeding a 4-elm monoband yagi.
I have many hours operating at 1500watts out on CW and SSB with the Amp in the exact same postion it is now. I am thinking that maybe using the AFSK to key the VOX circuit may be contributing to the probem, althoght it tripped out once last night using FSK and PTT line. I did notice that at one point when I was operating on 14085 RTTY, that the control unit said 14100-14200 ! Now that is strange! I went back through all band segment settings - all were ok and 14000-14100 was displayed the next time I xmited on 14085. I also re-tuned the AMP on the 14000-14100 band segment. I operated some FSK / PTT line this AM HP and the amp did not trip out with the faults I saw last night - Now I need to try AFSK and VOX again to see what happens. My Omni6 Plus does have a key in / key out line. Maybe I should connect the key out line to the ACOM AMP - maybe I have a race condition with the RF drive reaching the AMP before it thinks it should.

If drive is not removed quick enought when the Detected RF power at wrong time fault occurs the amp is powered all the way off by the "Auto Protection Drive Power Removed" fault.

73, Bill

--- In acom-list@egroups.com, Gerry Hull <windev@i...> wrote:
> Bill said:
> > Hi Gerry,
> >
> > I can't wait to get your software - I would like to find out why I am getting
> > "Detected RF Power at Wrong Time" faults and "Auto Protection Drive Power
> > Removed" faults when operating RTTY. Drive level is 43 watts for 1KW out on
> > 20M. It appears to occur more often when using AFSK and VOX, but did occur
> > last night using FSK and PTT line keyed via my HAL DXP38.
> >
>
> Hi Bill,
>
> Well, the software won't help you with that issue... It reports

errors just like
> the remote, but gives you no further diagnostic other than
metering. It sounds like
> RF is getting into metering or something like that. I'm assuming
SWR is fine & the
> antenna system is far from the shack... Perhaps Krassy can shed
some light...
>
> 73,
>
> -Gerry

303. Acom 2000a software?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-24 20:40:35 UTC
From: RCARIELLO
Topic: 303 Message: 303

I have been seeing alot about software that is soon to be comming out for the Acom 2000a. Can anyone tell me what this software is going to do?

P.S. LOVE THE AMP!!

Rich/AA2MF

304. Re: [acom-list] Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-24 21:57:20 UTC
From: Gerry Hull
Topic: 303 Message: 304

> I have been seeing alot about software that is soon to be comming out for
> the Acom 2000a. Can anyone tell me what this software is going to do?
>
> P.S. LOVE THE AMP!!
>
> Rich/AA2MF
>

Hi Rich,

Before I tell you what the software will do, a little history...

I'm Gerry, W1VE/VE1RM, in Greenfield, NH (a YCCC'r). I'm a software developer (consultant) and a friend of Krassy's. When I heard of the '2000, I told Krassy I would like to write some control software for the 2000A and the 2000SW switch. That was last year -- when we started. I started out with great guns -- and with a lot of feedback from the boys in Bulgaria, I got an inital beta done. A few of the guys who have amps were given a beta copy, and it seemed to work pretty well...

Then, I had way to many commitments on the "commerical" side, so I've had no time at all to complete the project... Only in the past few weeks have I had decent time to get back to it....

So, What is the software and what will it do?

First off, the software will run on Windows 95, 98, ME, NT and 2000 -- all flavors! :-)

There are two modules: one for the amplifier and one for the switch.
In the amplifier module:
- You get almost all the functionality of the control unit in a windows application:
- You get remote monitoring of forward and reflected power in real time on "LED" meters...
- standby/operate control.
- Popup warnings when "bad" conditions are happening in the amplifier.
- Metering of all critical values (same as control unit)
- Logic for Powering ON/OFF the amplifier from your computer.
(The amplifier cannot be directly turned ON via software; however, if the front-panel switch is ON, then there are a set of pins on the RS-232 connector, when shorted for one second, start the amp in a power up seqence. I use unused signals in the PC RS-232 line to toggle this. The user will have to build a little relay or saturated-transistor switch.)

- The ability to tune the amplifier to a frequency WITHOUT transmitting.
I have built an PlugIn API (Applications Programming Interface) for my
HamTools application which interfaces with third-party software and
provides current-frequency information. For example, when I ship,
Support for WriteLog and TRX-Manager will be included. I will also
provide a simple Software Development Kit to allow the other popular
programs to be interfaced to my application. The API works like this:
Your running WriteLog (for example) and running on 20 meters. You see
a great spot on 10. When you grab the spot on 10, your radio changes
frequency, and this is reported to HamTools. HamTools then tells the
amplfier to tune to the frequency segment for the specified frequency.
All this happens before you hit the key or mic. So there is ZERO delay.
The other cool feature is that if you have a Acom Antenna Switch, the
same software will automatically select the appropriate antenna for the
frequency (see next paragraph).

Antenna Switch Module:

- Allows you to define names for all 10 positions
- Allows you to define frequency ranges (any ham segment 3-30 MHz) for
each antenna
- Allows you to define if an antenna is the default antenna for a
specific segment.
- Has support for controlling up to 4 aux. relays, using the spare
pins on RS-232 ports on your PC. You can then use simple
saturated-transistor switches to control aux relays for each antenna
position. The aux switch positions can then be fully labelled.
- Using the PlugIn API, and the frequency definitions you have
specified, antennas will be automatically selected based on
frequency. The switch will return to the last antenna used if it
has been on a band before, or it will use the default antenna for a
frequency if one is defined.

This is a somewhat long-winded answer, but I know that others on the
list would like to know what's up also...

The good news is that the software will be free to Acom International
customers.

The bad news is that it is not released yet. There are still a few
tweeks to be worked out. I will let everyone know via the reflector
as soon as it is up on the http://www.w1ve.com/hamtools site.

Thanks for your interest.

73,

-Gerry, W1VE

305. Re: [acom-list] Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-25 00:07:51 UTC
From: RCARIELLO
Topic: 303 Message: 305

Gerry, Thanks for the detailed message. I am very much looking foward to getting a copy of your software. I have been thinking of switching over to Writelog for my contesting operation. Now i can see this is the only way to go. Good bye DOS, hello Windows.
I use Win4dx as my every day logging program. I hope your software will work with this program too.
Rich/AA2MF

306. Re: [acom-list] A2000 Faults out with "Detected RF Power at wrong time"

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-25 02:37:37 UTC
From: k5yg@aol.com
Topic: 298 Message: 306

Jim, Gerry & others,

Thank you very much for your responses & suggestions.

Apparently there is a problem with my Omni VI Plus, but only on 20M, which is strange. I get the "Detected RF Power at wrong time" fault only when operating on 20M, either into a dummy load or the 4elm monobander. It has nothing to do with the RTTY AFSK input or the VOX circuit, as it occurs one out of five times just keying the Omni in Tune mode. If I keep the drive down to 20w and am quick to go out of transmit, I do not get the subsequent. "Auto Protection Drive Power Removed, which powers the ACOM OFF. I operated many hours during the contest last night on 80, 40 and 15 with never getting the fault.

I figured that the RF was getting to the ACOM before the Omni TX relay pulled in -- The timing is close though, as the amp does not fault out all the time on 20M. It would be interesting to know what the timing is, in both the Omni and ACOM 2000A.

Friday night was the first or second time that I used the Omni to drive the ACOM. I usually drive the ACOM with my Mark V FT-1000MP. I am using the Mark V relay to ground signal to key the ACOM (goes to Key-In jack) I have operated plenty of CW and SSB on all bands and NEVER had the ACOM 2000A fault out for any reason.

So -- what did I do?? This morning I connected the Omni VI TX Out to the ACOM Key In and the ACOM Key Out to the Omni VI Key In. I disabled the mechanical relay in the Omni as well.

I operated much of today on 20M, 15M and 10M - at 1500 out on RTTY with the Omni VI driving the 2000A - As expected there were no problems at all! The ACOM 2000A performed flawlessly - It is absolutely wonderful to use in a contest.

I am going to borrow a dual trace scope from work to see just what is going on with the Omni VI. I will let you know what the results are.

It is a bit of a pain to have to use the Key in and Key out lines - Prior to today, I had the ACOM 2000A Key-Iin line connected to a A/B switch that allowed me to switch between the Omni and Mark V. Maybe I can still switch just the ACOM Key-In line between the Omni and Mark V and leave the ACOM Key-Out line connected to the Omni Key-In line.

I don't imagine that I am the first one to run across the problem of the Xmtr RF out and mechanical relay ground on transmit being to close time-wise.

Again, Thank you for the help -- (It is nice to be a member of the ACOM group)

73, Bill - K5YG

307. Re: [acom-list] Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-25 14:16:49 UTC
From: alsopb
Topic: 303 Message: 307

Guys,

Time for a complaint.

I know Gerry has been busy with this software.

I wanted to obtain the necessary protocol info to write my own software for special apps here. I was pointed to Gary or to the ACOM technical info E-mail address by Krassy.

To date I have received no information from either.

Shouldn't we have ready access to this data after spending $5500 for our box?

I already have a most of the program I want to use debugged an placed on a Basic Stamp. Problem is that I can get it to talk to the ACOM but the ACOM won't shut up. It keeps sending me the data I asked for over and over again.. Clearly there is something lacking in the protocol area in the documentation I have.

I see no reason for there be a monopoly on the use of ACOM network control.

de Brian/K3KO

Gerry Hull wrote:
>ich,
>
> Before I tell you what the software will do, a little history...
>
> I'm Gerry, W1VE/VE1RM, in Greenfield, NH (a YCCC'r). I'm a software
> developer (consultant) and a friend of Krassy's. When I heard of the
> '2000, I told Krassy I would like to write some control software for
> the 2000A and the 2000SW switch. That was last year -- when we
> started. I started out with great guns -- and with a lot of feedback
> from the boys in Bulgaria, I got an inital beta done.

308. Re: Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-25 18:07:19 UTC
From: Bill Musa
Topic: 303 Message: 308

Gerry,

Well, I am almost ready for your control software - Today I ordered a USB to COM Port adapter for my Quantex Notboook Computer.

How about an early release "beta version"?

73, Bill - K5YG

--- In acom-list@egroups.com, Gerry Hull <windev@i...> wrote:
>
> > I have been seeing alot about software that is soon to be comming out for
> > the Acom 2000a. Can anyone tell me what this software is going to do?
> >
> > P.S. LOVE THE AMP!!
> >
> > Rich/AA2MF
> >
>
> Hi Rich,
>
> Before I tell you what the software will do, a little history...
>
> I'm Gerry, W1VE/VE1RM, in Greenfield, NH (a YCCC'r). I'm a software
> developer (consultant) and a friend of Krassy's. When I heard of the
> '2000, I told Krassy I would like to write some control software for
> the 2000A and the 2000SW switch. That was last year -- when we
> started. I started out with great guns -- and with a lot of feedback
> from the boys in Bulgaria, I got an inital beta done. A few of the
> guys who have amps were given a beta copy, and it seemed to work pretty
> well...
>
> Then, I had way to many commitments on the "commerical" side, so I've
> had no time at all to complete the project... Only in the past few
> weeks have I had decent time to get back to it....
>
> So, What is the software and what will it do?
>
> First off, the software will run on Windows 95, 98, ME, NT and 2000
--

> all flavors! :-)
>
> There are two modules: one for the amplifier and one for the switch.
> In the amplifier module:
> - You get almost all the functionality of the control unit in a
> windows application:
> - You get remote monitoring of forward and reflected power in real
> time on "LED" meters...
> - standby/operate control.
> - Popup warnings when "bad" conditions are happening in the
> amplifier.
> - Metering of all critical values (same as control unit)
> - Logic for Powering ON/OFF the amplifier from your computer.
> (The amplifier cannot be directly turned ON via software;
however,
> if the front-panel switch is ON, then there are a set of pins
on
> the RS-232 connector, when shorted for one second, start the
amp
> in a power up seqence. I use unused signals in the PC RS-232
line
> to toggle this. The user will have to build a little relay or
> saturated-transistor switch.)
>
> - The ability to tune the amplifier to a frequency WITHOUT
transmitting.
> I have built an PlugIn API (Applications Programming Interface) for
my
> HamTools application which interfaces with third-party software and
> provides current-frequency information. For example, when I ship,
> Support for WriteLog and TRX-Manager will be included. I will also
> provide a simple Software Development Kit to allow the other popular
> programs to be interfaced to my application. The API works like
this:
> Your running WriteLog (for example) and running on 20 meters. You
see
> a great spot on 10. When you grab the spot on 10, your radio
changes
> frequency, and this is reported to HamTools. HamTools then tells
the
> amplfier to tune to the frequency segment for the specified
frequency.
> All this happens before you hit the key or mic. So there is ZERO
delay.
> The other cool feature is that if you have a Acom Antenna Switch,
the
> same software will automatically select the appropriate antenna for
the
> frequency (see next paragraph).
>

> Antenna Switch Module:
>
> - Allows you to define names for all 10 positions
> - Allows you to define frequency ranges (any ham segment 3-30 MHz)
for
> each antenna
> - Allows you to define if an antenna is the default antenna for a
> specific segment.
> - Has support for controlling up to 4 aux. relays, using the spare
> pins on RS-232 ports on your PC. You can then use simple
> saturated-transistor switches to control aux relays for each
antenna
> position. The aux switch positions can then be fully labelled.
> - Using the PlugIn API, and the frequency definitions you have
> specified, antennas will be automatically selected based on
> frequency. The switch will return to the last antenna used if it
> has been on a band before, or it will use the default antenna for
a
> frequency if one is defined.
>
>
>
> This is a somewhat long-winded answer, but I know that others on the
> list would like to know what's up also...
>
> The good news is that the software will be free to Acom
International
> customers.
>
> The bad news is that it is not released yet. There are still a few
> tweeks to be worked out. I will let everyone know via the reflector
> as soon as it is up on the http://www.w1ve.com/hamtools site.
>
> Thanks for your interest.
>
> 73,
>
> -Gerry, W1VE

309. Re: [acom-list] Re: Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-26 00:37:52 UTC
From: Gerry Hull
Topic: 303 Message: 309

>
> Gerry,
>
> Well, I am almost ready for your control software - Today I ordered a
> USB to COM Port adapter for my Quantex Notboook Computer.
>
> How about an early release "beta version"?
>
> 73, Bill - K5YG

Hi Bill,

Well, I am almost ready to release it! Too many honey-do's over the
weekend to get it quite cleaned up... Even wanted to get on and work
my buddies @ VY2SS in CQWW RTTY... but no go... They missed last years
M/S record score by only a few hundred points...

Anyway -- Sounds good. I hope you did not buy an Integra USB Serial Port.
I have a 4-port one... I bet I spent a month debugging the Acom software
looking for a bug -- the bug was the driver for the Integra -- it would
hang at random times. That particular unit is no longer made, so it is
probably not going to be the same. The best USB->Serial converters, and
serial boards in general, that I have found, are from comtrol (http://www.comtrol.com).
The Rocketport series is priced reasonably, and works great.

Hang in there with me -- I'll have the stuff to you in plenty of time for
CQWW, and if you find any bugs (What Bugs???) in the released code, I'll
respond quickly with an update.

73,

-Gerry

310. Re: [acom-list] Re: Acom 2000a software? (long answer)

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-26 04:12:52 UTC
From: k5yg@aol.com
Topic: 303 Message: 310

Hi Gerry,

Bugs? what Bugs? hi - We have 200 programmers fixing "bugs" in our software!! Millions and Millions lines of Ada and C++ code!! Yep - Our stuff is "bug" free also - hi --

I bought a Xircom PortGear USB to Serial Converter --

73, Bill - K5YG

In a message dated 9/25/00 7:49:49 PM Central Daylight Time, windev@... writes:

<<
Hang in there with me -- I'll have the stuff to you in plenty of time for CQWW, and if you find any bugs (What Bugs???) in the released code, I'll respond quickly with an update.
>>

311. My ACOM 2000s in the CQ WW RTTY Contest

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-26 11:46:50 UTC
From: John Devoldere (ON4UN)
Topic: 311 Message: 311

Dear ACOM friends:

After having used the ACOM2000 for well over 2 years now, I had my first "problem" with "it" during the RTTY contest.

I had been running the units at (at least) 1500 Watt output (FSK, that is continuous carrier, through "relatively" short transmissions) when about 38 hours into the contest one unit simply quit (totally dead). I first checked the fuses (as I had never, ever yet had to even "look" at the amp, I did not even know where the fuses where...) and yes, one of the 20 Amp fuses was dead. And of course, I did NOT have a 20 Amp ceramic body fuse. So first I inserted a glass body 15 Amp fuse (which I had plenty) and fired it up. All seemed OK. I quickly tested it, and got fill power, no complaint! By then I knew what had been the problem: to much power for too long a time, and as a "slow" fuse is indeed a thermal "component", one fuse went. Next question: where do you find a 20 Amp ceramic body (slow blow) fuse on a Sunday afternoon. Well, the answer is simple: you don't. Back to the basics of amateur radio: MAKE ONE. After looking around in my workshop for the most suitable material, I found some copper tubing with a 6 mm diameter, which I used to make PA coils. The fuses are 1/4 inch, or 6.35 mm. Close. I cut the right length off the tubing, and increased the diameter at both ends by putting ample solder on it (see picture attached, showing the original ceramic body fuse, the low voltage glass fuze and the home made temporary "replacement" fuse).

Ten minutes later I was back in business. The current rating of that fuse? Maybe 1000 Amps, anyhow much more than the fuse socket. Don't worry, the amplifier has two fuses, one in each lead of the 230 Volt line. One is still the original one. This afternoon I will shop for 20- amp slo-blo fuses.

Apparently the power I ran for a prolonged time on RTTY was too much for the fuse, NOT FOR THE ACOM!

I just wanted you to know that after some 27 months of using the (first) ACOM2000 this is the only "problem" I have had with it.

I must admit it really is one of the very finest pieces of radio equipment I have ever owned, and certainly the best engineered and built amplifier around.

BTW, I made just over 2000 QSOs in the RTTY contest for approx. 3.6 Mi. claimed points. Using the set-up in a "assisted" category is just a joy, and changing bands is child's play. CONGRATS and THANK YOU ACOM for providing me with a piece of equipment that has given me so much enjoyment!

73

John, ON4UN

[Non-text portions of this message have been removed]

312. Re: My ACOM 2000s in the CQ WW RTTY Contest

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-26 16:59:17 UTC
From: Bill Musa
Topic: 311 Message: 312

Hi John,

I used my ACOM2000A in a contest for the first time during the CQ/RJ WW.- What a joy! Once I figured out why the ACOM was faulting out with an "RF detected at wrong time" fault - It was steady ops at 1500watts out - I ran less hours than you -- so no blown fuses -

I like the 1000A fuse you made! - The old trick I have used is to wrap the blown fuse with either copper or aluminum foil.

I solved the ACOM faulting out on the drive reaching the amp prior to the Key signal, by connecting the TX control in and out from the Omni-6 to the ACOM. I wonder how much delay the ACOM would like to see?? That is, RF after Key to ground.

I spoke to Ten-Tec yesterday and was told that when using the Omni internal mechanical relay to key the amp, the RF will get there first. Now, why it only happens on 20M could be due to RF pickup or RF loop somewhere, or I may not have operated long enough on 40M Friday night to have it occur on that band.

I have used the ACOM with my Mark V much more on CW - and am using the ground-on-transmit relay in the Mark V to the ACOM Key input. Never had the ACOM fault out with the Mark V.

I love my ACOM Amp - It is the best made amp I have ever seen - and of course, a real pleasure to use. Now, if I could only move it outside into the shed next to my tower -- that will be next --

73, Bill K5YG

--- In acom-list@egroups.com, "John Devoldere \(ON4UN\)" <john.devoldere@p...> wrote:
> Dear ACOM friends:
>
> After having used the ACOM2000 for well over 2 years now, I had my first
> "problem" with "it" during the RTTY contest.
>
> Apparently the power I ran for a prolonged time on RTTY was too much for the
> fuse, NOT FOR THE ACOM!

313. Re: My ACOM 2000s in the CQ WW RTTY Contest

Yahoo group: acom-list (1999 — 2009)
Date: 2000-09-29 14:27:54 UTC
From: Bill Musa
Topic: 311 Message: 313

John,

Congratulations on your contest contacts/score -- and thank you for the contacts - I was wondering if you were using your ACOM - Acom to Acom - hi --

I ran my 2000A at 1KW out - It runs very cool at 1kw out - The right side of the amp became slightly warm - My unit does have the external fan.

At 1500 out, my 12 x 12ft room reaches 90f in a short time -- my wife suggested I install a vent fan in the celling. I suggested that I could relocate the amplifer to her bathroom - she was not wild about that idea! How do you get the heat out of your "shack"??

73 de Bill, K5YG

--- In acom-list@egroups.com, "John Devoldere \(ON4UN\)"
<john.devoldere@p...> wrote:
> Dear ACOM friends:
>
> After having used the ACOM2000 for well over 2 years now,

314. Heater lamp flashing

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-08 21:40:51 UTC
From: Bob Willis
Topic: 314 Message: 314

What does it mean when the heater lamp lights up for abt 1 ~ 3 seconds then shuts off for 3 ~ 30 seconds? The mains are set correctly and it doesnt seem to matter if I'm transmitting or idle. I havent noticed this happening before now but it's possible that it has, just never noticed.

Otherwise, this amp is the best investment I've made in Amateur Radio to date. Great job folks!

Bob ~ WJ1Z

[Non-text portions of this message have been removed]

315. Re: [acom-list] Heater lamp flashing

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-09 12:34:14 UTC
From: aa1nd@aol.com
Topic: 314 Message: 315

Hi Bob,
This men that your mans voltage is not exactly 240 V. This si higher or lower
We have protection on the filament voltage of the tubes. And when the line is
not exact this only warning you that your line voltage is not exact. The next
steps is the protection will protect wilt the red light if the mans voltage
become less or more 10 % from The nominal value (240 v) .
Don't worry this will happen this is only a wording.
Krassy

316. HamTools for Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-16 19:33:47 UTC
From: Gerry Hull
Topic: 316 Message: 316

Hello All,

I know you are all getting ready for CQWW in a couple
of weeks.

Saturday I gave a Release Candidate for Hamtools for Acom
to a few selected testers. Feedback so far has been very
positive. So, baring any major glitches, it should be in
your hands in the new few days!

Good News -- Support for LogWindows will be shipping with the
initial release.

73,

-Gerry, W1VE/VE1RM

317. Anyone using ACOM 2000A an Omni-VI ?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-24 11:55:04 UTC
From: k5yg@aol.com
Topic: 317 Message: 317

Is there anyone out there using the ACOM 2000A with an Omni-VI Plus?

My 2000A will not let the Omni come out of transmit, when using the ACOM Key In and Key Out lines.

The ACOM Key Out line stays low and keeps the Omni-VI transmitting AFTER the Omni Key Out line goes high (when the Omni is switched back to receive). This keeps the Omni transmitting. Transmission can be stopped by taking the 2000A back to STB (standby).

Key In and Key Out voltage readings using a break-out box:

Omni Key-Out line to ACOM with Omni NOT Keyed = 10.12V
(ACOM Key-In line) Keyed = 83mv

ACOM Key-Out lint to Omni with Omni NOT Keyed = 9.03
(Omni Key-En line) Keyed = 1.83V

Once the ACOM starts transmitting, the ACOM Key-Out line stays LOW (1.83V) and the Omni keeps transmitting until I pull the ACOM Key-Out connector.

If I remove the RF Input from the ACOM RF input connector, and connect the Omni to a dummy load, the Omni goes in and out of transmit OK.

It does not matter what drive level I use, the problem exists when driving the ACOM with 1 watt or 50 watts.

I am discussing the problem with Paul at Ten-Tec. He suggested I try a couple diodes in series with the ACOM KEY-OUT line - made no difference --

There are some strange things going on: The problem does not occur with all of the Omni-VI modes of operation! The problem occurs all the time when switching the Omni to TUNE, while the Omni is in CW or FSK modes. It does not occur when going into TUNE from USB, LSB or FM. Paul is looking into this aspect of the problem.

Any ideas or suggestions???

73 de Bill, K5YG

318. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-26 03:42:26 UTC
From: acom-list@egroups.com
Topic: 318 Message: 318

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /TenTec.doc
Uploaded by : k5yg@...
Description : Use Ten-Tec Xcvrs with the 2000A - "The Fix"

You can access this file at the URL

http://www.egroups.com/files/acom-list/TenTec%2Edoc

To learn more about eGroups file sharing, please visit

http://www.egroups.com/help/files.html

Regards,

k5yg@...

319. Fixes to allow Ten-Tec Xcvrs to work with the ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-26 03:59:32 UTC
From: Bill Musa
Topic: 319 Message: 319

Hello ACOM Group:

I just uploaded a write-up and schematic(prepared by Vasco, LZ1JK) that fixes the Ten-Tec / 2000A compatability problem. Krassy emailed the fix to me yesterday -- Thank you Krassy --

I tested the "Simple Fix" tonight with my Omni VI and ACOM 2000A on QSK high speed CW -- all appears well - no faults to report.

The "Simple Fix" is to connect the Omni Key-Out to the Key-EN jacks with a RCA connector "T" cable. The common connector connects to the 2000A Key-In connector. The 2000A Key-Out is NOT used.

I sent the write-up to Paul Clinton (Service Mgr) at Ten-Tec -- He heard about the problem from a couple of us and is very much interested in fixing the problem.

73 de Bill, K5YG

320. Re: HamTools for Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-26 04:13:02 UTC
From: K6NDV Will
Topic: 316 Message: 320

--- In acom-list@egroups.com, Gerry Hull <windev@i...> wrote:
> Hello All,
>
> I know you are all getting ready for CQWW in a couple
> of weeks.
>
> Saturday I gave a Release Candidate for Hamtools for Acom
> to a few selected testers. Feedback so far has been very
> positive. So, baring any major glitches, it should be in
> your hands in the new few days!
>
> Good News -- Support for LogWindows will be shipping with the
> initial release.
>
> 73,
>
> -Gerry, W1VE/VE1RM

I've been out for a few, is the software availble for the coming CQWW
tes?
Thanks Will, K6NDV

321. FWD: [acom-list] Re: HamTools for Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-26 11:57:32 UTC
From: Jim Idelson
Topic: 321 Message: 321

Close . . . but not quite. I have been working closely with Gerry on the testing, and it is not yet ready for release. What I can tell you is that the debugging process is moving along. Gerry believes he has all the information from Bulgaria necessary to correct the problems in the communication protocol. He is quite upset that he was not able to make it come together in time for this weekend.

I don't want to set any expectations for delivery dates, but I can tell you that there is plenty of activity on this project. Gerry will be working on the fixes as soon as he returns from Canada [VY2SS] on Monday.

73,

Jim K1IR

---------- Forwarded Message ----------

FROM: " K6NDV Will" <k6ndv@...>
TO: acom-list@egroups.com
DATE: Thu, 26 Oct 2000 04:13:02 -0000

RE: [acom-list] Re: HamTools for Acom

--- In acom-list@egroups.com, Gerry Hull <windev@i...> wrote:
> Hello All,
>
> I know you are all getting ready for CQWW in a couple
> of weeks.
>
> Saturday I gave a Release Candidate for Hamtools for Acom
> to a few selected testers. Feedback so far has been very
> positive. So, baring any major glitches, it should be in
> your hands in the new few days!
>
> Good News -- Support for LogWindows will be shipping with the
> initial release.
>
> 73,
>
> -Gerry, W1VE/VE1RM

I've been out for a few, is the software availble for the coming CQWW tes?
Thanks Will, K6NDV

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

322. Re: [acom-list] New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 14:24:00 UTC
From: aa1nd@aol.com
Topic: 318 Message: 322

Vase Tova e rezumeto na Simon Jivkov
S I M O N J I V K O V
710, S. Atherton st, #212; State College, PA 16801
Phone: (814) 234-2338; E-mail: stj2@...
O B J E C T I V E:
To obtain a position in the area of ELECTRONIC RESEARCH, ENGINEERING, DESIGN & DEVELOPMENT.
P R E L L I M I N A R Y :
I know to work hard, giving all my knowledge, energy and soul to the work, to design smart and reliable devices. Most of them still working, including my first hobby-radios made more than 30 years ago. Most of the works performed in my own Electronic Laboratory.
E X P E R I E N C E:
More than 50 various electronic devices, most of them designed and engineered completely by myself, from power supply to software; some of them are unique, others in mass production, in scientific laboratories or "flying" on Space satellites.
S K I L L S:
Complete design and development of stand-alone or system devices from Idea to Final product:
RESEARCH (scientific, laboratory, industrial, home and other electronic applications)
HARDWARE DESIGN (any TTL, CMOS, uP, uC, Memory, Display, Opto, Discrete and others)
ASSEMBLER PROGRAMMING (Motorola, Intel, Zilog, Mitsubishi or any other)
PROTOTYPING, DEBUGGING (simulation, in circuit emulation)
PCB LAYOUT DESIGN (OrCad, Cadstar, Pcad, Protel or any other CAD/CAE)
SOFTWARE - (Basic, Pascal; DOS, Windows; Word, Adobe, Corel and others)
AREAS: MICROPROCESSOR or MICROCONTROLLER based systems
DIGITAL or MIXED circuits/systems CONTROL and TEST systems
PC based systems Analog, Audio & RF circuits
Analog and/or Switch Power supplies Optoelectronics and others
E D U C A T I O N:
MS in Physics, University of Sofia, Bulgaria, 1979
Certified Electronic Technician, Central Radio Lab, Sofia, 1972
LANGUAGES: Bulgarian, Russian, English, French.
E M P L O Y M E N T:
Since 2000 QorTek Inc, Williamsport, USA; Consulting engineer.
Design and Development of various electronic equipment.
2000 Electrical Engineering, Pennsylvania State University, USA.
Design and maintenance of various electronic equipment.
1999 CICTR, Electrical Engineering, Pennsylvania State University, USA.
Various laboratory assistance, maintenance of PCs.
Since 1990 SELEQ (Special ELectronic EQuipment) Co, Sofia, Bulgaria.

All design, development and engineering from idea to final product of
various
Laboratory or Industrial electronic instruments.
1988-90 University of Sofia, Bulgaria - Research Associate.
R&D of specific devices for Scientific and Research laboratories.
1979-88 Space Research Laboratory, Bulgarian Academy of Sciences -
Research Associate.
R&D of electronic instruments for Remote Sensing and Space Research.

L I S T of more significant R&D and Products:
* - Participating in the project.
1. High-efficiency, low-noise Switch-mode Power supply, 2000;
2. Signal processing module for photon counting Photomultiplier, 2000;
3. Method and device for reliable password checking, 2000;
4. Audible timer for photolaboratory, 2000;
5. 8 Mb EPROM copy programmer, 2000;
6. Christmas lights - Burst-flashing star, 1999;
7. Monopulse Kirlian-Photography Camera, 1999;
8. Portable Editor, Emulator, EPROM Programmer(4/8 Mb), ESPRO-9, 1999;
9. High efficiency DC-DC power supply modules, 1999;
10. Programmable ground resistivity - chargeability meter, 1998;
11. PC-based ground resistivity meter, SAT-11, 1997;
12. Editor, Emulator, EPROM/micros Programmer(8 Mb), ESPRO-8, 1996;
13. Serial EE PROM Programmer, 1996;
14. PC-based EPROM/RAM Simulator, Edit while simulate(8Mb), SIM-8, 1995;
15. Controller / programmer for Washing machine, 1995;
16. PC-based TTL / CMOS Tester TCT-1, 1994;
17. PC-based 8/16 bit EE/EPROM Programmer (8 Mb) PCP-8, 1994;
18. Programmable power controller PPC-4, 1993;
19. Home Thermocontroller, 1993;
20. Editor, Emulator, EE/EPROM Programmer (512k/4Mb) ESPRO-6, 1992;
21. 6-channel programmable Thermocontroller PTC-6, 1991;
22. Bench multichannel Power supply MPS-10, 1990;
23. PC-based Data Acquisition System for multichannel Thin-film evaporation,
1989;
24. Editor, EPROM-Emulator / Programmer (128 Kb) ESPRO-1, 1989;
25. Computerized System for semiconductor spectroscopy,* 1989;
26. Precise power supply for EG&G Spectrometric System, 1988;
27. 4-channel digital Thermometer, 1988;
28. Remote sensing Spectrometer "Spectrum-256" for Space station MIR,*
1987-88;
29. Bench digital Timer / clock, 1987;
30. Counter of moving objects, 1987;
31. Device for express Heart-pulse measuring, 1986;
32. Editor, EPROM-Simulator (32 Kb), 1986;
33. Portable surface-contamination radiation Meter, 1986;
34. TV-camera & spectrometer for International space project FOBOS,* 1985-86;
35. Electronic wavelength scanning for Interferometer, 1985;
36. Device for automatic test of Relays, 1985;
37. Hollow-cathode tubes spectrum measuring appliance, 1985;

38. Testing device for Public transport controlling system, 1984;
39. 16-channel audio Analyzer / equalizer, 1984;
40. Ground spectrometer for Remote sensing "ISOH-111",* 1983-84;
41. Function generator / Graphic analyzer; 1983;
42. LED-matrix information display, 1983;
43. Electronic Christmas lights; 1982;
44. Digitally controlled FM-tuner, 1982;
45. Remote sensing Spectrometer "SMP-32" for Space satellite METEOR,*1980-81;
46. Testing / calibrating device for spectrometer "SMP-32",* 1980;
47. Programming device for Geophysical observatories, 1979;
48. Programmable 6-channnel Color-music, 1979; 54. Thermocontroller
for thin-film evaporation, 1975;
49. Bench digital Frequency-meter, 1979; 55. FM-tuner, 1974;
50. 4-channel Color-music, 1978; 56. Audio-amplifier
(2x20W), 1973;
51. Device for Thin-film thickness & 57. Laboratory
switch-mode power supply, 1972;
Deposition rate monitoring, 1978; 58. Bench power supply,
1971;
52. Audio-amplifier (2x60W), 1977; 59. AM tube-radio,
5-band, 1970;
53. Device for measuring Life-time of carriers 60. Pocket-size
transistor radio, 1969-70;
in semiconductors, 1976; 61. AM tube-radio, 3-band,
1967-70;

323. Re: ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 14:29:22 UTC
From: aa1nd@aol.com
Topic: 323 Message: 323

Hi
My apology to everybody I send mail by mistake to the ACOM reflector.
Krassy

324. ACOM w/switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 15:18:51 UTC
From: Brian Smithson
Topic: 324 Message: 324

Hi all!

Two very interesting things just happened...

Just got done operating CQWW (tried a pretty serious effort this year) and really felt the need to make the jump to the HIGH category...

and...

My wife just 'ordered' another horse. We have two now and I have two towers. I've joked that I have to have an even tower-to-horse ratio for sanity (I'm not a big horse fan). Apparently, the horse was purchased 'on the sly' and when I found out she sheepishly asked if I needed another tower or something. WELL! I _do_ need an amp!

So, on to my question:

I seem to recall a while back that ACOM was running a special bundling thier switch with the amp - am I all wet on that or are they still doing it?

Thanks es 73!

-Brian n8wrl

325. Re: [acom-list] ACOM w/switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 19:42:15 UTC
From: Larry Crim
Topic: 324 Message: 325

>Just got done operating CQWW

Me, too. Had my Acom for a full year of heavy duty, 48 hour endless CQing contesting and had yet to have it even whimper. It doesn't even get warm! Amazing.

Now for my question. A few years back W0UN explained to me a system in which an autotune amp (in his case Alpha) could be used for BOTH transmitters in a single op two radio configuration. Eliminating the need for a second amp...in my case an AL-1500.

Anyone know how to do this?

-Larry K4AB

-----Original Message-----
From: Brian Smithson <bsmithson@...>
To: acom-list@egroups.com <acom-list@egroups.com>
Date: Monday, October 30, 2000 09:19
Subject: [acom-list] ACOM w/switch

>Hi all!
>
>Two very interesting things just happened...
>
>Just got done operating CQWW (tried a pretty serious effort this
>year) and really felt the need to make the jump to the HIGH
>category...
>
>and...
>
>My wife just 'ordered' another horse. We have two now and I have
>two towers. I've joked that I have to have an even tower-to-horse
>ratio for sanity (I'm not a big horse fan). Apparently, the horse
>was purchased 'on the sly' and when I found out she sheepishly
>asked if I needed another tower or something. WELL! I _do_ need
>an amp!
>
>So, on to my question:
>
>I seem to recall a while back that ACOM was running a special
>bundling thier switch with the amp - am I all wet on that or are
>they still doing it?
>
>Thanks es 73!
>

>-Brian n8wrl
>
>
>
>To unsubscribe, send an empty message to:
>
>acom-list-unsubscribe@egroups.com
>

326. Re: [acom-list] ACOM w/switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 18:33:59 UTC
From: Valeri Stefanov
Topic: 324 Message: 326

Larry,

We have just used such a switch at LZ5Z in CQWW.
It is made by ACOM and works really fine with two
radios connected to one amplifier.
You however must use only YAESU radios since this
device works with TX inhibit function of the radios.

Nice piece of gear since in M/S it allows to use only
one signal at any time at running station while gives you
more flexibility with two radios on the CQ band.

Hope this helps there. Ask Krassi for more info.

73's de Wally LZ2CJ (LZ5Z in CQWW SSB 2000)

327. Re: [acom-list] ACOM w/switch

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-30 20:41:01 UTC
From: alsopb
Topic: 324 Message: 327

Larry,

It's all a matter RF switches. Contest software does put out a LPT port voltage which allows the active (ready to transmit) radio to be selected. One can use this to switch anything you want. Some logging software does the same (e.g. LOG-EQF).

This was my first SSB contest with the ACOM. I found out the wisdom of NOT remotely locating the amp. Using a station with the antennas tuned for the CW band plus the adrenaline of contesting resulted in quite a few trips especially when operating high in the band.

My previous experience in the RTTY contest generated only a few trips.

The amp is something. Nothing to worry about. It just puts out and protects itself if you abuse it.

My only gripe is that the band segments are too large-- especially on 10 meters with antennas having a rapidly rising SWR. I would prefer to have the option of half as many "antennas" and half as wide band segments.

de Brian/K3KO

328. ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2000-10-31 14:01:25 UTC
From: aa1nd@aol.com
Topic: 328 Message: 328

The 2000A worked flawlessly during the recent CQWW Phone contest. I am particularly impressed with the self-protection features. Congratulations on a great product. Dick, K5RR

329. Re: [acom-list] ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-01 10:47:43 UTC
From: Bob Naumann - N5NJ
Topic: 328 Message: 329

I also just returned from V26B where I used my Acom 2000A on 15M.

We installed a delta loop as an alternate antenna to pick up South American multipliers when we're working JA's and it's swr was about 2:1. I used the tuning feature of the Acom and set it up on antenna 2 (A2) for the delta loop. It was easy to switch back and forth: right arrow, Enter; left arrow, Enter.

It worked great and we did the best we've ever done on 15m with 4739 qsos, 40 zones,162 countries.

I transported the Amplifier in it's original box and hand-carried the transformer in a bowling ball bag. The transformer got a lot of attention at the airport security stations.

One of the other V26B operators brought his FT1000MP in a very nice, heavy duty, professional transport case which caused me to wonder how much interest there is from this group for a possible group purchase / discount on a case like that for your Acom ?

The cases cost about $400 to $500, but to protect a much larger investment, it seems to be worth it to me. My cardboard box is quite beat up after two round trips to Antigua.

Let me know if you would be interested in finding out details.

73,
Bob N5NJ / V26O

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <aa1nd@...>
To: <acom-list@egroups.com>
Sent: Tuesday, October 31, 2000 14:01
Subject: [acom-list] ACOM

> The 2000A worked flawlessly during the recent CQWW Phone contest. I
am
> particularly impressed with the self-protection features.
Congratulations on
> a great product. Dick, K5RR
>

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>

330. FWD: Re: [acom-list] ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-01 12:36:04 UTC
From: Jim Idelson
Topic: 330 Message: 330

Sounds like you had a great weekend. It was good to work you, Bob. 15 meter was definitely THE BAND for qsos [with reduced 10m prop on Sunday].

The surplus market turns up a lot of used transport cases . . . equipment cases and trade show cases. These are good options that often end up coming in under $100. But, of course, you can't get 'em all the time, and you have to carry a ruler to the store. There is a surplus electronics store that I recently became aware of [tnx W1VE], in southern New Hampshire that carries these cases occassionally. There may be a similar source in your neighborhood.

73,

Jim K1IR

---------- Forwarded Message ----------

FROM: "Bob Naumann - N5NJ" <n5nj@...>
TO: <acom-list@egroups.com>
DATE: Wed, 1 Nov 2000 10:47:43 -0000

RE: Re: [acom-list] ACOM

I also just returned from V26B where I used my Acom 2000A on 15M.

We installed a delta loop as an alternate antenna to pick up South American multipliers when we're working JA's and it's swr was about 2:1. I used the tuning feature of the Acom and set it up on antenna 2 (A2) for the delta loop. It was easy to switch back and forth: right arrow, Enter; left arrow, Enter.

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The cases cost about $400 to $500, but to protect a much larger investment, it seems to be worth it to me. My cardboard box is quite beat up after two round trips to Antigua.

Let me know if you would be interested in finding out details.

73,
Bob N5NJ / V26O

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: <aa1nd@...>
To: <acom-list@egroups.com>
Sent: Tuesday, October 31, 2000 14:01
Subject: [acom-list] ACOM

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am
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Congratulations on
> a great product. Dick, K5RR
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>
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To unsubscribe, send an empty message to:

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331. FT990 & ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-03 15:17:52 UTC
From: Brian Smithson
Topic: 331 Message: 331

Good morning!

Pretty exciting news - I just ordered a 2000A and Krassy was very helpful bringing me up to speed on all the features, etc.

Now that it's on the way, I've been reading things over to get ready and I've been looking into the amp's need for a 'ground to transmit' signal from the rig.

I wonder if any FT990 owners out there can give me a short-cut to getting this signal from the 990, and how best to configure the radio to work with this amp. The 990 manual goes into some detail about using the 'remote' jack (a multi-connector jack) to work with an amp. It looks like I have a couple of things to check:

1. Does the amp's 'ground to xmit' voltage exceed 50VDC or 500mA? That determines whether or not I need to enable an internal relay or use transistor switching.

2. The 2000A is QSK capable, and the 990 says 'if it is designed for QSK operation you will need to connect its exciter-enable output to pin 8 of the BAND DATA jack' presumabely to clue the 990 in on when the amp can accept signal.

Sure seems like someone would have solved this problem before, and/or hooked a 990 to a modern, non-Yaesu amp. Any tips?

Thanks and 73!

-Brian n8wrl

332. Re: [acom-list] ACOM and FT990

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-04 18:13:25 UTC
From: aa1nd@aol.com
Topic: 332 Message: 332

Hi Brian,
All you need to make yourself is a control cable between FT990 "BAND DATA" connector and ACOM2000A "KEY-IN" and "KEY-OUT" sockets.

Use a piece of 5-10 feet (as needed) two-way screened cable, one DIN-8 connector for FT990 and two different color RCA phono jacks for ACOM2000A.

Please note that there are two nearly equal types of DIN-8 connectors on the market. One type is where all pins centers lay on an exact circle: these don't match FT990 rear panel connector. You would need a modified type, where two bottom pins are slightly distanced outside the circle - the "horseshoe" modified DIN-8.

Now look at page 7 of FT990 Operating Manual. Find BAND DATA connector description there.

- Connect one of the wires to pin 2 "TX GND" of DIN-8 connector and mark its end as "KEY-IN" for ACOM2000A;
- Connect the second wire to pin 8 "LINEAR" of DIN-8 connector and mark its end as "KEY-OUT" for ACOM2000A;
- Connect screening shield to pin 3 "GND"of DIN-8 connector ;
- Install two RCA phono-type jacks to the "KEY-IN" and "KEY-OUT" ends of the cable.

N O T E
======= When you insert the DIN-8 connector to the BAND DATA of FT990, transmission of the transceiver will be disabled unless you connect also "KEY-IN" and "KEY-OUT" to the amplifier. Even when amplifier is OFF or STBY, this connection will enable barefoot transmitting without cable reconnection. When however you disconnect "KEY-IN" and/or "KEY-OUT" from amplifier's rear panel for any reason, just disconnect also DIN-8 from FT990 "BAND DATA" to enable XCVR transmitting.

Since you are interested in technical details, here is more information about these signals:

1. The antenna relay T/R control input of the amplifier is called "KEY-IN". Its socket on the rear panel is phono type (RCA). When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or better a semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground). The electrical specifications for the transceiver's output are: switching voltage (open circuit) minimum 12V, positive to ground; switching current (closed circuit) minimum 12mA; voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

2. The KEY-OUT socket on the rear panel is phono type (RCA) too. This is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability of the amplifier. This output is usable when the transceiver has the respective input to disable transmitting when needed.

Since FT990 has a suitable input (called LINEAR - pin 8 on BAND DATA) which disables transmission, we recommend that you connect it with a shielded cable to the KEY-OUT socket of the amplifier.

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit, this line is held to ground. When transmitting is not permissible, the output is open (for instance when the antenna relay is in process of switch-over or while the band switch is being rotated). The electrical specifications of the amplifier's output capability are: switching voltage (open circuit) up to +50V; switching current (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered, and also in STANDBY mode, this output is directly connected to the KEY-IN socket. This way, the amplifier will return the "ground on transmit" back to the transceiver's transmit-enable input, thus enabling barefoot transmission without any cable reconnection.

In OPERATE mode the KEY-OUT signal will follow the incoming on the KEY-IN socket "ground on transmit" always when the antenna relay and/or band switch are in safe position and will reject transmitting if any risk condition is detected. Nevertheless, the amplifier uses an internal self-protection which keeps track on the safe QSK T/R swhitching even when the KEY-OUT is not used.

73's, Krassy K1LZ , Vasco LZ1JK ACOM International , Inc.
4 November 2000.

333. Re: Anyone using ACOM 2000A an Omni-VI ?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-13 21:20:33 UTC
From: paulc@mediaone.net
Topic: 317 Message: 333

Bill,

Did you reconcile this problem?

-Paul, W9AC

--- In acom-list@egroups.com, k5yg@a... wrote:
> Is there anyone out there using the ACOM 2000A with an Omni-VI Plus?
>
> My 2000A will not let the Omni come out of transmit, when using the
ACOM Key
> In and Key Out lines.
>
> The ACOM Key Out line stays low and keeps the Omni-VI transmitting
AFTER the
> Omni Key Out line goes high (when the Omni is switched back to
receive). This
> keeps the Omni transmitting. Transmission can be stopped by taking
the 2000A
> back to STB (standby).
>
> Key In and Key Out voltage readings using a break-out box:
>
> Omni Key-Out line to ACOM with Omni NOT Keyed = 10.12V
> (ACOM Key-In line) Keyed = 83mv
>
> ACOM Key-Out lint to Omni with Omni NOT Keyed = 9.03
> (Omni Key-En line) Keyed = 1.83V
>
> Once the ACOM starts transmitting, the ACOM Key-Out line stays LOW
(1.83V)
> and the Omni keeps transmitting until I pull the ACOM Key-Out
connector.
>
> If I remove the RF Input from the ACOM RF input connector, and
connect the
> Omni to a dummy load, the Omni goes in and out of transmit OK.
>
> It does not matter what drive level I use, the problem exists when
driving
> the ACOM with 1 watt or 50 watts.
>
> I am discussing the problem with Paul at Ten-Tec. He suggested I
try a couple
> diodes in series with the ACOM KEY-OUT line - made no difference --
>

> There are some strange things going on: The problem does not
occur with all
> of the Omni-VI modes of operation! The problem occurs all the time
when
> switching the Omni to TUNE, while the Omni is in CW or FSK modes.
It does not
> occur when going into TUNE from USB, LSB or FM. Paul is looking
into this
> aspect of the problem.
>
> Any ideas or suggestions???
>
>
> 73 de Bill, K5YG

334. heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 03:13:29 UTC
From: ted demopoulos
Topic: 334 Message: 334

My heater light keeps coming on. On and off, never on for more than a few seconds, but very regularly. Doesn't seem to matter if I'm transmitting alot, or not at all. The manual (unless I missed it) doesn't say anytHing.

73
Ted, KR1G

_____
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335. Re: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 12:15:59 UTC
From: Bob Naumann - N5NJ
Topic: 334 Message: 335

Check your line voltage.

You can use the built-in metering ability of your amplifier to do so.
You need to monitor "Mains".

I see this when my line voltage is a little low. The light indicates
that your getting close to going out of tolerance. I believe that the
amp will shut off if it goes too far.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "ted demopoulos" <kr1g@...>
To: <acom-list@egroups.com>
Sent: Tuesday, November 14, 2000 03:13
Subject: [acom-list] heater light

> My heater light keeps coming on. On and off, never on for more than
a few
> seconds, but very regularly. Doesn't seem to matter if I'm
transmitting
> alot, or not at all. The manual (unless I missed it) doesn't say
anytHing.
>
> 73
> Ted, KR1G
>

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>

336. Re: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 12:21:56 UTC
From: ted demopoulos
Topic: 334 Message: 336

Bob,

Thanks - makes much sense particularly as my other amp was putting out low juice during CQWW SSB, and haven't had time to investigate.

Now I wonder what would make the line voltage low, when its been fine since I had the 220 lines installed?

73
Ted, KR1G

>From: "Bob Naumann - N5NJ" <n5nj@...>
>Reply-To: acom-list@egroups.com
>To: <acom-list@egroups.com>
>Subject: Re: [acom-list] heater light
>Date: Tue, 14 Nov 2000 12:15:59 -0000
>
>Check your line voltage.
>
>You can use the built-in metering ability of your amplifier to do so.
>You need to monitor "Mains".
>
>I see this when my line voltage is a little low. The light indicates
>that your getting close to going out of tolerance. I believe that the
>amp will shut off if it goes too far.
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>Robert E. Naumann
>N5NJ / V26O
>N5NJ@...
>www.qsl.net/n5nj
>Plano, TX USA
>ex KR2J, V26RN, W6V, WA2OVE
>----- Original Message -----
>From: "ted demopoulos" <kr1g@...>
>To: <acom-list@egroups.com>
>Sent: Tuesday, November 14, 2000 03:13
>Subject: [acom-list] heater light
>
>
> > My heater light keeps coming on. On and off, never on for more than
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> > seconds, but very regularly. Doesn't seem to matter if I'm
>transmitting
> > alot, or not at all. The manual (unless I missed it) doesn't say
>anytHing.
> >

> > 73
> > Ted, KR1G
> >
>_____
>___
> > Get Your Private, Free E-mail from MSN Hotmail at
>http://www.hotmail.com.
> >
> > Share information about yourself, create your own public profile at
> > http://profiles.msn.com.
> >
> >
> > ------------------------- eGroups
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> > http://click.egroups.com/1/9699/2/_/17002/_/974203508/
> > ---
>-_->
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
> >
>

Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.

337. Re: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 12:32:51 UTC
From: Bob Naumann - N5NJ
Topic: 334 Message: 337

Well,

That depends. See what it is first. Then an investigation may be necessary.

Your power company is permitted to supply you with 240V +/- 10%. So, you may see from 216 to 244 and everything is OK. If it consistently stays low, you may want to adjust the setting in the Acom 2000 to match what you've got.

If the voltage varies a lot, there may be a problem somewhere and you might want to contact your power company or an electrician to have a look at it.

Power companies do vary their output voltage somewhat depending on anticipated load. As few people are using Air Conditioning in your area this time of year, they may drop it back a little. Here in Texas, people go immediately from Air Conditioning to Heating and a lot of it is electric heat so the load is pretty constant here as is my line voltage is 241V right now. This is what I usually see.

73,
Bob N5NJ

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "ted demopoulos" <kr1g@...>
To: <acom-list@egroups.com>
Sent: Tuesday, November 14, 2000 12:21
Subject: Re: [acom-list] heater light

> Bob,
>
> Thanks - makes much sense particularly as my other amp was putting out low
> juice during CQWW SSB, and haven't had time to investigate.
>
> Now I wonder what would make the line voltage low, when its been fine since
> I had the 220 lines installed?
>
> 73

> Ted, KR1G
>
>
> >From: "Bob Naumann - N5NJ" <n5nj@...>
> >Reply-To: acom-list@egroups.com
> >To: <acom-list@egroups.com>
> >Subject: Re: [acom-list] heater light
> >Date: Tue, 14 Nov 2000 12:15:59 -0000
> >
> >Check your line voltage.
> >
> >You can use the built-in metering ability of your amplifier to do
so.
> >You need to monitor "Mains".
> >
> >I see this when my line voltage is a little low. The light
indicates
> >that your getting close to going out of tolerance. I believe that
the
> >amp will shut off if it goes too far.
> >
> >Robert E. Naumann
> >N5NJ / V26O
> >N5NJ@...
> >www.qsl.net/n5nj
> >Plano, TX USA
> >ex KR2J, V26RN, W6V, WA2OVE
> >----- Original Message -----
> >From: "ted demopoulos" <kr1g@...>
> >To: <acom-list@egroups.com>
> >Sent: Tuesday, November 14, 2000 03:13
> >Subject: [acom-list] heater light
> >
> >
> > > My heater light keeps coming on. On and off, never on for more
than
> >a few
> > > > seconds, but very regularly. Doesn't seem to matter if I'm
> >transmitting
> > > > alot, or not at all. The manual (unless I missed it) doesn't say
> >anytHing.
> > >
> > > > 73
> > > > Ted, KR1G
> > >
>
>_____
_
> >___
> > > Get Your Private, Free E-mail from MSN Hotmail at

> >http://www.hotmail.com.
> > >
> > > Share information about yourself, create your own public profile
at
> > > http://profiles.msn.com.
> > >
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> >
> ---
> >-_->
> > >
> > > To unsubscribe, send an empty message to:
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> > > acom-list-unsubscribe@egroups.com
> > >
> >
>
>

> Get Your Private, Free E-mail from MSN Hotmail at
http://www.hotmail.com.
>
> Share information about yourself, create your own public profile at
> http://profiles.msn.com.
>
>
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Sponsor ----------~-~>
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> http://click.egroups.com/1/9698/2/_/17002/_/974204517/
> ---
-_->
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

338. AW: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 13:22:47 UTC
From: Herrmann, Thomas
Topic: 338 Message: 338

thanks for information at all ... I participate in;

I wonder what is normal/acceptable:
- no heater light at all or
- several (2 ... 3) times per minute ?

any suggestions around ?

73 & DX. Thomas, DL1AMQ

Thomas Herrmann
Jenoptik Laser.Optik.Systeme GmbH
Geschäftsbereich Optik / Entwicklungslabor
Tel.: (03641) 65 3089
Fax: (03641) 65 3842
e-mail: Thomas.Herrmann@...

> >From: "Bob Naumann - N5NJ" <n5nj@...>
> >Reply-To: acom-list@egroups.com
> >To: <acom-list@egroups.com>
> >Subject: Re: [acom-list] heater light
> >Date: Tue, 14 Nov 2000 12:15:59 -0000
> >
> >Check your line voltage.
> >
> >You can use the built-in metering ability of your amplifier to do
so.
> >You need to monitor "Mains".
> >
> >I see this when my line voltage is a little low. The light
indicates
> >that your getting close to going out of tolerance. I believe that
the
> >amp will shut off if it goes too far.
> >
> >Robert E. Naumann
> >N5NJ / V26O
> >N5NJ@...
> >www.qsl.net/n5nj
> >Plano, TX USA
> >ex KR2J, V26RN, W6V, WA2OVE

339. Re: AW: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 14:54:57 UTC
From: Barry Kutner
Topic: 338 Message: 339

I have never had the heater light come on. My line voltage is very
constant at 248-250 V. Remember that there are several taps on
the transformer, for adjusting to your line voltage. Also, there is a
menu setting on the RCU for fine adjustment (high/low within the
xfmr tap range), which I believe makes some bias adjestments in
the amp.

73 Barry W2UP

On 14 Nov 00, at 14:22, Herrmann, Thomas wrote:

> thanks for information at all ... I participate in;
>
> I wonder what is normal/acceptable:
> - no heater light at all or
> - several (2 ... 3) times per minute ?
>
> any suggestions around ?
>
> 73 & DX. Thomas, DL1AMQ
>
> Thomas Herrmann
> Jenoptik Laser.Optik.Systeme GmbH
> Geschäftsbereich Optik / Entwicklungslabor
> Tel.: (03641) 65 3089
> Fax: (03641) 65 3842
> e-mail: Thomas.Herrmann@jenoptik.com
>
>
> > >From: "Bob Naumann - N5NJ" <n5nj@...>
> > >Reply-To: acom-list@egroups.com
> > >To: <acom-list@egroups.com>
> > >Subject: Re: [acom-list] heater light
> > >Date: Tue, 14 Nov 2000 12:15:59 -0000
> > >
> > >Check your line voltage.
> > >
> > >You can use the built-in metering ability of your amplifier to do
> so.
> > >You need to monitor "Mains".
> > >
> > >I see this when my line voltage is a little low. The light
> indicates
> > >that your getting close to going out of tolerance. I believe that
> the
> > >amp will shut off if it goes too far.

> > >
> > >Robert E. Naumann
> > >N5NJ / V26O
> > >N5NJ@...
> > >www.qsl.net/n5nj
> > >Plano, TX USA
> > >ex KR2J, V26RN, W6V, WA2OVE
>
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> it's Free! http://click.egroups.com/1/9699/2/_/17002/_/974208413/
> ---_
> ->
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

--
Barry Kutner, W2UP Internet: w2up@mindspring.com
Newtown, PA FRC alternate: barry@...

340. SV: [acom-list] heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-14 20:50:50 UTC
From: Rune Wande
Topic: 340 Message: 340

Hi!
I have my amp wired for 240 V. My mains is seldom over 220 V
and somtimes as low as 210 V. My heater light comes on and
goes off quite often. I've been using the amp for almost two
years and works fine. Haven't worried much about this.
73 de Rune SM5COP

-----Ursprungligt meddelande-----
Från: ted demopoulos <kr1g@...>
Till: acom-list@egroups.com <acom-list@egroups.com>
Datum: den 14 november 2000 13:05
Ämne: [acom-list] heater light

>My heater light keeps coming on. On and off, never on for more than a few
>seconds, but very regularly. Doesn't seem to matter if I'm transmitting
>alot, or not at all. The manual (unless I missed it) doesn't say anytHing.
>
>73
>Ted, KR1G
>____
>Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.
>
>Share information about yourself, create your own public profile at
>http://profiles.msn.com.
>
>
>
>To unsubscribe, send an empty message to:
>
>acom-list-unsubscribe@egroups.com
>
>

341. Re: [acom-list] Re: Anyone using ACOM 2000A an Omni-VI ?

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-15 00:09:38 UTC
From: ragnar otterstad
Topic: 317 Message: 341

Did you reconcile this problem?
>
> -Paul, W9AC
>
> > > My 2000A will not let the Omni come out of
> transmit, when using the
> ACOM Key
> > In and Key Out lines.

I had a similar problem, which was solved with
ferrites on the cable at both ends.

73 Rag LA5HE OZ8RO

_____
Do You Yahoo!?
Del dine bilder med andre p? http://no.photos.yahoo.com

342. Heater light/now protect circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-15 03:34:14 UTC
From: Bob Willis
Topic: 342 Message: 342

Hey Gang,

I reported a heater light intermittently flashing a couple of months ago, and now the problem seems to have escalated. Now the amp goes into protect about 3 sec after turning it on and it gives me the message "HEATER VOLTAGE TOO LOW : 0.00V " I measured the mains voltage @ 238v and drops to 237.5v when I turn the power on, but of course it stays on only abt 3 ~ 5 sec b-4 tripping the protect circuit. With contest season upon us, I hope it's not serious.
Any ideas would be appreciated.
Best 73

Bob ~ WJ1Z

There are two kinds of people, those who finish what they start... and so on...

[Non-text portions of this message have been removed]

343. AW: [acom-list] Heater light/now protect circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-15 07:26:51 UTC
From: Herrmann, Thomas
Topic: 343 Message: 343

I've some more experiences now.
Using a controlled main (output is 16A, variable abt. 180V ... 270V) I regulated onto 240V, measured by RCU-Menu "Measure / Main) and since that there is no flashing HEATER-light. Before the voltage was abt. 220V (as we used for a long time) light flashed abt. 10times per minute.

The time offset of about 3 ~ 5 sec You mentioned, seems to be the time between two measurements of HEATER-voltage. I assume Your main voltage breaks down for a moment (while switching on) and excites the self protecting circuits.

enjoy Your amp.
Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: Bob Willis [mailto:n1mez@...]
Gesendet: Mittwoch, 15. November 2000 04:34
An: Acom (mailing List)
Betreff: [acom-list] Heater light/now protect circuit

Hey Gang,

I reported a heater light intermittently flashing a couple of months ago, and now the problem seems to have escalated. Now the amp goes into protect about 3 sec after turning it on and it gives me the message "HEATER VOLTAGE TOO LOW : 0.00V " I measured the mains voltage @ 238v and drops to 237.5v when I turn the power on, but of course it stays on only abt 3 ~ 5 sec b-4 tripping the protect circuit. With contest season upon us, I hope it's not serious.
Any ideas would be appreciated.
Best 73

Bob ~ WJ1Z

There are two kinds of people, those who finish what they start... and so on...

[Non-text portions of this message have been removed]

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

344. Re: [acom-list] Heater light/now protect circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-15 11:13:33 UTC
From: Bob Naumann - N5NJ
Topic: 342 Message: 344

This sounds like the "molex connector" problem.

What you need to do is:

Disconnect power from your amplifier and wait 15 minutes or so.

Remove the cover using a #2 Phillips screwdriver on all of those
little screws.

Near the back of the unit, there is a white plastic Molex connector.
The individual pins of this connector move a bit and can become
disconnected from the mating portion on the opposite side of the
connector. Using two pairs of needle-nose pliers, and push each
opposing pair of wires towards each other while the plastic connector
is mated. This will assure that each individual connector contact is
in full overlap and this problem should go away.

I had it on mine initially and have not seen it after performing the
above procedure.

I heard that there might be an updated connector, but in my case I
don't think it's necessary to replace it.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Bob Willis" <n1mez@...>
To: "Acom (mailing List)" <acom-list@egroups.com>
Sent: Wednesday, November 15, 2000 03:34
Subject: [acom-list] Heater light/now protect circuit

> Hey Gang,
>
> I reported a heater light intermittently flashing a couple of months
ago, and now the problem seems to have escalated. Now the amp goes
into protect about 3 sec after turning it on and it gives me the
message "HEATER VOLTAGE TOO LOW : 0.00V " I measured the mains
voltage @ 238v and drops to 237.5v when I turn the power on, but of
course it stays on only abt 3 ~ 5 sec b-4 tripping the protect
circuit. With contest season upon us, I hope it's not serious.
> Any ideas would be appreciated.
> Best 73
>

> Bob ~ WJ1Z
>
> There are two kinds of people, those who finish what they start...
and so on...
>
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------- eGroups
Sponsor ---------------------------~-~>
> eGroups eLerts
> It's Easy. It's Fun. Best of All, it's Free!
> http://click.egroups.com/1/9698/2/_/17002/_/974259250/
> ---
-_->
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

345. Re: [acom-list] Heater light/now protect circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-15 12:30:50 UTC
From: Richard Thorne
Topic: 342 Message: 345

Bob:

I had this very problem. Turned out to be a bad connector on the low voltage power supply board that feeds the tube filaments. I spoke with Krassy and he suggested sending it back which I did. He had if fixed promptly and sent it back. Hated to send it back, but the service was very good. That was several months ago and have not had a problem since.

You may be able to get it fixed at your place with a some guidance from Krassy.

GL.

Bob Willis wrote:

> Hey Gang,
>
> I reported a heater light intermittently flashing a couple of months ago, and now the problem seems to have escalated. Now the amp goes into protect about 3 sec after turning it on and it gives me the message "HEATER VOLTAGE TOO LOW : 0.00V " I measured the mains voltage @ 238v and drops to 237.5v when I turn the power on, but of course it stays on only abt 3 ~ 5 sec b-4 tripping the protect circuit. With contest season upon us, I hope it's not serious.
> Any ideas would be appreciated.
> Best 73
>
> Bob ~ WJ1Z
>
> There are two kinds of people, those who finish what they start... and so on...
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

346. Heater control light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-17 07:39:14 UTC
From: dl2fdp
Topic: 346 Message: 346

Hi To all,

I just got my new Acom 2000 A, including all availb.options. I left the Mains at 240 V (Factory default) . The Mains is 227 v - 228V . Probably I should change the mains to 220V. There is two different positions for 220V (see draw technical supplement) . Unfortunately one can not see the major differences.
Couls anyone give an aswer?

Thank in advance 73
de Tommy DL2FDP

[Non-text portions of this message have been removed]

347. Fw: [acom-list] Heater control light

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-18 22:36:37 UTC
From: dl2fdp
Topic: 347 Message: 347

----- Original Message -----
From: dl2fdp <dl2fdp@...>
To: <acom-list@egroups.com>
Sent: Friday, November 17, 2000 8:39 AM
Subject: [acom-list] Heater control light

> Hi To all,
>
> I just got my new Acom 2000 A, including all availb.options. I left the Mains at 240 V (Factory default) . The Mains is 227 v - 228V . Probably I should change the mains to 220V. There is two different positions for 220V see draw technical supplement) . Unfortunately one can not see the major differences.
> Couls anyone give an aswer?
>
> Thank in advance 73
> de Tommy DL2FDP
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
>
>

348. CQWW

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-27 04:27:00 UTC
From: Larry Crim
Topic: 348 Message: 348

I could not help but to think of my amp when I worked LZ2000A during the CQWW CW contest.

After all, It was the only time during the contest that I even thought about it.

Was that callsign a coincidence, or a subtle "advertisement"? ;)

73,
Larry K4AB

349. Re: [acom-list] CQWW

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-27 03:32:46 UTC
From: Valeri Stefanov
Topic: 348 Message: 349

It's a coincidence Larry.
This is a special call for Millenium used by LZ1KDP.

73's Wally LZ2CJ

350. FWD: [acom-list] CQWW

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-27 15:05:41 UTC
From: Jim Idelson
Topic: 350 Message: 350

Hey, Larry . . . you were loud! [You must have been ignoring the rule that says W1 is always supposed to beat W4 into EU]. Did you jack up your line voltage to get more power out of that A2K, or something?

What a fun weekend!

73,

Jim K1IR

The Information Resource for Conferencing Professionals

James S. Idelson
President
DesigNET International, Inc.
96 Morse Road
Sudbury, Massachusetts USA 01776

email jimi@...
web http://www.designet.com
tel 978.443.5549
fax 978.443.2034

---------- Forwarded Message ----------

FROM: "Larry Crim" <k4ab@...>
TO: <acom-list@egroups.com>
DATE: Sun, 26 Nov 2000 22:27:00 -0600

RE: [acom-list] CQWW

I could not help but to think of my amp when I worked LZ2000A during the CQWW CW contest.

After all, It was the only time during the contest that I even thought about it.

Was that callsign a coincidence, or a subtle "advertisement"? ;)

73,
Larry K4AB

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

351. K8AZ

Yahoo group: acom-list (1999 — 2009)
Date: 2000-11-27 22:18:49 UTC
From: Gerry Hull
Topic: 350 Message: 351

Look at that op list!!!

Call: K8AZ
Operator(s): K8AZ, K8MR, K8NZ, N8TR, W8CAR, W8GN, W8KIC, WT8C
Station: K8AZ

Class: M/S HP
QTH: Chesterland, OH
Operating Time (hrs): 48

Summary:

Band	QSOs	Zones	Countries
160:	38	14	36
80:	101	23	81
40:	869	32	119
20:	1137	38	146
15:	872	36	136
10:	1153	34	139
Total:	4170	177	657 = 10,075,000

352. Amp failure help needed

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-03 05:56:12 UTC
From: alsopb@gloryroad.net
Topic: 352 Message: 352

It's 2AM Saturday night of the 160M contest...

Perhaps somebody can provide some help to get amp going before I talk to Krassy on Monday.

Amp experience a number of bias voltage too low trips while in operate mode. Amp now has 414 hours on it.

They all reset fine except the last one. It would not reset and RCU froze.

Turned amp off. Waited. Tried restart.

It goes through the start sequence fine. When it reaches the end a servo motor wirrs and doesn't stop. It just continues.

I opened up amp and reseated all the connectors. No help.

Tried the full off/restart sequence several times. No luck.

de Brian/K3KO

353. Amp failure help needed II

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-03 13:51:26 UTC
From: alsopb
Topic: 353 Message: 353

Was able to get the amp stop the continuous servo activation by the DEF menu which reset the tunings to default.-- apparently some wacko data got into the USR defined settings via the fault.

I now have a solid error on transmit (no drive): "IP=1020 ma should be zero." This kicks the amp off.

In the standby measure menu, the screen voltage is 6 volts. It normally was 340 volts. Plate voltage =2.75Kv and grid bias voltage =-123 volts are a pre-failure values. Everything else I can measure in standby with the RCU are pre-failure. Don't know operate values, but I assume that the grid bias changed to permit current flow. The screen voltage is noramlly the same in op/standby.

Looksl like something died in the screen voltage circuit. There appears to be some kind of TIP VR/IC or switching transistor (IRF830?) connected across the PC board at the +430 volt three hole area where a connector might have been placed. It's mounted on the front panel.

Could someone take a look at theirs to see if there is something unusual about the connections? Voltage measurements at this point would help.

Any suggestions?

73 de Brian/K3KO

alsopb@... wrote:
>
> It's 2AM Saturday night of the 160M contest...
>
> Perhaps somebody can provide some help to get amp going before I talk
> to Krassy on Monday.
>
> Amp experience a number of bias voltage too low trips while in operate
> mode. Amp now has 414 hours on it.
>
> They all reset fine except the last one. It would not reset and RCU
> froze.
>
> Turned amp off. Waited. Tried restart.
>
> It goes through the start sequence fine. When it reaches the end a
> servo motor wirrs and doesn't stop. It just continues.
>
> I opened up amp and reseated all the connectors. No help.
>

> Tried the full off/restart sequence several times. No luck.
>
> de Brian/K3KO
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

354. Fw: [1000mp] Any comments on Acom 2000 with 1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-08 02:31:33 UTC
From: Larry Crim
Topic: 354 Message: 354

-----Original Message-----
From: Larry Crim <k4ab@...>
To: 1000mp@... <1000mp@...>
Date: Thursday, December 07, 2000 20:28
Subject: Re: [1000mp] Any comments on Acom 2000 with 1000MP

>>Does anyone have any opinions on the Acom 2000 with the 1000MP?
>>Ed-W2UV
>
>YES!
>
>A GREAT combination! I have used the Acom/MP combo for about 18 months
>now...not just casual rag-chewing, but 48 hour, non-stop CQ'ing contesting.
>
>They work perfectly together.
>
>The Acom 2000A is best piece of amateur equipment I have ever bought in my
>27 years in the hobby. Bar none.
>
>73, Larry K4AB
>
>-----Original Message-----
>From: Gosch, Edward <egosch@...-SPCO.com>
>To: '1000mp@...' <1000mp@...>
>Date: Thursday, December 07, 2000 13:48
>Subject: [1000mp] Any comments on Acom 2000 with 1000MP
>
>
>>Does anyone have any opinions on the Acom 2000 with the 1000MP?
>>Ed-W2UV
>>
>>
>>---
>>Submissions 1000mp@...
>>
>> *****ATTENTION*****
>>This list is presently configured so that when you
>>use your *Reply* function on your email application
>>your message will be sent to the 1000mp list.
>>If you wish to reply privately to the original poster
>>cut & paste or type the original poster's address in
>>the *Send* field of your email application.
>
>

355. Re: [acom-list] Fw: [1000mp] Any comments on Acom 2000 with 1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-08 04:25:13 UTC
From: gig38@aol.com
Topic: 354 Message: 355

I have the MP / ACOM combination. They are fantastic together. I only operate CW but what a great combo. Used the MP/ACOM with a 160M Windom and a 160 Folded Monopole in CQ 160 DX test last Jan. - We placed 7th in the world, not one pause or glitch the entire contest. If I can hear em' I can work em' any band just with the Windom.

QSK is best I have ever used, easy full power out with minimum drive. Silent, cool running and auto tune any frequency 1.8 - 30 Mhz with one dit on the key.

73,
Jack W0UCE
Raleigh, NC

356. RE: [acom-list] Fw: [1000mp] Any comments on Acom 2000 with 1000M P

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-08 13:19:06 UTC
From: Turkisher Dan-CSLC82
Topic: 356 Message: 356

I concur with Larry's comments. Been using them together for about 18 months, and they're both a pleasure! Unless you're doing high speed QSK CW, there's no need for keying lines, you just run coax between the two, and the ACOM does the rest. Change bands, key up and the ACOM is tuned in under a second! WONDERFUL for quick band changes. The ACOM is also very bulletproof in protecting itself from problems. If you overdrive it, have too high a mismatch, low power mains, switch the AMP on while RF is applied, or do other stupid stuff, the amp will shut down in milliseconds and tell you why it did so. Amazing piece of gear.

Good luck & 73,

Dan
K0DAN

> -----Original Message-----
> From: Larry Crim [mailto:k4ab@...]
> Sent: Thursday, December 07, 2000 8:32 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Fw: [1000mp] Any comments on Acom 2000
> with 1000MP
>
>
>
> -----Original Message-----
> From: Larry Crim <k4ab@...>
> To: 1000mp@... <1000mp@...>
> Date: Thursday, December 07, 2000 20:28
> Subject: Re: [1000mp] Any comments on Acom 2000 with 1000MP
>
>
> >>Does anyone have any opinions on the Acom 2000 with the 1000MP?
> >>Ed-W2UV
> >
> >YES!
> >
> >A GREAT combination! I have used the Acom/MP combo for
> about 18 months
> >now...not just casual rag-chewing, but 48 hour, non-stop
> CQ'ing contesting.
> >
> >They work perfectly together.
> >
> >The Acom 2000A is best piece of amateur equipment I have
> ever bought in my
> >27 years in the hobby. Bar none.
> >
> >73, Larry K4AB

> >
> >-----Original Message-----
> >From: Gosch, Edward <egosch@...-SPCO.com>
> >To: '1000mp@...' <1000mp@...>
> >Date: Thursday, December 07, 2000 13:48
> >Subject: [1000mp] Any comments on Acom 2000 with 1000MP
> >
> >
> >>Does anyone have any opinions on the Acom 2000 with the 1000MP?
> >>Ed-W2UV
> >>
> >>
> >>---
> >>Submissions 1000mp@...
> >>
> >> *****ATTENTION*****
> >>This list is presently configured so that when you
> >>use your *Reply* function on your email application
> >>your message will be sent to the 1000mp list.
> >>If you wish to reply privately to the original poster
> >>cut & paste or type the original poster's address in
> >>the *Send* field of your email application.
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>

357. Re: [acom-list] Fw: [1000mp] Any comments on Acom 2000 with 1000M P

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-09 03:34:31 UTC
From: k5yg@aol.com
Topic: 356 Message: 357

In a message dated 12/8/00 7:19:52 AM Central Standard Time,
Dan.Turkisher@... writes:

<< I concur with Larry's comments. Been using them together for about 18
months, and they're both a pleasure! Unless you're doing high speed QSK CW,
there's no need for keying lines, you just run coax between the two, and the
ACOM does the rest. >>

I concur with both Dan and Larry -- I have been using them together for about
6 months. I have run high speed QSK CW with my Mark V and ACOM without keying
lines --- The ACOM has not tripped off yet!

It is another story with my Omni VI Plus - The Omni keying relay is as slow
as a snail! - The relay output cannot be used to key the ACOM. The Omni
Key-Out & Key-En lines must be used --- The Omni Key out /EN lines must be
connnected together and run to the ACOM Key-in line.

The ACOM with Mark V is absolutely wonderful!

73 de Bill, K5YG

358. QSLs

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-10 23:27:49 UTC
From: Barry Kutner
Topic: 358 Message: 358

Just was going thru a recent batch of QSLs that arrived from the bruo. In it was a card from LZ1AF, with a nice picture of the Acom 2000A on the front.
Are these cards available thru Acom?
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

359. Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-12 20:10:08 UTC
From: alsopb
Topic: 359 Message: 359

Guys,

Krassy finished repairing my amp within days of receiving it.

Great turnaround. Now if UPS would cooperate. I got a bit nervous in the shipment to Krassy when the amp sat for 36 hours (according to their tracking info) 50 miles from Krassy's shop. They guaranteed 3 day delivery and were determined to deliver it on the 35.996th hour I guess.

Problem was unusual - tube grid to cathode short. Difficult to diagnose
cold. Protection system prevented failure of any other component. (Unlike some other amps I have had ....)

Previous postings describe the symptoms.

Brian/K3KO

360. RE: [acom-list] Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-12 21:04:01 UTC
From: Brian Smithson
Topic: 359 Message: 360

I'm expecting my amp tomorrow or the next day (Thanks Krassy!) and
I'm curious what percentage of amplifiers develop this problem. I'm
guessing and hoping it is very small! Krassy is being very proactive
and has asked me to call him just before the smoke test to ensure
all is connected properly. I'm happy to do that but I wonder if that
would have prevented Brian's problem?

73!
-Brian n8wrl
Soon to be loud!

> -----Original Message-----
> From: alsopb [mailto:alsopb@...]
> Sent: Tuesday, December 12, 2000 3:10 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Tnx Krassy
>
>
> Guys,
>
> Krassy finished repairing my amp within days of receiving it.
>
> Great turnaround. Now if UPS would cooperate. I got a bit nervous in
> the shipment to Krassy when the amp sat for 36 hours (according to
> their tracking info) 50 miles from Krassy's shop. They guaranteed 3
> day delivery and were determined to deliver it on the 35.996th hour I
> guess.
>
> Problem was unusual - tube grid to cathode short. Difficult to
> diagnose
> cold. Protection system prevented failure of any other component.
> (Unlike some other amps I have had ....)
>
> Previous postings describe the symptoms.
>
> Brian/K3KO
>
>
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>

361. Re: [acom-list] Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-12 21:08:00 UTC
From: alsopb
Topic: 359 Message: 361

According to Krassy, this was the first one! They never had
experienced such a failure before. The tubes apparently have a good
reputation.

73 de Brian/K3KO

Brian Smithson wrote:
>
> I'm expecting my amp tomorrow or the next day (Thanks Krassy!) and
> I'm curious what percentage of amplifiers develop this problem. I'm
> guessing and hoping it is very small! Krassy is being very proactive
> and has asked me to call him just before the smoke test to ensure
> all is connected properly. I'm happy to do that but I wonder if that
> would have prevented Brian's problem?
>
> 73!
> -Brian n8wrl
> Soon to be loud!
>
> > -----Original Message-----
> > From: alsopb [mailto:alsopb@...]
> > Sent: Tuesday, December 12, 2000 3:10 PM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Tnx Krassy
> >
> >
> > Guys,
> >
> > Krassy finished repairing my amp within days of receiving it.
> >
> > Great turnaround. Now if UPS would cooperate. I got a bit nervous in
> > the shipment to Krassy when the amp sat for 36 hours (according to
> > their tracking info) 50 miles from Krassy's shop. They guaranteed 3
> > day delivery and were determined to deliver it on the 35.996th hour I
> > guess.
> >
> > Problem was unusual - tube grid to cathode short. Difficult to
> > diagnose
> > cold. Protection system prevented failure of any other component.
> > (Unlike some other amps I have had ....)
> >
> > Previous postings describe the symptoms.
> >
> > Brian/K3KO
> >

> >
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> > acom-list-unsubscribe@egroups.com
> >
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

362. Re: [acom-list] Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-12 22:26:34 UTC
From: Bob Naumann - N5NJ
Topic: 359 Message: 362

Just to clarify for you Brian, this was a tube failure - not the amplifier. As K3KO commented, the amp would not let the tube damage the amp any further. Amazing.

Also, for everyone else, if you haven't looked into it, these tubes are fairly inexpensive at less than $200 a matched set. Not a bad investment.

73,
Bob N5NJ

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Brian Smithson" <bsmithson@...>
To: <acom-list@egroups.com>
Sent: Tuesday, December 12, 2000 21:04
Subject: RE: [acom-list] Tnx Krassy

> I'm expecting my amp tomorrow or the next day (Thanks Krassy!) and
> I'm curious what percentage of amplifiers develop this problem. I'm
> guessing and hoping it is very small! Krassy is being very proactive
> and has asked me to call him just before the smoke test to ensure
> all is connected properly. I'm happy to do that but I wonder if that
> would have prevented Brian's problem?
>
> 73!
> -Brian n8wrl
> Soon to be loud!
>
> > -----Original Message-----
> > From: alsopb [mailto:alsopb@...]
> > Sent: Tuesday, December 12, 2000 3:10 PM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Tnx Krassy
> >
> >
> > Guys,
> >
> > Krassy finished repairing my amp within days of receiving it.
> >
> > Great turnaround. Now if UPS would cooperate. I got a bit

nervous in
> > the shipment to Krassy when the amp sat for 36 hours (according to
> > their tracking info) 50 miles from Krassy's shop. They guaranteed
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hour I
> > guess.
> >
> > Problem was unusual - tube grid to cathode short. Difficult to
> > diagnose
> > cold. Protection system prevented failure of any other component.
> > (Unlike some other amps I have had ....)
> >
> > Previous postings describe the symptoms.
> >
> > Brian/K3KO
> >
> >
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-_->
>
> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@egroups.com
>

363. RE: [acom-list] Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-13 13:44:20 UTC
From: Brian Smithson
Topic: 359 Message: 363

Ah, thanks Bob! Should have known.

Where did you find the spare tubes? Can we buy them from
ACOM?

-Brian

> -----Original Message-----
> From: Bob Naumann - N5NJ [mailto:n5nj@...]
> Sent: Tuesday, December 12, 2000 5:27 PM
> To: acom-list@egroups.com
> Subject: Re: [acom-list] Tnx Krassy
>
>
> Just to clarify for you Brian, this was a tube failure - not the
> amplifier. As K3KO commented, the amp would not let the tube damage
> the amp any further. Amazing.
>
> Also, for everyone else, if you haven't looked into it, these tubes
> are fairly inexpensive at less than $200 a matched set. Not a bad
> investment.
>
> 73,
> Bob N5NJ
>
> Robert E. Naumann
> N5NJ / V26O
> N5NJ@...
> www.qsl.net/n5nj
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: "Brian Smithson" <bsmithson@...>
> To: <acom-list@egroups.com>
> Sent: Tuesday, December 12, 2000 21:04
> Subject: RE: [acom-list] Tnx Krassy
>
>
> > I'm expecting my amp tomorrow or the next day (Thanks Krassy!) and
> > I'm curious what percentage of amplifiers develop this problem. I'm
> > guessing and hoping it is very small! Krassy is being very proactive
> > and has asked me to call him just before the smoke test to ensure
> > all is connected properly. I'm happy to do that but I wonder if that
> > would have prevented Brian's problem?
> >
> > 73!

> > -Brian n8wrl
> > Soon to be loud!
> >
> > > -----Original Message-----
> > > From: alsopb [mailto:alsopb@...]
> > > Sent: Tuesday, December 12, 2000 3:10 PM
> > > To: acom-list@egroups.com
> > > Subject: [acom-list] Tnx Krassy
> > >
> > >
> > > Guys,
> > >
> > > Krassy finished repairing my amp within days of receiving it.
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> > > Great turnaround. Now if UPS would cooperate. I got a bit
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> > > Problem was unusual - tube grid to cathode short. Difficult to
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> > > (Unlike some other amps I have had ....)
> > >
> > > Previous postings describe the symptoms.
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> > > Brian/K3KO
> > >
> > >
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>
> To unsubscribe, send an empty message to:
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>

364. Re: [acom-list] Tnx Krassy

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-13 13:41:42 UTC
From: Bob Naumann - N5NJ
Topic: 359 Message: 364

There are several sources for the tubes.

I bought mine from "Tom's Tubes" in Florida.

http://msnhomepages.talkcity.com/ClassifiedsCt/tomstubes/

He lists them at $190 a pair plus shipping.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Brian Smithson" <bsmithson@...>
To: <acom-list@egroups.com>
Sent: Wednesday, December 13, 2000 13:44
Subject: RE: [acom-list] Tnx Krassy

> Ah, thanks Bob! Should have known.
>
> Where did you find the spare tubes? Can we buy them from
> ACOM?
>
> -Brian
>
> > -----Original Message-----
> > From: Bob Naumann - N5NJ [mailto:n5nj@...]
> > Sent: Tuesday, December 12, 2000 5:27 PM
> > To: acom-list@egroups.com
> > Subject: Re: [acom-list] Tnx Krassy
> >
> >
> > Just to clarify for you Brian, this was a tube failure - not the
> > amplifier. As K3KO commented, the amp would not let the tube
damage
> > the amp any further. Amazing.
> >
> > Also, for everyone else, if you haven't looked into it, these
tubes
> > are fairly inexpensive at less than $200 a matched set. Not a bad
> > investment.
> >
> > 73,
> > Bob N5NJ

> >
> > Robert E. Naumann
> > N5NJ / V26O
> > N5NJ@...
> > www.qsl.net/n5nj
> > Plano, TX USA
> > ex KR2J, V26RN, W6V, WA2OVE
> > ----- Original Message -----
> > From: "Brian Smithson" <bsmithson@...>
> > To: <acom-list@egroups.com>
> > Sent: Tuesday, December 12, 2000 21:04
> > Subject: RE: [acom-list] Tnx Krassy
> > >
> > >
> > > > I'm expecting my amp tomorrow or the next day (Thanks Krassy!)
and
> > > > I'm curious what percentage of amplifiers develop this problem.
I'm
> > > > guessing and hoping it is very small! Krassy is being very
proactive
> > > > and has asked me to call him just before the smoke test to
ensure
> > > > all is connected properly. I'm happy to do that but I wonder if
that
> > > > would have prevented Brian's problem?
> > > >
> > > > 73!
> > > > -Brian n8wrl
> > > > Soon to be loud!
> > > >
> > > > > -----Original Message-----
> > > > > From: alsopb [mailto:alsopb@...]
> > > > > Sent: Tuesday, December 12, 2000 3:10 PM
> > > > > To: acom-list@egroups.com
> > > > > Subject: [acom-list] Tnx Krassy
> > > > >
> > > > >
> > > > > Guys,
> > > > >
> > > > > Krassy finished repairing my amp within days of receiving it.
> > > > >
> > > > > Great turnaround. Now if UPS would cooperate. I got a bit
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> > > > > the shipment to Krassy when the amp sat for 36 hours
(according to
> > > > > their tracking info) 50 miles from Krassy's shop. They
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> > 3
> > > > > day delivery and were determined to deliver it on the 35.996th
> > hour I

> > > > guess.
> > > >
> > > > Problem was unusual - tube grid to cathode short. Difficult
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> > > > (Unlike some other amps I have had ....)
> > > >
> > > > Previous postings describe the symptoms.
> > > >
> > > > Brian/K3KO
> > > >
> > > >
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>
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>

365. ACOM-ACOM2S1

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-18 03:06:16 UTC
From: aa1nd@aol.com
Topic: 365 Message: 365

For Terry Schieler, W0FM:
Hi Terry,

The ACOM system can be built using any model of amateur transceiver. Only the ACOM2S1 XCVR commutator (two transceivers to a common amplifier) requires a special transmit-disable signal, that is not available on some models.

When FT1000MP is used, the ACOM system utilizes its "TX GND" and "TX INHIBIT" signals, available on BAND DATA connector of the transceiver to control the receive/transmit switching process. These are directly connected to the "KEY-IN" and "KEY-OUT" connectors of the ACOM2000A amplifier (if no ACOM2000S antenna selector nor ACOM2S1 XCVR commutator is present). The corresponding KEY-IN/KEY-OUT signals of each unit, when added to the system later, is "daisy chain" (OUT-IN-OUT-IN ...) connected to the existent cabling in order to form a closed loop.

The proper band-data signals (data A...D, available on the BAND DATA connector of FT1000MP), are not used by the ACOM system. The amplifier utilizes an own frequency meter instead.

The CAT-jack of FT1000MP can be used by a PC via the ACOM DOS software. It is connected to either COM1 or COM2 serial port. The other PC port is connected to the amplifier's serial port (or to the antenna selector if available) in order to form a common system. See II below for details.

The ACOM2000SW remote antenna switch interfaces with the ACOM2000S antenna selector only and is supplied with an own control cable.

I. Here are more details about the KEY-IN and KEY-OUT signals of the ACOM2000A amplifier. The other ACOM units have similar inputs and outputs.

1. The KEY-IN socket on the rear panel is phono type (RCA). This is the transmit/receive control input of the amplifier.

When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This is done via a transistor in FT1000MP - the TX GND signal which goes to ground on transmit. The electrical specifications of the amplifier's input are: switching voltage (open circuit) minimum 12V; switching current (closed circuit) minimum 12mA; voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

2. The KEY-OUT socket is phono type too. This is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability of the amplifier. This output is usable when the transceiver has a respective input

to disable transmitting when needed. If your transceiver has not such an input, don't worry - the amplifier will function normally as well and then the KEY-OUT may remain unused.

Anyway if your transceiver has a suitable input which disables transmission, we recommend that you connect it with a shielded cable to the KEY-OUT socket of the amplifier. In FT1000MP this is the TX-INHIBIT.

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit this line is held to ground, When transmitting is not permissible the output is open (for instance when the antenna relay is in process of switching or the band switch is rotated). The electrical specifications of the amplifier's output are: switching voltage (open circuit) up to +50V; switching current (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered and also in STANDBY mode this output is directly connected to the KEY-IN socket. Then the amplifier will return the "ground on transmit" back to the transceiver's transmit enable input. This however is not true about the antenna selector and 2-XCVR commutator (you cannot use the system if either the antenna selector or the 2-XCVR commutator is not powered.

In OPERATE mode the KEY-OUT signal will follow the incoming on the KEY-IN socket "ground on transmit" always when the antenna relay and/or band switch are in safe position and will reject transmitting if any risk condition is detected.

II. The ACOM software for antenna tuning management is available for DOS. It only distributes the information about frequency segments, bands and antenna numbers between subordinated units, while the proper automatic antenna matching process is done by the amplifier's firmware.

A newer WINDOWS application is on way, that offers control of all operative functions of the amplifier and antenna selector. It is prepared by Gerry Hall/W1VE, but only a beta version is available for now.

The DOS software description follows:

This program will control via PC the ACOM2000A Automatic HF linear amplifier, the Automatic antenna selector ACOM2000S, including the Remote antenna switch ACOM2000SW (option), and FT1000MP, FT990 or FT900 CAT transceivers in an automatically tuning radio system. The availability of a CAT transceiver or automatic antenna switch is not obligatory but is much more comfortable.

Using FT990 or FT1000MP will fully automate not only antenna selection and impedance matching, but also the drive frequency change and drive start/stop during the whole process, while tuning up to 10 antennas per frequency segment.

The program offers the unique (at the present time) possibility to describe your antennas frequency coverage in the PC memory, using several narrow-band segments for 10 different antennas. You can then comment them, tune them automatically, and finally, archive all the information and tunings in a file. You can retrieve this information from the PC at any time later and pass it into amplifier's nonvolatile memory without any on-air emission. Some technical aspects on using the program are listed below.

1. The program is intended to be run in DOS environment. It is not needed any installation procedure. Make a new directory (folder), for example ACOM2000A and copy the Acom.exe and Acom.set files there. These both files are absolutely needed to start the program. The following information concerns the version dated: Acom.exe/1999 June 04 and Acom.set/1999 May 17.

2. Now you can execute the program. Being in DOS input ACOM via the keyboard. The Acom.set file loading must complete for several seconds and you will be asked for the "lastfile.set" - replay "Ignore". After the first and every consecutive start up of the program it will create this file automatically. A blue coloured screen will appear to show the main program menu.

3. The main program menu consists of 6 (blue) lines on top of the screen and a table below them for tuning requests. The top 6 lines are for commands and informations. The coloured "hot keys" are activated by pressing Ctrl+... and they activate the following functions:

NEW - to create a new user file with cleared comments and request table.

CLEAR - to clear the whole request table but not comments and options.

READ - to read an old user *.tun file in the current directory.

LOAD - to write out the motor settings from the currently opened file to the amplifier's nonvolatile memory.

DUMP - to read in the motor settings from the amplifier's nonvolatile memory to the currently opened file (the opposite of LOAD).

AUTO - to select AUTO-TUNE sequence options and to start it. A window in the right-top corner is opened. You can select the combination of table symbols (**, OK or ??) to be tuned in a row or column sequence.

OPTIONS - to fill in the file comment field, antenna comment field, type of the antenna selector and transceiver, communication ports (COM1 and
COM2) assignment, and other options, including the table colours, etc. Follow the menu instructions to select options.

SAVE - to save the current state in a file. The user-created files will have the extension *.tun and an user-chosen name. Certain combinations of antennas and tunings for them can be stored there along with all table
requests, motor settings and dates for them, and all Options (user's comments, selected screen colours, etc).

QUIT - to exit to DOS level. A "Lastfile.set" file is automatically created. It saves the name of the last used user-created file (to be opened at the next program start). If the "Lastfile.set" does not exist, a new "Unnamed.tun" file is created (until you change the name and save it).

TUNE_CURRENT - to tune the current cell only.

POS - to display the motor settings for the current cell.

INFO - to monitor the amplifier's INFO-BOX. After the monitoring you will be asked whether an user-named "Name.box" file to be created or not. This
file will be in a simple text format. It can be read, printed or mailed at any time later. All text programs, even the "type Name.box" DOS command will do to read its contents.

Moving through the table is done via the four arrows, PgUp, PgDn, Home, End, and F1...F9 keys. Cell requests are made in two ways: consecutively via SPACE-BAR and alternatively via Enter or Ins keys. The requested cells are marked with "**". After tuning a "**" cell, the mark becomes "OK" when good or "??" when bad tuning results. The Ins key can be used also to delete an existing mark or to make ** from a ?? or OK mark.

6. PC serial ports COM1 and COM2 are to be used to control the amplifier and the transceiver respectively (can be interchanged via the Options).

C A U T I O N ! Note that FT990 and FT900 are to be controlled from PC via an
============= additional level converter to match the 0/+5V levels in the transceiver to the +/-12V standard levels of the serial PC ports. Failing to put it may result in DAMAGING both: the transceiver and/or the PC.

A simple level converter schematic diagram is available at ACOM Ltd. The cabling for FT990 and FT900 must match the level converter construction.

a) In order to control FT1000MP you have to prepare an interface cable as described below (or you can buy it readily as a "standard" type).

FT1000MP to PC cable:

female CANNON-DB9 female CANNON-DB25 female CANNON-DB9 Signal Name (FT1000MP) (COM2 - PC) (COM1 - PC) (FT - PC)
nr. 2 nr. 3 nr. 2 TxD-RxD
nr. 3 nr. 2 nr. 3 RxD-TxD
nr. 5 nr. 7 nr. 5 Signal Ground
metal case metal case + nr.1 Cable Shield + Chassis Ground

b) A "null-modem" type cable is needed for ACOM 2000A and it may be home-made or you can buy it, but all extra connections must be cut. ONLY(!) the connections listed below should remain connected there because of the +/-18V.

ACOM2000A to PC cable:

female CANNON-DB9 female CANNON-DB9 female CANNON-DB25 Signal Name
(ACOM2000A) (COM1 - PC) (COM2 - PC) (ACOM - PC)
nr. 2 nr. 3 nr. 3 RxD-TxD
nr. 3 nr. 2 nr. 2 TxD-RxD
nr. 5 nr. 5 nr. 7 Signal
Ground
metal case metal case metal case + nr.1 Cable
Shield

NOTE - Do not forget to connect the shield braid on both cable ends!

Please check the appropriate OPERATING MANUAL for additional information on cabling the Automatic antenna selector ACOM2000S, including the Remote antenna switch ACOM2000SW.

7. First connect a common grounding cable between the PC, XCVR and amplifier. Then connect the interface cables and start the equipment. After the warm-up period of the amplifier, start the "acom.exe" program.

8. Position the marker over the cell where you have a good antenna available and try the TUNE_CURRENT command first. The process will take 3-4 seconds.

9. Mark all cells where you have appropriate antennas. Start AUTO command and select "Yes" for the mark "**". The SEQUENCE selection determines whether:
a) COLUMNS: all frequencies will be passed before an antenna change occures;
b) ROWS: all antennas will be passed before a frequency change occures.
Now select START, adjust the drive power and then look how the antennas, transceiver frequencies, amplifier frequencies, and tuning procedure run automatically. You can break the procedure via pressing ESC or wait to its finish.

10. After AUTO ends, run SAVE. You will create an user file "Name.tun" which will archive the current tunings information as it was described above.

III. Only the cable extender for the ACOM2000A amplifier's RCU (10m/30 feet) and an additional external fan are offered as an option. The DOS software is free.

The amplifier is delivered without control cables since different transceivers need different cables.

Appropriate control cables are delivered with the antenna selector and antenna switch.

Only the 2-XCVR commutator completing cables are directly suited for two FT990 or FT1000MP transceivers since the commutator uses their "TX INHIBIT" signals to protect the second RX input, and also against simultaneous transmission. These cables can be adapted for some other models, but not anyone model is suitable to be used.

It's not a problem to order any other cable set as needed after you specify your system components.

Best 73! Vasco, LZ1JK , KrassyK1LZ
ACOM International,Inc, 13 December 2000.

366. AW: [acom-list] ACOM-ACOM2S1

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-18 07:20:36 UTC
From: Herrmann, Thomas
Topic: 366 Message: 366

In addition to the given information by Vasco and Krassy,
the FT890 CAT behaves exactly in the same manner as FT900 CAT.
So You can use the DOS soft also in connection with the FT890;
it's going well.

I got lots of data and stored them.
Of course, the last 12 protection action are well known.
But how to interpret the gotten data from antenna tuning ?

73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: aa1nd@... [mailto:aa1nd@aol.com]
Gesendet: Montag, 18. Dezember 2000 04:06
An: W0FM@...
Cc: acom-list@egroups.com
Betreff: [acom-list] ACOM-ACOM2S1

For Terry Schieler, W0FM:
Hi Terry,

... This program will control via PC the ACOM2000A Automatic HF linear
amplifier, the Automatic antenna selector ACOM2000S, including the
Remote
antenna switch ACOM2000SW (option), and FT1000MP, FT990 or FT900 CAT
transceivers in an automatically tuning radio system. ...

C A U T I O N ! Note that FT990 and FT900 are to be controlled from
PC via
an additional level converter to match the 0/+5V levels in the
transceiver to the +/-12V standard levels of the serial PC
ports. Failing to put it may result in DAMAGING both: the
transceiver and/or the PC. ...

Best 73! Vasco, LZ1JK , KrassyK1LZ
ACOM International,Inc, 13 December 2000.

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

367. Xmas card from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-21 17:14:07 UTC
From: Barry Kutner
Topic: 367 Message: 367

Today, I received my second, annual Xmas card from Acom,
signed by Vasco. Tnx Vasco!
To paraphrase Yacov Smirnoff(?): Acom - what a company!
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

368. RE: [acom-list] Xmas card from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-22 14:41:40 UTC
From: Brian Smithson
Topic: 367 Message: 368

I'm going thru withdrawal - I'm in FL visiting my folks and the new amp is sitting idle at home. I've had it about five days and I miss it already!

73 and merry xmas all!

-Brian n8wrl

> -----Original Message-----
> From: Barry Kutner [mailto:w2up@...]
> Sent: Thursday, December 21, 2000 12:14 PM
> To: acom-list@egroups.com
> Subject: [acom-list] Xmas card from Acom
>
>
> Today, I received my second, annual Xmas card from Acom,
> signed by Vasco. Tnx Vasco!
> To paraphrase Yacov Smirnoff(?): Acom - what a company!
> 73 Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

369. Re: [acom-list] Xmas card from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-22 14:39:07 UTC
From: Richard Thorne
Topic: 367 Message: 369

Theres a fix to that Brian:

Run remote control with a Kachina 505dsp.

Brian Smithson wrote:

> I'm going thru withdrawal - I'm in FL visiting my folks and
> the new amp is sitting idle at home. I've had it about five
> days and I miss it already!
>
> 73 and merry xmas all!
>
> -Brian n8wrl
>
> > -----Original Message-----
> > From: Barry Kutner [mailto:w2up@...]
> > Sent: Thursday, December 21, 2000 12:14 PM
> > To: acom-list@egroups.com
> > Subject: [acom-list] Xmas card from Acom
> >
> >
> > Today, I received my second, annual Xmas card from Acom,
> > signed by Vasco. Tnx Vasco!
> > To paraphrase Yacov Smirnoff(?): Acom - what a company!
> > 73 Barry
> > --
> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA FRC alternate: barry@...
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
> >
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

--
73,

Richard Thorne
ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
Remote Control Airplanes: AMA# 657062

http://www.tcac.net/~rthorne/

370. RE: [acom-list] Xmas card from Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-22 14:53:00 UTC
From: Brian Smithson
Topic: 367 Message: 370

Ha! I guess I should. That sounds like fun to experiment
with. 73!

-Brian n8wrl

> -----Original Message-----
> From: Richard Thorne [mailto:rthorne@...]
> Sent: Friday, December 22, 2000 9:39 AM
> To: acom-list@egroups.com
> Subject: Re: [acom-list] Xmas card from Acom
>
>
> Theres a fix to that Brian:
>
> Run remote control with a Kachina 505dsp.
>
> Brian Smithson wrote:
>
> > I'm going thru withdrawal - I'm in FL visiting my folks and
> > the new amp is sitting idle at home. I've had it about five
> > days and I miss it already!
> >
> > 73 and merry xmas all!
> >
> > -Brian n8wrl
> >
> > > -----Original Message-----
> > > From: Barry Kutner [mailto:w2up@...]
> > > Sent: Thursday, December 21, 2000 12:14 PM
> > > To: acom-list@egroups.com
> > > Subject: [acom-list] Xmas card from Acom
> > >
> > >
> > > Today, I received my second, annual Xmas card from Acom,
> > > signed by Vasco. Tnx Vasco!
> > > To paraphrase Yacov Smirnoff(?): Acom - what a company!
> > > 73 Barry
> > > --
> > > Barry Kutner, W2UP Internet: w2up@...
> > > Newtown, PA FRC alternate: barry@...
> > >
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@egroups.com

> > >
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
>
> --
> 73,
>
> Richard Thorne
> ARS N5ZC (ex KA2DSY, N2BHP, WB5M)
> Remote Control Airplanes: AMA# 657062
> http://www.tcac.net/~rthorne/
>
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

371. Fw: [1000mp] 1000mp AF gain control

Yahoo group: acom-list (1999 — 2009)
Date: 2000-12-22 18:06:59 UTC
From: Paul Hellenberg K4JA
Topic: 371 Message: 371

FYI

----- Original Message -----
From: "Gosch, Edward" <egosch@...-SPCO.com>
To: <1000mp@...>
Sent: Friday, December 22, 2000 16:21
Subject: [1000mp] 1000mp AF gain control

> Thanks for all the responses on the AFgain control. I looked
> into replacing it with a higher quality component. The Yaesu
> part is made by Alps. It looks like a custom configuration.
> It would be too much trouble for me to retrofit a different
> control into the MP, although possible. I can live with the
> scratchy control for now. But I am looking forward to ICOM's
> new HF rig that is supposed to be a cross between the
> IC-781 and 756PRO.
>
> BTW:
> I was in the market for a HF amplifier last week. I considered
> the Quattra, but with my bad experience with the MP's controls,
> I didn't want to risk ending up with another expensive piece of
> equipment that I was not really happy with. I ended up buying
> an ACOM 2000A. I really thank Yaesu for convincing me to buy
> the ACOM. Its the first piece of gear since my Drake line that I
> would recommend to everyone.
>
>
> ---
> Submissions 1000mp@...
>
> *****ATTENTION*****
> This list is presently configured so that when you
> use your *Reply* function on your email application
> your message will be sent to the 1000mp list.
> If you wish to reply privately to the original poster
> cut & paste or type the original poster's address in
> the *Send* field of your email application.

372. 2000A and 2000SW insertion loss

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-02 15:07:23 UTC
From: Brian Smithson
Topic: 367 Message: 372

Happy New Year, everyone!

I'm in the process of documenting my station and running
the FCC RF exposure analyses for my beams and I wonder if
anyone has any data on the insertion loss of the 2000A and
2000SW. Obviously the loss for the 2000A isn't interesting
for the RF exposure stuff but I am interested in doing
some comparative RX stuff too.

Thanks es 73!

-Brian n8wrl

373. Re: [acom-list] 2000A and 2000SW insertion loss

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-02 15:26:23 UTC
From: alsopb
Topic: 367 Message: 373

Properly operating the "insertion loss" of the 2000A is +14.5db
relative to 50 watts.

Frankly, I don't know what you are asking. If you never use the amp,
take it out of the circuit and the loss is zero.

If you use it, then you have to do the evaluation at the output power
of the amp. Loss calcs then start at the amp and go to the antenna.

Sounds like you're trying to play games.
Having done these analyses, you won't get into trouble at 1500 Watts
output if all your antennas are 20-30' away from people.

73 de Brian/K3KO

Brian Smithson wrote:
>
> Happy New Year, everyone!
>
> I'm in the process of documenting my station and running
> the FCC RF exposure analyses for my beams and I wonder if
> anyone has any data on the insertion loss of the 2000A and
> 2000SW. Obviously the loss for the 2000A isn't interesting
> for the RF exposure stuff but I am interested in doing
> some comparative RX stuff too.
>
> Thanks es 73!
>
> -Brian n8wrl
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

374. RE: [acom-list] 2000A and 2000SW insertion loss

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-02 15:43:53 UTC
From: Brian Smithson
Topic: 367 Message: 374

Hi Brian!

Thanks for the reply. I'm pretty sure I messed up my message :)
I'm interested in two things:

1. Loss from the amp to my beams (I understand the amp has
'negative loss' :)) but the switch doesn't and I want to run thru
the RF exposure worksheets and be as accurate as I can to figure
power at the antenna (after the loss in cables, connectors,
switches, suppressors, etc).

2. I'm interested in the loss the amplifier itself imposes in
the RX _from_ the antenna as well. No particular reason, just
like to know what the whole 'system' is doing.

No games :)

Thanks!

-Brian n8wrl

> -----Original Message-----
> From: alsopb [mailto:alsopb@...]
> Sent: Tuesday, January 02, 2001 10:26 AM
> To: acom-list@egroups.com
> Subject: Re: [acom-list] 2000A and 2000SW insertion loss
>
>
> Properly operating the "insertion loss" of the 2000A is +14.5db
> relative to 50 watts.
>
> Frankly, I don't know what you are asking. If you never use the amp,
> take it out of the circuit and the loss is zero.
>
> If you use it, then you have to do the evaluation at the output power
> of the amp. Loss calcs then start at the amp and go to the antenna.
>
> Sounds like you're trying to play games.
> Having done these analyses, you won't get into trouble at 1500 Watts
> output if all your antennas are 20-30' away from people.
>
> 73 de Brian/K3KO
>
> Brian Smithson wrote:
> >
> > Happy New Year, everyone!
> >

> > I'm in the process of documenting my station and running
> > the FCC RF exposure analyses for my beams and I wonder if
> > anyone has any data on the insertion loss of the 2000A and
> > 2000SW. Obviously the loss for the 2000A isn't interesting
> > for the RF exposure stuff but I am interested in doing
> > some comparative RX stuff too.
> >
> > Thanks es 73!
> >
> > -Brian n8wrl
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

375. Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-07 08:31:50 UTC
From: K6NDV Will
Topic: 185 Message: 375

Is there any news on the software?
Sure would love to use it with Logwindows.
Thanks Will, K6NDV

376. Re: [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-07 14:50:18 UTC
From: Gerry Hull
Topic: 185 Message: 376

Hi Will,

This software project has taken much
much too long. There have been a lot
of delays which have nothing to do
with Acom! (They are due to my time
constraints).

I am in the final stages. Currently
waiting for a email response from Vasco
about one final issue.

Too good things I can tell you:
1. LogWindows support is built in and works
great.
2. The software will be released as freeware.

No promises on the date, but I am pushing
for this month.

Gerry, W1VE

> Is there any news on the software?
> Sure would love to use it with Logwindows.
> Thanks Will, K6NDV
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
>

377. RE: [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-09 18:56:18 UTC
From: Brian Smithson
Topic: 185 Message: 377

Great news!

How will it be distributed? Will it be a download for
2000A owners?

73 and keep up the good work!

-Brian n8wrl

> -----Original Message-----
> From: Gerry Hull [mailto:windev@...]
> Sent: Sunday, January 07, 2001 9:50 AM
> To: acom-list@egroups.com
> Subject: Re: [acom-list] Software
>
>
> Hi Will,
>
> This software project has taken much
> much too long. There have been a lot
> of delays which have nothing to do
> with Acom! (They are due to my time
> constraints).
>
> I am in the final stages. Currently
> waiting for a email response from Vasco
> about one final issue.
>
> Too good things I can tell you:
> 1. LogWindows support is built in and works
> great.
> 2. The software will be released as freeware.
>
> No promises on the date, but I am pushing
> for this month.
>
> Gerry, W1VE
>
> > Is there any news on the software?
> > Sure would love to use it with Logwindows.
> > Thanks Will, K6NDV
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com

> >
> >
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

378. Re: [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-10 14:26:14 UTC
From: Gerry Hull
Topic: 185 Message: 378

Hi Brian,

It will be distributed via my web site, at http://www.w1ve.com/hamtools.
When it is ready, I will post notices here and on a bunch of ham
reflectors.

73,

-Gerry

> Great news!
>
> How will it be distributed? Will it be a download for
> 2000A owners?
>
> 73 and keep up the good work!
>
> -Brian n8wrl

379. Test

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-26 16:10:13 UTC
From: Mike73@aol.com
Topic: 379 Message: 379

Just testing
Haven't seen anything coming out of the list lately..... Also noticed the
ACOM website seems to be down today (01/26/01).

73,
Mike, N1JEZ
FN34im
"A closed mouth gathers no feet."

380. Re: [acom-list] Test

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-26 18:10:32 UTC
From: Gerry Hull
Topic: 379 Message: 380

> Haven't seen anything coming out of the list lately..... Also noticed the
> ACOM website seems to be down today (01/26/01).

The site (http://www.hfpower.com) is up and working fine
now... They > Just testing
were doing some maintenance this morning.

Gerry

381. Re: [acom-list] Test

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-28 13:10:42 UTC
From: aa1nd@aol.com
Topic: 379 Message: 381

Test

382. Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 12:33:04 UTC
From: Talens, James
Topic: 382 Message: 382

Anyone have at hand a stateside, off-the-shelf source for the optional 24
volt fan for the Acom 2000A?

Tnx!

Jim, N3JT
jtalens@...

[Non-text portions of this message have been removed]

383. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 12:45:30 UTC
From: Bob Naumann - N5NJ
Topic: 382 Message: 383

I found one at a local surplus component store.

That said, it never comes on as the amplifier does not get hot enough
to need it.

Amazing.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Talens, James" <JTalens@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, January 29, 2001 12:33
Subject: [acom-list] Query re: FAN

> Anyone have at hand a stateside, off-the-shelf source for the
optional 24
> volt fan for the Acom 2000A?
>
> Tnx!
>
> Jim, N3JT
> jtalens@...
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------ Yahoo! Groups
Sponsor ----------------------~-~>
> eGroups is now Yahoo! Groups
> Click here for more details
> http://click.egroups.com/1/11231/0/_/17002/_/980772030/
> ---
-_->
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

384. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 13:35:43 UTC
From: alsopb
Topic: 382 Message: 384

Hi Jim,

I run the ACOM full bore 1.5KW RTTY and temp never gets hot enough for
fan to operate. However, my amp is out in the open. Can't say what
it would be like for amp located under desk or in a closet!

The shack does get hot! Have to use ceiling fan and open windows...

My objective with ACOM was to have a quiet amp. The extra fan ACOM
supplied (which I did not hook up) made more noise than the amp
itself. It also blocks some of the air flow for the input air.

73 de Brian/K3KO

"Talens, James" wrote:
>
> Anyone have at hand a stateside, off-the-shelf source for the optional 24
> volt fan for the Acom 2000A?
>
> Tnx!
>
> Jim, N3JT
> jtalens@...
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

385. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 13:39:48 UTC
From: Paul Hellenberg K4JA
Topic: 382 Message: 385

Hello All

I have two in a coax closet and I am amazed how cool they are. I used to heat the whole house with my old stuff. It is absolutely amazing.

73 Paul

> I run the ACOM full bore 1.5KW RTTY and temp never gets hot enough for
> fan to operate. However, my amp is out in the open. Can't say what
> it would be like for amp located under desk or in a closet!
>
> The shack does get hot! Have to use ceiling fan and open windows...
>
> My objective with ACOM was to have a quiet amp. The extra fan ACOM
> supplied (which I did not hook up) made more noise than the amp
> itself. It also blocks some of the air flow for the input air.
>
> 73 de Brian/K3KO
>
> "Talens, James" wrote:
> >
> > Anyone have at hand a stateside, off-the-shelf source for the optional
24
> > volt fan for the Acom 2000A?
> >
> > Tnx!
> >
> > Jim, N3JT
> > jtalens@...
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@egroups.com
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

386. RE: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 13:41:39 UTC
From: Talens, James
Topic: 382 Message: 386

Tnx, Bob. I figure that if tube longevity is related to envelope temperature, it's better to have more air flowing all the time. You amuse me by the heat comment, because I noticed that the amp, under the desk between my legs, has been causing me to overheat where I don't particularly need it! So I'll move the amplifier to the other side of the shack, where I think the noise of the two fans, assuming I get the second one, will not be a factor. I operate mostly cw anyhow, with headphones, so fan noise is irrelevant.

73,

Jim, N3JT

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: Monday, January 29, 2001 8:36 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Query re: FAN

Hi Jim,

I run the ACOM full bore 1.5KW RTTY and temp never gets hot enough for fan to operate. However, my amp is out in the open. Can't say what it would be like for amp located under desk or in a closet!

The shack does get hot! Have to use ceiling fan and open windows...

My objective with ACOM was to have a quiet amp. The extra fan ACOM supplied (which I did not hook up) made more noise than the amp itself. It also blocks some of the air flow for the input air.

73 de Brian/K3KO

"Talens, James" wrote:
>
> Anyone have at hand a stateside, off-the-shelf source for the optional 24
> volt fan for the Acom 2000A?
>
> Tnx!
>
> Jim, N3JT
> jtalens@...
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe, send an empty message to:

>
> acom-list-unsubscribe@egroups.com

To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

387. RE: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 13:43:04 UTC
From: Talens, James
Topic: 382 Message: 387

Bob - I thought it was programmed to energize when the amp is on, i.e., after the warmup period, but apparently that is not correct.

Jim, N3JT

-----Original Message-----
From: Bob Naumann - N5NJ [mailto:n5nj@...]
Sent: Monday, January 29, 2001 7:46 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Query re: FAN

I found one at a local surplus component store.

That said, it never comes on as the amplifier does not get hot enough to need it.

Amazing.

Robert E. Naumann
N5NJ / V26O
N5NJ@...
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Talens, James" <JTalens@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, January 29, 2001 12:33
Subject: [acom-list] Query re: FAN

> Anyone have at hand a stateside, off-the-shelf source for the optional 24
> volt fan for the Acom 2000A?
>
> Tnx!
>
> Jim, N3JT
> jtalens@...
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
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> acom-list-unsubscribe@egroups.com
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To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

388. RE: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-29 15:41:31 UTC
From: N2TK
Topic: 382 Message: 388

Installed my Acom in the basement where my coax comes in the house. Turn it on when I come in the shack in the morning and turn it off when I go to sleep. No heat or noise in the shack, just the remote control unit.

By the way, I got the external fan, which runs all the time on my amp. Cut up a good furnace filter which I attached to the external fan to give a stage of cleaning.

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: Monday, January 29, 2001 8:36 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Query re: FAN

Hi Jim,

I run the ACOM full bore 1.5KW RTTY and temp never gets hot enough for fan to operate. However, my amp is out in the open. Can't say what it would be like for amp located under desk or in a closet!

The shack does get hot! Have to use ceiling fan and open windows...

My objective with ACOM was to have a quiet amp. The extra fan ACOM supplied (which I did not hook up) made more noise than the amp itself. It also blocks some of the air flow for the input air.

73 de Brian/K3KO

"Talens, James" wrote:
>
> Anyone have at hand a stateside, off-the-shelf source for the optional 24
> volt fan for the Acom 2000A?
>
> Tnx!
>
> Jim, N3JT
> jtalens@...
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe, send an empty message to:
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To unsubscribe, send an empty message to:

acom-list-unsubscribe@egroups.com

389. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-30 10:31:14 UTC
From: k5yg@aol.com
Topic: 382 Message: 389

I have 2000A S/N 116 (purchased in June 2000) It came with the optional fan "factory installed" by Krassy. I use the Amp for RTTY contesting - Other than RTTY contesting, I see no need for the optional fan. I ran the Amp at 1.5kw out for 24 hours during the ARRL RTTY Roundup last month -- No problems -- Ran cool & Quiet -- the cabinet became slightly warm.

The optional fan runs all the time and increases speed when tube air exhaust temperature rises to between 93 - 97C. The fan speed decreases when the exhaust temp falls below 83c. The "optional fan" does make more noise than the internal fan, but is quiet as a mouse compared to my AL-1500! I can't stand to use my AL-1500 due to the noise and heat it throws out!

Here are some Acom 2000A key-down temperature readings with the optional fan installed:

2 minutes key down at 1kw output
F=14.088
Pin=45W
Input Pwr= 2.13kw

F=95 degrees C
R=91 degreec C

3 minutes key down at 1kw output

F=95 degrees C
R=93 degrees C

The Acom 2000A is the best amplifier I have have ever seen in my 46 years in this hobby.

73 de Bill, K5YG

390. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-30 12:23:06 UTC
From: Barry Kutner
Topic: 382 Message: 390

My fan was also installed by Krassy. It runs all the time, and my
amp has never gotten above 80 deg C, so don't know about it
speeding up. I've also run it hard in the CQWW RTTY contest and
the cabinet just gets warm to the touch!
73 Barry

On 30 Jan 01, k5yg@... wrote:

> I have 2000A S/N 116 (purchased in June 2000) It came with the optional fan
> "factory installed" by Krassy. I use the Amp for RTTY contesting - Other
> than RTTY contesting, I see no need for the optional fan. I ran the Amp at
> 1.5kw out for 24 hours during the ARRL RTTY Roundup last month -- No problems
> -- Ran cool & Quiet -- the cabinet became slightly warm.
>
> The optional fan runs all the time and increases speed when tube air exhaust
> temperature rises to between 93 - 97C. The fan speed decreases when the
> exhaust temp falls below 83c. The "optional fan" does make more noise than
> the internal fan, but is quiet as a mouse compared to my AL-1500! I can't
> stand to use my AL-1500 due to the noise and heat it throws out!
>
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> installed:
>
> 2 minutes key down at 1kw output
> F=14.088
> Pin=45W
> Input Pwr= 2.13kw
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> F=95 degrees C
> R=91 degreec C
>
> 3 minutes key down at 1kw output
>
> F=95 degrees C
> R=93 degrees C
>
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> this hobby.
>
> 73 de Bill, K5YG
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

391. Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-30 12:25:39 UTC
From: Richard Thorne
Topic: 391 Message: 391

Whats the cost of the fan? I finally got the station up and running on rtty/psk ect. What a blast, I've been missing a lot of fun.

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

392. ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-30 14:11:40 UTC
From: Mike73@aol.com
Topic: 392 Message: 392

Howdy,

I recently received my new ACOM 1000A serial 000001! Well, I had a chance to give it a good workout on 6M during the ARRL January VHF contest.

I'm pleased to report flawless performance. We ran upwards of 1150 watts on peaks and the amp never complained. I received good reports from station close by concerning cleanliness of signal.

Typical ACOM performance!

73,
Mike, N1JEZ
FN34im
"A closed mouth gathers no feet."

393. Re: [acom-list] ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-30 17:23:26 UTC
From: Hans Goldschmidt
Topic: 392 Message: 393

1-01-30 14.11, skrev Mike73@... på Mike73@... följande:

> Howdy,
>
> I recently received my new ACOM 1000A serial 000001! Well, I had a chance to
> give it a good workout on 6M during the ARRL January VHF contest.
>
> I'm pleased to report flawless performance. We ran upwards of 1150 watts on
> peaks and the amp never complained. I received good reports from station
> close by concerning cleanliness of signal.
>
> Typical ACOM performance!
>
> 73,
> Mike, N1JEZ
> FN34im
> "A closed mouth gathers no feet."
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
>
Very interesting. It would be nice to see whats inside if you can send a
picture of the works? And maybe the schematic. To me it looks very similar
to the EMTRON DX1? What is the factory price?

I am actually interested in a manual tuned 2000 that would be cheaper..

I am also waiting for a 2 meter amp.

73s de Hans SM5KI

394. Re: [acom-list] Query re: FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2001-01-31 04:48:12 UTC
From: k5yg@aol.com
Topic: 382 Message: 394

In a message dated 1/30/01 4:32:44 AM Central Standard Time, k5yg@...
writes:

<< The optional fan runs all the time and increases speed when tube air
exhaust
temperature rises to between 93 - 97C. >>

The optional fan actually comes on after the warm-up period has completed.

73 de Bill, K5YG

395. Re: [acom-list] ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-01 02:48:10 UTC
From: W7XU Arliss
Topic: 392 Message: 395

Hi,

I was wondering where you picked up the Acom 1000A?
Isn't that the 160-6m amp that was supposed to come
out last fall? It sounds as if you like it.

73, Arliss W7XU

Mike73@... wrote:
>
> Howdy,
>
> I recently received my new ACOM 1000A serial 000001! Well, I had a chance to
> give it a good workout on 6M during the ARRL January VHF contest.
>
> I'm pleased to report flawless performance. We ran upwards of 1150 watts on
> peaks and the amp never complained. I received good reports from station
> close by concerning cleanliness of signal.
>
> Typical ACOM performance!
>
> 73,
> Mike, N1JEZ
> FN34im

396. Re: [acom-list] ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-01 03:06:54 UTC
From: W7XU Arliss
Topic: 392 Message: 396

Hi Mike,

How's the Acom 1000 doing? Where did you find one to
order?

73, Arliss W7XU

Mike73@... wrote:
>
> Howdy,
>
> I recently received my new ACOM 1000A serial 000001! Well, I had a chance to
> give it a good workout on 6M during the ARRL January VHF contest.
>
> I'm pleased to report flawless performance. We ran upwards of 1150 watts on
> peaks and the amp never complained. I received good reports from station
> close by concerning cleanliness of signal.
>
> Typical ACOM performance!
>
> 73,
> Mike, N1JEZ
> FN34im
> "A closed mouth gathers no feet."
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com

397. Re: [acom-list] ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-01 13:21:56 UTC
From: Mike73@aol.com
Topic: 392 Message: 397

In a message dated 1/31/01 11:57:21 PM Eastern Standard Time, w7xu@...
writes:

> Hi,
>
> I was wondering where you picked up the Acom 1000A?
> Isn't that the 160-6m amp that was supposed to come
> out last fall? It sounds as if you like it.
>
> 73, Arliss W7XU

Hi Arliss,

Yes, the 1000A is the manual tune 160-6 1kW amp. Got it from ACOM. The amp was ready to be sold in the US quite a while ago, but the FCC type acceptance paperwork hadn't arrived until recently. I understand about 70 have been shipped to folks in the US so far.

Love it so far. Tuning is real fast, easy and stable. It weighs in at 40 lbs, so it's easy to move around. If I had one complaint, it's the LCD display. It has a fairly narrow vertical view angle. You need to be looking almost directly into it to read it in the vertical plane. It's not bad in the horizontal plane. I plan to have the amp mounted near eye level so it's no big deal.

It's extremely quiet in operation. I can barely hear the fan when I'm right next to it. My FT-920 makes more noise going into transmit/receive than the ACOM. The metering is excellent.

For a look at one, check:

http://www.vinecom.co.uk/ACOM1K.html

Everything above is based on only 2 weeks with the amp. Ask me again in 6 months how it's going!

73,
Mike, N1JEZ
FN34im
"A closed mouth gathers no feet."

398. Re: [acom-list] ACOM 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-01 13:47:38 UTC
From: Paul Christensen
Topic: 392 Message: 398

What's the current price of the 1000A? It appears the American Acom web site hasn't been updated in along time and I see no references to pricing in the U.S.

-Paul, W9AC

----- Original Message -----
From: <Mike73@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, February 01, 2001 8:21 AM
Subject: Re: [acom-list] ACOM 1000A

> In a message dated 1/31/01 11:57:21 PM Eastern Standard Time, w7xu@...
> writes:
>
> > Hi,
> >
> > I was wondering where you picked up the Acom 1000A?
> > Isn't that the 160-6m amp that was supposed to come
> > out last fall? It sounds as if you like it.
> >
> > 73, Arliss W7XU
>
> Hi Arliss,
>
> Yes, the 1000A is the manual tune 160-6 1kW amp. Got it from ACOM. The amp
> was ready to be sold in the US quite a while ago, but the FCC type acceptance
> paperwork hadn't arrived until recently. I understand about 70 have been
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> has a fairly narrow vertical view angle. You need to be looking almost
> directly into it to read it in the vertical plane. It's not bad in the
> horizontal plane. I plan to have the amp mounted near eye level so it's no
> big deal.
>
> It's extremely quiet in operation. I can barely hear the fan when I'm right
> next to it. My FT-920 makes more noise going into transmit/receive than the
> ACOM. The metering is excellent.

>
> For a look at one, check:
>
> http://www.vinecom.co.uk/ACOM1K.html
>
> Everything above is based on only 2 weeks with the amp. Ask me again in 6
> months how it's going!
>
> 73,
> Mike, N1JEZ
> FN34im
> "A closed mouth gathers no feet."
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>

399. Radio switch?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-23 20:27:29 UTC
From: Brian, N8WRL
Topic: 399 Message: 399

I haven't seen an update to the ACOM site in quite some time, and yet I've heard people talk about a 2-radio switch they have or are working on. Does anyone have any info on that?

-Brian n8wrl

400. Re: [acom-list] Radio switch?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 00:05:31 UTC
From: A. J. (Jim) Movius
Topic: 399 Message: 400

The switch is, per the operating manual received from ACOM this week, is called the ACOM 2SI automatic XCVR commutator, designed to allow two transceivers to use a common load. Control cables are directly suited for Yaesu FT990 and FT 1000MP. Features stated: Fully automatic, QSK in CW mode is standard, Up to 200W through-line power, VSWR below 1.1:1 (1.8-54 MHz); below 1.2:1 up to 80 MHz, Single 12VDC/30mA power supply (fed from transceiver). No price, availability info.
73, Jim, KL7JM
----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, February 23, 2001 11:27 AM
Subject: [acom-list] Radio switch?

> I haven't seen an update to the ACOM site in quite some time, and yet I've
> heard people talk about a 2-radio switch they have or are working on. Does
> anyone have any info on that?
>
> -Brian n8wrl
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@egroups.com
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

401. Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 01:06:21 UTC
From: k2at@home.com
Topic: 401 Message: 401

I use QSK all the time with my acom 2000 and have had a problem with two separate transmit/relay switches. I have hot switched them both thru normal use and have had to replace both of them. When they locked up I got the error message which states "Antenna relay closed it should be open". Either I got the only two switches which were defective, or the switches themselves are of poor quality. Has anyone else had a similiar experience? Mel

402. Re: Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 05:37:59 UTC
From: dick.green@valley.net
Topic: 401 Message: 402

Mel,

I installed my brand-new ACOM 2000A yesterday and had exactly the same problem within 24 hours.

During initial testing after tuneup, the amp appeared to work OK in VOX mode. But several times I got "Relay is open, it should be closed" and the amp dropped into Standby. Putting the amp back into Operate cleared the problem. Today, while using QSK, I got "Relay is closed, it should be open" and the amp shut down. Attempts to restart the amp have failed -- a second or two after power up it displays "Relay is closed, it should be open" and shuts down again. The amp is dead in the water, so I assume the relay contacts are fused (bummer!)

The rig here is an FT-1000MP. I used the solid-state QSK connection method, with the amp's KEY IN jack connected to the MP's Band Data pin 2 (TX GND) and the amp's KEY OUT jack connected to the MP's Band Data pin 8 (TX INH). Pin 8 is connected to +13.8VDC through a 10K-ohm pull-up resistor.

When the initial problem occurred, I discovered that when I pulled the connection between KEY OUT and TX INH, the MP was still sending RF after switching. In other words, TX INH was not working. It turned out that the cable was faulty -- I think pin 8 was shorted to ground inside the plug, effectively disabling the TX INH function. So, a few words of code were sent with the QSK system not properly connected.

Without TX INH working, the MP's QSK transmit delay parameter governs the timing. The MP was set to delay RF for 5ms after switching (menu item 7-4), which might not have been quite enough time. Depending on how much switching voltage ACOM uses, 8ms-10ms delay or more might be required (higher switching voltage can make vacuum relays switch faster.)

The amp continued to function properly in both VOX and QSK mode for a while after I got the first set of faults and fixed the cable. I had just finished working D68C on 80M this evening when the fatal fault occurred. The TX INH system was working properly at that time.

It's hard to believe that just a few words of code sent with incorrect timing destroyed the relay contacts. I've never had a problem with Jennings or Kilovac vacuum relays fusing because of hot switching -- and I've driven several of them from the notorious FT-990, which has only a couple of milliseconds delay between T/R switching and RF. In fact, Krassy loaned me his ACOM for ARRL DX CW and I used it in QSK mode with the same MP setup successfully without

ever driving either error message (I don't know if the cable was
shorted while that was going on.)

But all of that should be a moot point -- I assume that the ACOM
firmware is supposed to check incorrect T/R sequencing *before* the
hotswitching occurs, and that's what the first error message was
about.

I think there are several possible causes:

1. Hotswitching and ACOM's T/R error detection doesn't work properly
2. ACOM has a batch of defective relays
3. ACOM relays are of poor quality
4. All of the above

A few questions for you:

1. What rig are you using?
2. How is the T/R system setup for QSK?
3. Did you have to ship your amp back for repair or did ACOM ship you
a relay that you replaced yourself? If the latter, what was the
procedure?
4. Is the relay US-made or Bulgarian? It looks a lot like a Jennings
or Kilovac, but I didn't look all that closely.

73, Dick WC1M

--- In acom-list@y..., k2at@h... wrote:
> I use QSK all the time with my acom 2000 and have had a problem
with
> two separate transmit/relay switches. I have hot switched them
both
> thru normal use and have had to replace both of them. When they
> locked up I got the error message which states "Antenna relay
closed
> it should be open". Either I got the only two switches which were
> defective, or the switches themselves are of poor quality. Has
> anyone else had a similiar experience? Mel

403. Re: [acom-list] Re: Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 12:28:05 UTC
From: Mel
Topic: 401 Message: 403

Dick, Tnx for getting back to me. Let's c if I can answer ur questions. First of all, what u descrive is exactly what was happening to me only my cables were fine. I am using a Yaesu ft1000d and had the distinction of fusing two relays. By the way, the relays are Kilovac relays. I wish they were Jennings. I sent the rig back to Krassy the first time and UPS destroyed the amp totally. It was insured, of course, but they refused to pay. Said it was packed improperly although it was the original packing. The second amp and new relay also went south on me and I told Krassy to send me a new switch. Did not want UPS problem again. I am not electronically inclined, however it was a simple job to replace. Top and front cover have to come off. I am now on third relay and although it has not seized up on me yet, I have gotten a few messages saying relay closed should be open. so far it has not fused. Krassy said they had gotten a bad batch of relays, but I believe the switching mechanism needs a protection circuit which only allows rf when the rig is ready. By the way, Dick, my rig is also brand new. Only a month old. I am hopeful that the software will possibly resolve this problem. I will never use UPS again (Krassy gave me a new amp free) and I don't recomment u send it back. U sound like u can solder the relay in yourself.

What is the status of ur rig now? Is it dead in the water? Mel PS If they solve this problem, the rig is great.
----- Original Message -----
From: dick.green@...
To: acom-list@yahoogroups.com
Sent: Saturday, February 24, 2001 5:37 AM
Subject: [acom-list] Re: Acom transmit/relay switch

Mel,

I installed my brand-new ACOM 2000A yesterday and had exactly the
same problem within 24 hours.

During initial testing after tuneup, the amp appeared to work OK in
VOX mode. But several times I got "Relay is open, it should be
closed" and the amp dropped into Standby. Putting the amp back into
Operate cleared the problem. Today, while using QSK, I got "Relay is
closed, it should be open" and the amp shut down. Attempts to restart
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Data pin 8 (TX INH). Pin 8 is connected to +13.8VDC through a 10K-ohm
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Without TX INH working, the MP's QSK transmit delay parameter governs the timing. The MP was set to delay RF for 5ms after switching (menu item 7-4), which might not have been quite enough time. Depending on how much switching voltage ACOM uses, 8ms-10ms delay or more might be required (higher switching voltage can make vacuum relays switch faster.)

The amp continued to function properly in both VOX and QSK mode for a while after I got the first set of faults and fixed the cable. I had just finished working D68C on 80M this evening when the fatal fault occurred. The TX INH system was working properly at that time.

It's hard to believe that just a few words of code sent with incorrect timing destroyed the relay contacts. I've never had a problem with Jennings or Kilovac vacuum relays fusing because of hot switching -- and I've driven several of them from the notorious FT-990, which has only a couple of milliseconds delay between T/R switching and RF. In fact, Krassy loaned me his ACOM for ARRL DX CW and I used it in QSK mode with the same MP setup successfully without ever driving either error message (I don't know if the cable was shorted while that was going on.)

But all of that should be a moot point -- I assume that the ACOM firmware is supposed to check incorrect T/R sequencing *before* the hotswitching occurs, and that's what the first error message was about.

I think there are several possible causes:

1. Hotswitching and ACOM's T/R error detection doesn't work properly
2. ACOM has a batch of defective relays
3. ACOM relays are of poor quality
4. All of the above

A few questions for you:

1. What rig are you using?
2. How is the T/R system setup for QSK?
3. Did you have to ship your amp back for repair or did ACOM ship you a relay that you replaced yourself? If the latter, what was the procedure?
4. Is the relay US-made or Bulgarian? It looks a lot like a Jennings or Kilovac, but I didn't look all that closely.

73, Dick WC1M

--- In acom-list@y..., k2at@h... wrote:
> I use QSK all the time with my acom 2000 and have had a problem
with
> two separate transmit/relay switches. I have hot switched them
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> thru normal use and have had to replace both of them. When they
> locked up I got the error message which states "Antenna relay
closed
> it should be open". Either I got the only two switches which were
> defective, or the switches themselves are of poor quality. Has
> anyone else had a similiar experience? Mel

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[Non-text portions of this message have been removed]

404. Re: [acom-list] Re: Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 12:52:48 UTC
From: alsopb
Topic: 401 Message: 404

Guys,

I am sorry for the failures. However......

Hot switching destroying T/R relays is nothing new. The ACOM amp isn't magic, it takes time for the relay to switch over and bounce a few times before solid contact is established.

When the MP first came out lots of other amps' T/R relays got destroyed.
It got so bad that some contest software delayed the rig keying half a character after it send the PTT signal.

IMHO the best route is NOT to depend upon rig inhibit circuitry to work. One should try and understand what the RF output delays (relative to the T/R signal) from the rig are and adjust them to allow for amp switchover time. You are not going to do better than this even with inhibit circuitry. I understand MP's have such an adjustment. A number of software logging programs also have such a delay one can dial in.

For years, I couldn't understand all the reported failures since I had used a TS450/TS850 and never had failures (w/o any inhibit signal). It turns out the KENWOOD introduces almost 20ms of delay between the initiation of the T/R signal and RF output. I had lucked out all these years. 20ms probably is overkill but it gives you some idea of what will work.

In the world of sub-nanosecond techonology, I have never understood why it is so difficult to produce break-in keying which doesn't destroy anything and yet sounds good. It just seems to be a matter of knowing all the timings.. However, this info isn't generally available. Were talking milliseconds not picoseconds here.

73 de Brian/K3KO

Mel wrote:
>
> Dick, Tnx for getting back to me. Let's c if I can answer ur questions. First of all, what u descrive is exactly what was happening to me only my cables were fine. I am using a Yaesu ft1000d and had the distinction of fusing two relays. By the way, the relays are Kilovac relays. I wish they were Jennings. I sent the rig back to Krassy the first time and UPS destroyed the amp totally. It was insured, of course, but they refused to pay. Said it was packed improperly although it was the original packing. The second amp and new relay also went south on me and I told Krassy to send me a new switch. Did not want UPS problem again. I am not electronically inclined, however it was a simple job to replace. Top and front cover have to come off. I am now on third relay and although it has not seized up on

me yet, I have gotten a few messages saying relay closed should be open. so far it has not fused. Krassy said they had gotten a bad batch of relays, but I believe the switching
> mechanism needs a protection circuit which only allows rf when the rig is ready. By the way, Dick, my rig is also brand new. Only a month old. I am hopeful that the software will possibly resolve this problem. I will never use UPS again (Krassy gave me a new amp free) and I don't recomment u send it back. U sound like u can solder the relay in yourself.
>
> What is the status of ur rig now? Is it dead in the water? Mel PS If they solve this problem, the rig is great.
> ----- Original Message -----
> From: dick.green@...
> To: acom-list@yahoogroups.com
> Sent: Saturday, February 24, 2001 5:37 AM
> Subject: [acom-list] Re: Acom transmit/relay switch
>
> Mel,
>
> I installed my brand-new ACOM 2000A yesterday and had exactly the
> same problem within 24 hours.
>
> During initial testing after tuneup, the amp appeared to work OK in
> VOX mode. But several times I got "Relay is open, it should be
> closed" and the amp dropped into Standby. Putting the amp back into
> Operate cleared the problem. Today, while using QSK, I got "Relay is
> closed, it should be open" and the amp shut down. Attempts to restart
> the amp have failed -- a second or two after power up it
> displays "Relay is closed, it should be open" and shuts down again.
> The amp is dead in the water, so I assume the relay contacts are
> fused (bummer!)
>
> The rig here is an FT-1000MP. I used the solid-state QSK connection
> method, with the amp's KEY IN jack connected to the MP's Band Data
> pin 2 (TX GND) and the amp's KEY OUT jack connected to the MP's Band
> Data pin 8 (TX INH). Pin 8 is connected to +13.8VDC through a 10K-ohm
> pull-up resistor.
>
> When the initial problem occurred, I discovered that when I pulled
> the connection between KEY OUT and TX INH, the MP was still sending
> RF after switching. In other words, TX INH was not working. It turned
> out that the cable was faulty -- I think pin 8 was shorted to ground
> inside the plug, effectively disabling the TX INH function. So, a few
> words of code were sent with the QSK system not properly connected.
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> Without TX INH working, the MP's QSK transmit delay parameter governs
> the timing. The MP was set to delay RF for 5ms after switching (menu
> item 7-4), which might not have been quite enough time. Depending on
> how much switching voltage ACOM uses, 8ms-10ms delay or more might be
> required (higher switching voltage can make vacuum relays switch
> faster.)
>
> The amp continued to function properly in both VOX and QSK mode for a

> while after I got the first set of faults and fixed the cable. I had
> just finished working D68C on 80M this evening when the fatal fault
> occurred. The TX INH system was working properly at that time.
>
> It's hard to believe that just a few words of code sent with
> incorrect timing destroyed the relay contacts. I've never had a
> problem with Jennings or Kilovac vacuum relays fusing because of hot
> switching -- and I've driven several of them from the notorious FT-
> 990, which has only a couple of milliseconds delay between T/R
> switching and RF. In fact, Krassy loaned me his ACOM for ARRL DX CW
> and I used it in QSK mode with the same MP setup successfully without
> ever driving either error message (I don't know if the cable was
> shorted while that was going on.)
>
> But all of that should be a moot point -- I assume that the ACOM
> firmware is supposed to check incorrect T/R sequencing *before* the
> hotswitching occurs, and that's what the first error message was
> about.
>
> I think there are several possible causes:
>
> 1. Hotswitching and ACOM's T/R error detection doesn't work properly
> 2. ACOM has a batch of defective relays
> 3. ACOM relays are of poor quality
> 4. All of the above
>
> A few questions for you:
>
> 1. What rig are you using?
> 2. How is the T/R system setup for QSK?
> 3. Did you have to ship your amp back for repair or did ACOM ship you
> a relay that you replaced yourself? If the latter, what was the
> procedure?
> 4. Is the relay US-made or Bulgarian? It looks a lot like a Jennings
> or Kilovac, but I didn't look all that closely.
>
> 73, Dick WC1M
>
> --- In acom-list@y..., k2at@h... wrote:
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> > thru normal use and have had to replace both of them. When they
> > locked up I got the error message which states "Antenna relay
> closed
> > it should be open". Either I got the only two switches which were
> > defective, or the switches themselves are of poor quality. Has
> > anyone else had a similiar experience? Mel
>

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405. Re: [acom-list] Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 12:46:36 UTC
From: Dave Hawes
Topic: 401 Message: 405

One of two 2000A amplifiers purchased in December, 2000
experienced this very same failure. Transceiver is FT-1000MP.
Control signal to 2000A is via the sequenced signal available on
the Band Data jack. Full QSK is NOT used. Relay failed within 2
days of periodic use.

Krassy sent a new Kilovac HC-1 relay which was installed in about
an hour without problems. This amplifier has not exhibited the error
message since, and was used intensely in the recent ARRL DX
CW contest in M/2 mode at N3RS without any problems at all. We
assume that the original relay was defective, since we did NOT hot
switch anything at all.

As an aside, Krassy said that a Jennings RJ1A would be a suitable
replacement. Per Krassy, Acom thoroughly investigated both the
RJ1A and HC1 before deciding upon the HC1, which they
considered a better relay for this application. We decided to install
the replacement HC1 based upon Krassy's recommendation and
willingness to send us a new one quickly. You should check first
with Krassy before replacing the HC1 with an RJ1A to make sure
that the warranty on the amp is not affected by this change.

By the way, we feel that the two 2000As in use at N3RS made a
significant contribution in our effort, where we have a claimed 3rd
place finish.

73 - Dave N3RD

On 24 Feb 2001, k2at@... wrote:

> I use QSK all the time with my acom 2000 and have had a problem with
> two separate transmit/relay switches. I have hot switched them both
> thru normal use and have had to replace both of them. When they
> locked up I got the error message which states "Antenna relay closed
> it should be open". Either I got the only two switches which were
> defective, or the switches themselves are of poor quality. Has
> anyone else had a similiar experience? Mel
>
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>

406. Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 16:09:09 UTC
From: ragnar otterstad
Topic: 401 Message: 406

> By the way, we feel that the two 2000As in use at
> N3RS made a
> significant contribution in our effort, where we
> have a claimed 3rd
> place finish.
>
> 73 - Dave N3RD

N3RS certainly was one of the strongest on 80 and 160
here !

73 Rag LA5HE

_____
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407. Re: [acom-list] Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 17:36:33 UTC
From: alsopb
Topic: 401 Message: 407

When I was investigating T/R relays for the Titan amp, it appeared that the nominal specs for the HC-1 relay had it operate a few milliseconds sooner than comparable Jennings series relays. I don't know if the ACOM has any circuitry to "hot shot" the relay into faster operation. The Titan amp apparently did.

My point about doing the correct timing and avoiding the use inhibit line is as follows:

If you are depending upon the inhibit line to avoid hot switching you have introduced additional failure mechanisms.

1) Proper and timely generation of the inhibit line signal within the ACOM
2) Proper and timely use of the inhibit signal line by the exciter. There appear different voltage levels/polarity requirements for different rigs for the "inhibit" signal.

The failure or spastic operation of either may cause hot switching problems.

Of course your choice, your risk. If I had a rig which could utilize the inhibit signal I'd both get the timing right and use the inhibit line.

It would be useful to know the ACOM's nominal T/R switching time.

73 de Brian/K3KO

Dave Hawes wrote:
>
> One of two 2000A amplifiers purchased in December, 2000
> experienced this very same failure. Transceiver is FT-1000MP.
> Control signal to 2000A is via the sequenced signal available on
> the Band Data jack. Full QSK is NOT used. Relay failed within 2
> days of periodic use.
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> an hour without problems. This amplifier has not exhibited the error
> message since, and was used intensely in the recent ARRL DX
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> replacement. Per Krassy, Acom thoroughly investigated both the
> RJ1A and HC1 before deciding upon the HC1, which they

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> the replacement HC1 based upon Krassy's recommendation and
> willingness to send us a new one quickly. You should check first
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408. Re: [acom-list] Acom transmit/relay switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-24 18:14:32 UTC
From: Mel
Topic: 401 Message: 408

Tnx dave for the information. The 3rd switch has not failed yet, but I hav gotten the error message. Here is hoping I will have no other problems. Other than this one problem, the amp is superlative. Best on the market. also, Krassy sticks behind his equipment 100%. I do believe though some type of protective circuit needs to be built into the amp. Mel.
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Saturday, February 24, 2001 5:36 PM
Subject: Re: [acom-list] Acom transmit/relay switch

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that the nominal specs for the HC-1 relay had it operate a few
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Of course your choice, your risk. If I had a rig which could utilize
the inhibit signal I'd both get the timing right and use the inhibit
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409. What a great company! (was Re: Acom transmit/relay switch)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-25 02:38:46 UTC
From: dick.green@valley.net
Topic: 401 Message: 409

Last night I sent an email to Krassy about the relay failure. This morning I received a reply from Vassil Vassilev, LZ1JK, President of ACOM. He replied because Krassy is on his way to Bulgaria for several days. Vassil apologized for the failure and said Krassy would send me an HC-1 when he returned. He also told me that I could replace the defective relay with a Jennings RJ1A without voiding my warranty, and provided complete and detailed instructions for doing so. Finally, he provided information about how the QSK circuit works and instructions for checking it with a scope (WARNING -- operating the amp with the cover off is dangerous!)

As I just happened to have a spare RJ1A left over from adding QSK to an SB-220 (for some reason I thought I needed a backup), I replaced the relay this afternoon and the amp works fine now. I don't know about you guys, but this kind of response and service is very impressive. It's not often that a company will let you do a repair like that without voiding the warranty, and it's less often that they will tell you exactly how to do it and how the circuitry works. Even less likely, of course, is that the President of the company will handle the matter. I'm sure that doesn't happen every day, but it shows that they care about customer service at ACOM.

Below I've included Vassil's description of the QSK circuit and timing. As you can see, there's an accelerator circuit and the controller waits 5ms before grounding KEY OUT. I think that could be a little short, even for an accelerated vaccum relay. However, Vassil also says that the relay contacts are monitored for improper sequencing and it isn't possible for the contacts to be damaged by hot switching. I'm not sure I understand exactly how this works, though. I have not attempted items a) and b) in the QSK timing check-out because it involves operating with the cover off and interlocks defeated (that always spooks me and I only do it when absolutely necessary.) I did check item c) and it's OK.

Brian's comments about the MP bother me. Could it be that the TX INH circuit doesn't work properly? I guess the 1000D must have exactly the same circuit because that's the rig that destroyed Mel's relays! Also note that the FT-990 has the same TX INH feature, so it's hard to understand why the introduction of the MP caused so much relay destruction.

I do like Brian's advice of not relying entirely on TX INH, especially because it's so easy to dial up the MP delay time (menu item 7-4.) I tried 10ms and you would be hard pressed to tell the difference on the scope, much less on the air. I think this is an appropriate delay, especially given that the Jennings RJ1A probably

doesn't switch quite as fast as the Kilovac HC-1. But here's an interesting question: when you enable TX INH by pushing in the Band Data plug, does the MP ignore the delay in menu item 7-4, or add it anyway? I haven't been able to find anything about that in the MP Technical Supplement. Guess I'll have to check it on the scope. I'm not going to use TX INH until I know.

Here's Vassil's description of the ACOM 2000A QSK:

Some comments about T/R system in ACOM2000A were provocated by your e-mail.

The relays normally actuate for 2-3 milliseconds (incl. bounces) since an accelerating R-C network is put in series to a +48VDC supply. The controller monitors the n.o. contact and lets it 5 milliseconds to actuate or to release after a command. You don't need additional time after the controller has enabled transmitting (several additional milliseconds does not harm but RX periods between CW signs are unnecessarily shortened).

The TH INH connection is not critical for the system since the controller monitors the RF presence on the relay contacts. A lot of transceiver models have no suitable input but they work flawlessly with ACOM2000A in QSK mode. That is to say the bad cable in the beginning should not be a reason to destroy the relay. Anyway, you are in a better position with YAESU1000MP since its TH INH works great and you should get better reliability in critical situations. Unfortunately, this cannot help a bad relay, some relays latch even after have been tested.

The QSK controller would not miss any improper relay performance: it monitors the ralays contacts for every dot and dash, and while they last too. If a problem is detected, the QSK controller not only disables the KEY-OUT signal, but also cuts off the tubes BIAS voltage even before signalling the CPU, RCU and the operator. It would not issue any switch-over command to the relay while RF is present at the antenna output. This way, no "hot" switching is allowed, at least until the system is in order. We have no faults registered in the QSK control system until now. Anyway, I'll describe how to check it.

a) You may check the *OUTT/R signal synchronously with the RF output using a two-channel oscilloscope. Find *OUTT/R on JP1:8 (or soldering point K1B) of the wattmeter PCB. This is the relay coil conrol. Be careful about the oscilloscope input: DC high-level is +48V and up to 100V overshoots appear at each end of transmission. The control signal must become low (nearly half the voltage) for at least 5ms before the RF appears, for every CW dot or dash. It must last another several milli-seconds after each RF disappearing. In fact, the low-level voltage becomes nearly zero for 1-2ms at each dot beginning, then arises to about half the supply since the relay movement is accelerated by R5-C6 group in the INTERFACE PCB.

b) Check also the *ORC signal in the same way. Find it on JP1:5 of the wattmeter PCB again. This signal monitors whether the relay's "com" contact is closed to the "n.o."; it is low (several mV) when closed and high (about 2V) when open. Similarly to the coil control signal, at least 1ms timing margins must be observed at both dot-ends, in respect to the RF output.

c) Turn to a manual keyer. Pull off the KEY-OUT connector (if used) and short-circuit it in order to enable transceiver regardless the amplifier's control. Key down the transceiver and pull off the KEY-IN connector while transmitting: the amplifier should not switch-over to RX, until RF is present. Stop driving: the amplifier should switch to RX.

Please inform me about the results or contact ACOM again if you need any help or additional technical information.

Like I said, great company (and a great amp.)

73, Dick WC1M

410. 1000MP/2000A QSK timing

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-26 08:27:10 UTC
From: dick.green@valley.net
Topic: 410 Message: 410

I hooked up the dual-trace scope to the 1000MP/2000A tonight and checked out the QSK timing. Here are the results:

1. On Key Down, the MP immediately grounds TX GND (pin 2 on Band Data.)

2. When KEY IN is grounded the ACOM delays 2.5ms, then grounds KEY OUT.

3. When the MP's TX INH (pin 8 on Band Data) is grounded, RF begins after the amount of time programmed in menu item 7-4. However, the MP imposes a minimum delay of 7.5ms (i.e., if 7-4 is set anywhere from 0 to 7ms, the delay is 7.5ms; if 7-4 is set above 7ms, the delay is whatever 7-4 is set to.)

4. On Key Up, RF stops after the delay in 7-4 plus 5ms; TX GND is raised after the delay in 7-4 plus 10ms; the ACOM raises KEY OUT when TX GND is raised.

As you can see, the ACOM delays only 2.5ms, not 5ms. However, with the ACOM's 2.5ms delay plus the MP's minimum 7.5ms delay, the minimum delay between the MP's T/R signal and RF output is 10ms. This should be more than adequate for the vacuum relay to switch, no matter how MP menu item 7-4 is set.

If TX INH is disabled, the delay between TX GND and RF output is as follows:

A. If 7-4 is set from 0-7ms: 10ms

B. If 7-4 is 8 or higher: the programmed delay plus 4ms

It seems to me that the best setting for 7-4 is 5ms, which is the factory default. This will result in a minimum delay of 10ms and should be more than adequate for all modern vacuum relay amps. The old open frame relay amps will require more time.

My conclusion is that even though the ACOM delay is not as long as Vassil said, the relay could not have hotswitched because of the delay imposed by the MP. That leads me to believe that my problem really was caused by a defective relay or by some sort of magnetic field problem or logic problem in the ACOM. With the new Jennings relay in there, time will tell. So far, no T/R faults.

BTW, I saw no RFI-induced problems on the signal lines on any band.

73, Dick WC1M

411. Re: [acom-list] 1000MP/2000A QSK timing

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-26 09:34:11 UTC
From: alsopb
Topic: 410 Message: 411

Dick this is interesting information.

I am still not sure how it determines how long it takes for the T/R relay to close. Per chance, did you look at how long after key closure, the amps RF took to be produced.

The alternate route of keying this is not to have the ACOM key the rig. Instead key the rig and have the rig's T/R signal key the ACOM. This is the usual configuration guys have used for ages. It is what I use here. The timing for this configuration is critical.

By the way, there was one note in the ACOM archives from a German station who had the vacuum relay stick and had to replace it after about 300 hours.

The specs on these relays don't really address RF switching capabilities. They rate the contacts for DC or near DC. It is usual to derate these specs by a huge amount for use at HF. If one does this exercise, one shouldn't be using these relays for more than an amp or so. The TITAN amps (despite all the sequencing and protection circuits) had many reports of failures. In fact, I had bought a spare HC1 just in case. So, I suspect as the ACOM's get more use and their numbers grow, so will the relay failures.

Thanks for the info.

73 de Brian/K3KO

412. Mark V, FT-990, Omni VI - Acom keying

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-26 13:32:25 UTC
From: k5yg@aol.com
Topic: 412 Message: 412

In a message dated 2/26/01 2:28:53 AM Central Standard Time,
dick.green@... writes:

<< I hooked up the dual-trace scope to the 1000MP/2000A tonight and
checked out the QSK timing. Here are the results: >>

Good information - Thank you for sharing it with us --

My 2000A is working flawlessly since the day it arrived last summer. (SN 116).

My Mark V and Omni VI both recently died and are back at the "factory" for
repair!
In the meantime, I starting using a FT-990 yesterday.

I am using the FT990 pin 3/4 remote output (not using the FT990 internal
relay) to key the Acom Amplifier - all appears well -- I have operated SSB &
CW and short bursts of QSK.

I have over 2000 RTTY Q's driving the Acom at legal output with the Omni-VI
--- again no problems to report. The Omni does require the Txin/Txout lines
to be jumpered and the Y output connected to the Acom Tx-in RCA connector.
The Acom Tx out is not used in this case -- The Acom TR switch does get quite
a work out running CW with this configuration as the TR switches between each
dit and dot (full QSK), even though the Omni is not in the QSK mode.

I use the Mark V FT-1000MP Tx relay output connected to the Acom -- I have
never seen any Acom faults with this configuration.

73 de Bill, K5YG

413. Re: 1000MP/2000A QSK timing

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-26 17:06:08 UTC
From: dick.green@valley.net
Topic: 410 Message: 413

Brian,

My interpretation of Vassil's email is that the 2000A uses a fixed delay of 5ms. In other words, it assumes that is how long the vacuum relay takes to close. I measured the actual delay as 2.5ms.

I did measure the time between key closure and RF output from the amp. The minimum delay was 10ms -- 2.5ms for the ACOM's delay and 7.5ms for the MP's minumum delay. That's if the delay programmed into the MP is between 0-7ms. Above 7ms, the 7-4 delay is added to the ACOM's delay.

Aall my RF monitoring was at the amp output. Perhaps I should have monitored the MP output instead, but I assumed that once the relay is closed and the cathode bias is switched, the amp's RF output would follow the input virtually instantaneously -- I probably couldn't measure the interval!

The standard hookup you describe works fine with the MP/ACOM because when the inhibit line isn't used, the MP imposes a minimum delay of 10ms between key down and RF.

Those HC-1 and RJ1A relays are used in all the QSK amps I've seen (except the Alphas with their PIN diodes.) I'm sure you're right that the relays probably aren't up to the job. Also, duty cycle probably isn't up to using QSK in a contest -- you'd probably have to replace the relay in a couple of years!

73, Dick WC1M

--- In acom-list@y..., alsopb <alsopb@g...> wrote:
> Dick this is interesting information.
>
> I am still not sure how it determines how long it takes for the T/R
> relay to close. Per chance, did you look at how long after key
> closure, the amps RF took to be produced.
>
> The alternate route of keying this is not to have the ACOM key the
> rig. Instead key the rig and have the rig's T/R signal key the
ACOM.
> This is the usual configuration guys have used for ages. It is
what I
> use here. The timing for this configuration is critical.
>
> By the way, there was one note in the ACOM archives from a German
> station who had the vacuum relay stick and had to replace it after
> about 300 hours.

>
> The specs on these relays don't really address RF switching
> capabilities. They rate the contacts for DC or near DC. It is
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> to derate these specs by a huge amount for use at HF. If one does
this
> exercise, one shouldn't be using these relays for more than an amp
or
> so. The TITAN amps (despite all the sequencing and protection
> circuits) had many reports of failures. In fact, I had bought a
spare
> HC1 just in case. So, I suspect as the ACOM's get more use and
their
> numbers grow, so will the relay failures.
>
> Thanks for the info.
>
> 73 de Brian/K3KO

414. Re: Mark V, FT-990, Omni VI - Acom keying

Yahoo group: acom-list (1999 — 2009)
Date: 2001-02-26 17:12:36 UTC
From: dick.green@valley.net
Topic: 412 Message: 414

Bill,

The FT-990 T/R sequencing is the worst I've seen. For some unknown reason, this rig delays 7.5ms between key down and grounding the TX GND lead on the Band Data jack. After that, there is only a 2.5ms delay between the TX GND signal and RF output. That's cutting it very close for the ACOM's vacuum relay, with a lot of risk of hotswitching. The trouble with hotswitching is that you can't tell it has been happening until it is too late.

I wouldn't use QSK in this configuration if I were you. Besides, the FT-990 QSK is also among the worst, as revealed by the scope pictures in the original QST review (and I've confirmed them here.) The elements are severely shortened in QSK mode.

Otherwise, I'm quite fond of the 990.

73, Dick WC1M

--- In acom-list@y..., k5yg@a... wrote:
> In a message dated 2/26/01 2:28:53 AM Central Standard Time,
> dick.green@v... writes:
>
> << I hooked up the dual-trace scope to the 1000MP/2000A tonight and
> checked out the QSK timing. Here are the results: >>
>
> Good information - Thank you for sharing it with us --
>
> My 2000A is working flawlessly since the day it arrived last
summer. (SN 116).
>
> My Mark V and Omni VI both recently died and are back at
the "factory" for
> repair!
> In the meantime, I starting using a FT-990 yesterday.
>
> I am using the FT990 pin 3/4 remote output (not using the FT990
internal
> relay) to key the Acom Amplifier - all appears well -- I have
operated SSB &
> CW and short bursts of QSK.
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> I have over 2000 RTTY Q's driving the Acom at legal output with the
Omni-VI
> --- again no problems to report. The Omni does require the
Txin/Txout lines

> to be jumpered and the Y output connected to the Acom Tx-in RCA
connector.
> The Acom Tx out is not used in this case -- The Acom TR switch does
get quite
> a work out running CW with this configuration as the TR switches
between each
> dit and dot (full QSK), even though the Omni is not in the QSK mode.
>
> I use the Mark V FT-1000MP Tx relay output connected to the Acom --
I have
> never seen any Acom faults with this configuration.
>
> 73 de Bill, K5YG

415. "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-03 19:34:44 UTC
From: Dave Hawes
Topic: 415 Message: 415

N3RS just reported to me that he has had an unrecoverable failure of his December, 2000 vintage 2000A:

"Motor voltage too high"

Results in a soft fault each time transmitting is attempted, making the amplifier totally disfunctional.

Has anyone seen this failure?

Is there a "home cure" for it, or does the amp have to go back to Krassy?

Right in the middle of the ARRL SSB, too. Ugh.

Dave N3RD

416. Re: [acom-list] "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 01:22:41 UTC
From: Barry Kutner
Topic: 415 Message: 416

Dave,
The book says to check the line voltage and the voltage selector.
Barry
P.S. At least it's not CW weekend!

On 3 Mar 01, Dave Hawes wrote:

> N3RS just reported to me that he has had an unrecoverable failure
> of his December, 2000 vintage 2000A:
>
> "Motor voltage too high"
>
> Results in a soft fault each time transmitting is attempted, making
> the amplifier totally disfunctional.
>
> Has anyone seen this failure?
>
> Is there a "home cure" for it, or does the amp have to go back to
> Krassy?
>
> Right in the middle of the ARRL SSB, too. Ugh.
>
> Dave N3RD
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

417. Re: [acom-list] "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 00:46:16 UTC
From: Dave Hawes
Topic: 415 Message: 417

Hi Barry. I believe Sig N3RS has already checked into these settings, but I could be wrong. But what would cause that to change? We have been using the amp with these settings for some time now, with no apparent problems....until now.

Could the line voltage setting get changed "on the fly" somehow?

Dave

On 4 Mar 2001, Barry Kutner wrote:

> Dave,
> The book says to check the line voltage and the voltage selector.
> Barry
> P.S. At least it's not CW weekend!
>
> On 3 Mar 01, Dave Hawes wrote:
>
> > N3RS just reported to me that he has had an unrecoverable failure
> > of his December, 2000 vintage 2000A:
> >
> > "Motor voltage too high"
> >
> > Results in a soft fault each time transmitting is attempted, making
> > the amplifier totally disfunctional.
> >
> > Has anyone seen this failure?
> >
> > Is there a "home cure" for it, or does the amp have to go back to
> > Krassy?
> >
> > Right in the middle of the ARRL SSB, too. Ugh.
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> > Dave N3RD
> >
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>
> --
> Barry Kutner, W2UP Internet: w2up@...

> Newtown, PA FRC alternate: barry@...
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418. ACOM Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 11:33:49 UTC
From: Klaus Heintzenberg
Topic: 418 Message: 418

Looking for an ACOM switch owner to talk to offline. I want to learn more about the switch.

73, Klaus (dj6rx@...)

---

419. Antenna switching

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 18:44:46 UTC
From: Brian, N8WRL
Topic: 419 Message: 419

Hi all! Pardon the long message...

My 990 is in the shop so I was hunting band-countries with my FT817 (QRP rig) and the ACOM. All in all it wasn't too bad but I ran into something weird with the antenna switching.

I have five beams covering various bands and I've programmed the 2000A to tune up properly on each of them for the bands they cover (and _only_ the bands they cover).

The 2000A remembers the last antenna in use for each band segment. That's cool except for two situations I ran into:

1. I have two 10-15-20 tribanders. One rotates and the other is fixed on EU. Suppose I was operating on the rotatable beam (Ant #5) to Asia or something for a while. I move to 40m (#3) for a run and see a European I want to work on the cluster. I tune to the spot, switch the antenna to the EU tribander (#4) and give him a call. The 2000A remembers I was last using #5 on this band and switches to that antenna!

It seems like my selection should override the 'memory' if the antenna selected is 'ok' for that band?

2. I've had some trouble getting used to operating split on the 817 so I transmitted on 40m when I meant 20m using one of the tribanders (good thing it was QRP!). Here's the sequence:
Operate split on 40 (ant 3)
Move to 20m - forget to turn off split
Select a tribander (4 or 5)
Xmit again - amp goes back to #3 (that's right but I'm too dumb to notice the split)
I select the tribander _again_ and it 'sticks' this time
Xmit again and notice HI SWR because amp is trying to xmit 40 on a tribander.
I notice the problem and turn off split and stick with the tribander
All is well now
Trouble is, the _next_ time I go back to use 40m (legitimately, this time :)) it selects the _tribander_ as the antenna!

In this case, it seems like the amp should realize I haven't programmed _any_ 40m segments for this antenna and refuse to xmit there? Let alone remember that as the last 40m antenna...

Note I haven't tried any of this by changing the antenna from the amp's control panel - only the 2000S switch controller. Would that make a difference?

Does this make any sense? It will be great when the software becomes available and I can work that into my logging programs.

73!

-Brian N8WRL

[Non-text portions of this message have been removed]

420. Re: [acom-list] Antenna switching

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 19:52:01 UTC
From: alsopb
Topic: 419 Message: 420

Brian,

You have touched on a gripe of mine with the ACOM.

One needs something like an A/B or A/B/C switch to handle different antennas for the same band/segment. I looked into implementing this via the network but he network and control language is such a mess. I was never successful in getting control of the antenna switching in the ACOM via the RS232. I have 3 antennas on some bands and 2 antennas on others. It would seem to be a simple matter to provide the ACOM appropriate voltages from the switching circuitry to have it also follow the antenna changes.

It is interesting that the programmer for the ACOM control program is almost a year behind schedule. I suspect he ran into some of the same communications programming difficulties I did.

I also think 10 antennas per segment is too many. I would rather have more segments -- especially on the 15 and 10 meter bands. My antennas are tuned for the CW band and the SWR changes fast as one goes up. The segments are simply too wide.

I have had no luck at all getting a "hearing" on these items. It seems that the antenna stuff is so embedded in the program that changes are unlikely.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> Hi all! Pardon the long message...
>
> My 990 is in the shop so I was hunting band-countries with my FT817 (QRP rig) and the ACOM. All in all it wasn't too bad but I ran into something weird with the antenna switching.
>
> I have five beams covering various bands and I've programmed the 2000A to tune up properly on each of them for the bands they cover (and _only_ the bands they cover).
>
> The 2000A remembers the last antenna in use for each band segment. That's cool except for two situations I ran into:
>
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>
> It seems like my selection should override the 'memory' if the antenna selected is 'ok' for that band?
>
> 2. I've had some trouble getting used to operating split on the 817 so I transmitted on 40m when I meant 20m using one of the tribanders (good thing it was QRP!). Here's the sequence:
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> Trouble is, the _next_ time I go back to use 40m (legitimately, this time :)) it selects the _tribander_ as the antenna!
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> In this case, it seems like the amp should realize I haven't programmed _any_ 40m segments for this antenna and refuse to xmit there? Let alone remember that as the last 40m antenna...
>
> Note I haven't tried any of this by changing the antenna from the amp's control panel - only the 2000S switch controller. Would that make a difference?
>
> Does this make any sense? It will be great when the software becomes available and I can work that into my logging programs.
>
> 73!
>
> -Brian N8WRL
>
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421. Re: [acom-list] Antenna switching

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-04 20:06:48 UTC
From: Brian, N8WRL
Topic: 419 Message: 421

Hi Brian!

Thanks for the quick reply.

I sent an email today about getting a copy of the technical reference - there are several mentions of it in the docs and I wonder if it has any of the serial comms info. I'd like to take a stab at programming it myself.

I have a couple of goals:

Given knowledge of what bands antennas cover, what masts they're on, and where those 'masts' are pointed (rotor info) selecting a packet spot to work should do these things:

1. Select an antenna that is close in bearing (rotatable vs. fixed, etc.)
2. Turn a beam if necessary (beamwidth data)
3. Tune the rig the spot freq
4. Set any split data (QSX if available)
5. Tell the amp about our choice so it can tune the segment
6. Tell the switch about our choice (probably part of 5)

So far I have 1-3 and part of 4. I was hoping I could get 5,6 with Gerry's software.

-Brian n8wrl

----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 04, 2001 02:52 PM
Subject: Re: [acom-list] Antenna switching

> Brian,
>
> You have touched on a gripe of mine with the ACOM.
>
> One needs something like an A/B or A/B/C switch to handle different
> antennas for the same band/segment. I looked into implementing this
> via the network but he network and control language is such a mess. I
> was never successful in getting control of the antenna switching in
> the ACOM via the RS232. I have 3 antennas on some bands and 2
> antennas on others. It would seem to be a simple matter to provide
> the ACOM appropriate voltages from the switching circuitry to have it
> also follow the antenna changes.
>
> It is interesting that the programmer for the ACOM control program is
> almost a year behind schedule. I suspect he ran into some of the same

> communications programming difficulties I did.
>
> I also think 10 antennas per segment is too many. I would rather have
> more segments -- especially on the 15 and 10 meter bands. My antennas
> are tuned for the CW band and the SWR changes fast as one goes up.
> The segments are simply too wide.
>
> I have had no luck at all getting a "hearing" on these items. It
> seems that the antenna stuff is so embedded in the program that
> changes are unlikely.
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> 73 de Brian/K3KO
>
>
>
> "Brian, N8WRL" wrote:
> >
> > Hi all! Pardon the long message...
> >
> > My 990 is in the shop so I was hunting band-countries with my FT817 (QRP
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weird with the antenna switching.
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> > I have five beams covering various bands and I've programmed the 2000A
to tune up properly on each of them for the bands they cover (and _only_ the
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> > The 2000A remembers the last antenna in use for each band segment.
That's cool except for two situations I ran into:
> >
> > 1. I have two 10-15-20 tribanders. One rotates and the other is fixed on
EU. Suppose I was operating on the rotatable beam (Ant #5) to Asia or
something for a while. I move to 40m (#3) for a run and see a European I
want to work on the cluster. I tune to the spot, switch the antenna to the
EU tribander (#4) and give him a call. The 2000A remembers I was last using
#5 on this band and switches to that antenna!
> >
> > It seems like my selection should override the 'memory' if the antenna
selected is 'ok' for that band?
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> > 2. I've had some trouble getting used to operating split on the 817 so I
transmitted on 40m when I meant 20m using one of the tribanders (good thing
it was QRP!). Here's the sequence:
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> > Move to 20m - forget to turn off split
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> > Xmit again - amp goes back to #3 (that's right but I'm too dumb to
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> > Xmit again and notice HI SWR because amp is trying to xmit 40 on a

tribander.
> > I notice the problem and turn off split and stick with the tribander
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> > Trouble is, the _next_ time I go back to use 40m (legitimately, this
time :)) it selects the _tribander_ as the antenna!
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> > In this case, it seems like the amp should realize I haven't programmed
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> > Note I haven't tried any of this by changing the antenna from the amp's
control panel - only the 2000S switch controller. Would that make a
difference?
> >
> > Does this make any sense? It will be great when the software becomes
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> >
> > 73!
> >
> > -Brian N8WRL
> >
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422. Re: [acom-list] "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-05 05:17:23 UTC
From: Norman Zoltack
Topic: 415 Message: 422

Gee Dave I know the feeling - I didn't have the same problem with my TWO Acom amps but they quit in 4 consecutive major contests!! I got a full refund and have since picked up a "cream puff" Alpha 89 which worked fine this weekend!! 73 de Norm

----- Original Message -----
From: Dave Hawes <n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, March 03, 2001 14:34 Z
Subject: [acom-list] "Motor Voltage Too High"

> N3RS just reported to me that he has had an unrecoverable failure
> of his December, 2000 vintage 2000A:
>
> "Motor voltage too high"
>
> Results in a soft fault each time transmitting is attempted, making
> the amplifier totally disfunctional.
>
> Has anyone seen this failure?
>
> Is there a "home cure" for it, or does the amp have to go back to
> Krassy?
>
> Right in the middle of the ARRL SSB, too. Ugh.
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> Dave N3RD
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423. Re: [acom-list] "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-05 01:16:23 UTC
From: alsopb
Topic: 415 Message: 423

Gee Norman just who are you going to ship your Alpha 89 to when (not if) it dies? The present company who took over Alpha has zero track record in the repairs department.

At least ACOM repairs them quickly.

73 de Brian/K3KO

Norman Zoltack wrote:
>
> Gee Dave I know the feeling - I didn't have the same problem with my TWO
> Acom amps but they quit in 4 consecutive major contests!! I got a full
> refund and have since picked up a "cream puff" Alpha 89 which worked fine
> this weekend!! 73 de Norm
>
> ----- Original Message -----
> From: Dave Hawes <n3rd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, March 03, 2001 14:34 Z
> Subject: [acom-list] "Motor Voltage Too High"
>
> > N3RS just reported to me that he has had an unrecoverable failure
> > of his December, 2000 vintage 2000A:
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> > "Motor voltage too high"
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424. Re: [acom-list] "Motor Voltage Too High"

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-05 01:34:43 UTC
From: Barry Kutner
Topic: 415 Message: 424

Norm,
When you set up the amp, you have to enter YCCC as password
to get it to work on contest weekends :.)
73,
Barry

On 5 Mar 01, Norman Zoltack wrote:

> Gee Dave I know the feeling - I didn't have the same problem with my TWO
> Acom amps but they quit in 4 consecutive major contests!! I got a full
> refund and have since picked up a "cream puff" Alpha 89 which worked fine
> this weekend!! 73 de Norm
>
> ----- Original Message -----
> From: Dave Hawes <n3rd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, March 03, 2001 14:34 Z
> Subject: [acom-list] "Motor Voltage Too High"
>
>
> > N3RS just reported to me that he has had an unrecoverable failure
> > of his December, 2000 vintage 2000A:
> >
> > "Motor voltage too high"
> >
> > Results in a soft fault each time transmitting is attempted, making
> > the amplifier totally disfunctional.
> >
> > Has anyone seen this failure?
> >
> > Is there a "home cure" for it, or does the amp have to go back to
> > Krassy?
> >
> > Right in the middle of the ARRL SSB, too. Ugh.
> >
> > Dave N3RD
> >
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>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

425. A word about ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-05 21:38:21 UTC
From: ea5by@lynxdxg.com
Topic: 425 Message: 425

In my opinion, ACOM has one of the best, if not the best, services I ever seen. Even here in Spain.
Worked all the major contest with my serial number #2, and worked flawlesly.
Keep'on ACOM!
73 de Tony EA5BY
ea5by@...
Lynx DX Bulletin - Publisher

[Non-text portions of this message have been removed]

426. Leaving main power switch on

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-10 06:12:21 UTC
From: dick.green@valley.net
Topic: 426 Message: 426

The 2000A manual advises that after the amp is shutdown from the RCU, the main power switch should be powered off if the amp won't be used for more than about 30 minutes. Following this rule is a little awkward for me, since my amp is on the floor several feet from the operating desk and the power-on LED isn't visible to remind me to shut off the main switch.

Does anyone know what parts of the amp are powered on when the main switch is on? What's the problem with leaving them powered up all the time? It sure would be a lot more convenient if I could just reach over and turn on the amp from the RCU.

BTW, the 87A CPU is powered up all the time so that the amp can be controlled remotely from the RS232 port. When a power-on command is received via RS232 or the front panel, the CPU activates a set of relays to energize the HV board. I would have thought the 2000A did the same thing (at least, that's what it sounds like.) Is the 2000A designed to be operated remotely via RS232 like the 87A? If so, it would be necessary to leave the main power switch on all the time.

Thoughts on this would be appreciated.

73, Dick WC1M

427. RE: [acom-list] Leaving main power switch on

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-10 12:09:14 UTC
From: N2TK
Topic: 426 Message: 427

I hope you don't have to turn off the main power switch. My amp is in the basement. I only turn off the switch when I am going to be out of town for a week or more. I just turn off the amp from the RCU in the shack. Interested in any feedback, like Dick is, on this subject.
Tony

-----Original Message-----
From: dick.green@... [mailto:dick.green@...]
Sent: Saturday, March 10, 2001 1:12 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Leaving main power switch on

The 2000A manual advises that after the amp is shutdown from the RCU, the main power switch should be powered off if the amp won't be used for more than about 30 minutes. Following this rule is a little awkward for me, since my amp is on the floor several feet from the operating desk and the power-on LED isn't visible to remind me to shut off the main switch.

Does anyone know what parts of the amp are powered on when the main switch is on? What's the problem with leaving them powered up all the time? It sure would be a lot more convenient if I could just reach over and turn on the amp from the RCU.

BTW, the 87A CPU is powered up all the time so that the amp can be controlled remotely from the RS232 port. When a power-on command is received via RS232 or the front panel, the CPU activates a set of relays to energize the HV board. I would have thought the 2000A did the same thing (at least, that's what it sounds like.) Is the 2000A designed to be operated remotely via RS232 like the 87A? If so, it would be necessary to leave the main power switch on all the time.

Thoughts on this would be appreciated.

73, Dick WC1M

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428. Re: [acom-list] Leaving main power switch on

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-11 00:14:54 UTC
From: aa1nd@aol.com
Topic: 426 Message: 428

Hi Tony ,
How are you .
Krassy

429. RE: [acom-list] Leaving main power switch on

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-11 02:01:56 UTC
From: Will Angenent
Topic: 426 Message: 429

-----Original Message-----
From: aa1nd@... [mailto:aa1nd@...]
Sent: Saturday, March 10, 2001 4:15 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Leaving main power switch on

Hi Tony ,
How are you .
Krassy

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430. RE: [acom-list] Leaving main power switch on

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-11 23:44:56 UTC
From: N2TK
Topic: 426 Message: 430

Hi Krassy. Doing much better. Will be swinging a golf club shortly. Do you still need help with some contacts? If so, let me know. Will be heading out of town early tomorrow, but will be back on Thursday.

Tnx for asking
Tony

-----Original Message-----
From: aa1nd@... [mailto:aa1nd@...]
Sent: Saturday, March 10, 2001 7:15 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Leaving main power switch on

Hi Tony ,
How are you .
Krassy

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431. Good news on main power switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-12 23:55:53 UTC
From: dick.green@valley.net
Topic: 431 Message: 431

Folks,

Vasco at ACOM sent this reply to my inquiry about leaving the main power switch on all the time:

"There is not a technical problem for 2000A to work all the time with the RCU powered (on duty). The recommendation in the manual is not related to any special regime of the parts inside the amplifier but is a general safety recommendation.

Only the RCU microprocessor system is live at that time and its consumption is less than 0.5 Watts. Also, the LV rectifiers for +/- 12V, +24V, +48V, and -125V are powered, but there is no consumption there until you press the red ON/OFF button on the RCU. The HV transformer primary, High Voltage, Screen Grids Voltage, Motors Voltage, and Heaters Voltage are off.

The CPU (the microprocessor system inside the main unit) is not powered at that time, so you cannot turn ON the amplifier via a command via the serial port. It is necessary to make an additional connection to remotely power ON the CPU. This is described in the technical CD.

On the whole, it is safe for the amplifier to leave the main power switch ON all the time."

Best 73! Vasco, LZ1JK Sofia, 12 March 2001

432. Re: [acom-list] Good news on main power switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-13 00:00:04 UTC
From: Richard Thorne
Topic: 431 Message: 432

Hi:

I leave mine on all the time as I run the amp via remote control I then use a control signal (12V) from my Kachina 505arx rotor control to turn a 12v relay on for about 2 seconds which in turn shorts out a pair of pins on the serial port of the amp which powers it up.

Works very well, along with Gerry's, W1VE, software so I can monitor the amp via PCAnywhere or Radmin.

dick.green@... wrote:

> Folks,
>
> Vasco at ACOM sent this reply to my inquiry about leaving the main
> power switch on all the time:
>
> "There is not a technical problem for 2000A to work all the time with
> the RCU powered (on duty). The recommendation in the manual is not
> related to any special regime of the parts inside the amplifier but
> is a general safety recommendation.
>
> Only the RCU microprocessor system is live at that time and its
> consumption is less than 0.5 Watts. Also, the LV rectifiers for +/-
> 12V, +24V, +48V, and -125V are powered, but there is no consumption
> there until you press the red ON/OFF button on the RCU. The HV
> transformer primary, High Voltage, Screen Grids Voltage, Motors
> Voltage, and Heaters Voltage are off.
>
> The CPU (the microprocessor system inside the main unit) is not
> powered at that time, so you cannot turn ON the amplifier via a
> command via the serial port. It is necessary to make an additional
> connection to remotely power ON the CPU. This is described in the
> technical CD.
>
> On the whole, it is safe for the amplifier to leave the main power
> switch ON all the time."
>
>
> Best 73! Vasco, LZ1JK Sofia, 12 March 2001
>
>
> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@egroups.com
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # 657062
Web Page: http://www.tcac.net/~rthorne/index.html

433. W1VE Software.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-03-14 00:35:53 UTC
From: howk2@hotmail.com
Topic: 433 Message: 433

Have seen recent references to W1VE software. Is it currently
available?

Howard...K2HK

435. Acom Automatic antenna switch and Yaesu FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-01 22:16:19 UTC
From: k2at@home.com
Topic: 435 Message: 435

I can get the auto antenna switch to switch to the right antenna as long as the db9 from the acom 2000s is connected to the acom amp. The problem though in connecting it to the amp is when running barefoot without amp, I must manually change antenna settings. Has anyone figured out how to connect the antenna switch to the Yaesu FT1000D so that the switch reads the frequency off of the Yaesu and then switches to the appropriate antenna. I am hoping that perhaps the Band data switch on the Yaesu might be the answer. Help!!

436. Re: [acom-list] Acom Automatic antenna switch and Yaesu FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-02 00:15:56 UTC
From: Brian, N8WRL
Topic: 435 Message: 436

As I understand it, it is the _amp_ sensing the freq and telling the switch
to change - the switch itself doesn't do that. Come to think of it, that
might
be a neat BASICstamp or PIC project - interface with the band data port
and send the right ant change command to the switch...

-Brian n8wrl

----- Original Message -----
From: <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 01, 2001 06:16 PM
Subject: [acom-list] Acom Automatic antenna switch and Yaesu FT1000D

> I can get the auto antenna switch to switch to the right antenna as
> long as the db9 from the acom 2000s is connected to the acom amp.
> The problem though in connecting it to the amp is when running
> barefoot without amp, I must manually change antenna settings. Has
> anyone figured out how to connect the antenna switch to the Yaesu
> FT1000D so that the switch reads the frequency off of the Yaesu and
> then switches to the appropriate antenna. I am hoping that perhaps
> the Band data switch on the Yaesu might be the answer. Help!!
>
>
>
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>

437. ACOM switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-02 03:53:23 UTC
From: alsopb
Topic: 437 Message: 437

Mel,

Upon reading what you said again, I concluded you have ACOM's ant switch.

It turns out that the ACOM switch uses the same BCD code as the "band data" outputs of many rigs and computer programs.

Perhaps you can directly drive the antenna switch and bypass the amp from the circuit. Then set amp to antenna 1 for all bands. It might be a good idea to isolate your rig from the switch via relays or optoisolators.

Krasy can supply you with the switch info.

I have a copy of it. It shows wiring of the connector which plugs into the back of the switch box and switch. It appears to be a simple matter of connection your external BCD source to pins 4,5,6 and 7 and leaving pin 1 (+24 volts) and pin 3 (ground) connected. You may have to hardwire pin 2 (the READY) signal high to enable it.

73 de Brian/K3KO

438. Re: [acom-list] Acom Automatic antenna switch and Yaesu FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-02 03:54:59 UTC
From: Mel
Topic: 435 Message: 438

U r correct Brian, it is the amp sensing the frequency which requires 100% amp usage. There has to be a better way. mel. K2AT
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Sunday, April 01, 2001 8:15 PM
Subject: Re: [acom-list] Acom Automatic antenna switch and Yaesu FT1000D

As I understand it, it is the _amp_ sensing the freq and telling the switch to change - the switch itself doesn't do that. Come to think of it, that might
be a neat BASICstamp or PIC project - interface with the band data port and send the right ant change command to the switch...

-Brian n8wrl

----- Original Message -----
From: <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 01, 2001 06:16 PM
Subject: [acom-list] Acom Automatic antenna switch and Yaesu FT1000D

> I can get the auto antenna switch to switch to the right antenna as
> long as the db9 from the acom 2000s is connected to the acom amp.
> The problem though in connecting it to the amp is when running
> barefoot without amp, I must manually change antenna settings. Has
> anyone figured out how to connect the antenna switch to the Yaesu
> FT1000D so that the switch reads the frequency off of the Yaesu and
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>
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[Non-text portions of this message have been removed]

439. Re: [acom-list] ACOM switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-02 09:36:39 UTC
From: Mel
Topic: 437 Message: 439

Brian, if u could send me the schematic for the switch, I would be most appreciative. MY 1000d has the band data switch and I would sure love to have the yaesu control the antenna switch. If u don't mind, my fax number is 609-448-7297. I would really appreciate it. Mel.
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Sunday, April 01, 2001 11:53 PM
Subject: [acom-list] ACOM switch

Mel,

Upon reading what you said again, I concluded you have ACOM's ant switch.

It turns out that the ACOM switch uses the same BCD code as the "band data" outputs of many rigs and computer programs.

Perhaps you can directly drive the antenna switch and bypass the amp from the circuit. Then set amp to antenna 1 for all bands. It might be a good idea to isolate your rig from the switch via relays or optoisolators.

Krasy can supply you with the switch info.

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73 de Brian/K3KO

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[Non-text portions of this message have been removed]

440. Website & 2R box?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-29 16:39:29 UTC
From: Brian, N8WRL
Topic: 440 Message: 440

Hi all!

The reflector has been kind of quiet lately...

Three things:

1. Anyone notice what appears to be a DNS snafu? www.hfpower.com
goes to YCCC!

2. I still haven't heard much about this 'SO2R' amp-sharing box I think
ACOM is working on or already has. Haven't seem anything on their
website (back when it actually went to ACOM :). Top-Ten and WX0B
both have SO2R boxes but they don't handle the connection to the amp
or the xmit control lines.

3. And lastly, any news from Gerry on the software?

Thanks and 73!

-Brian n8wrl

PS anyone going to Dayton? Any kind of ACOM gathering planned?

441. Re: [acom-list] Website & 2R box?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-29 17:54:27 UTC
From: Glenn O'Donnell
Topic: 440 Message: 441

> 1. Anyone notice what appears to be a DNS snafu? www.hfpower.com
> goes to YCCC!

Worked for me just a minute ago.

> 2. I still haven't heard much about this 'SO2R' amp-sharing box I think
> ACOM is working on or already has. Haven't seem anything on their
> website (back when it actually went to ACOM :). Top-Ten and WX0B
> both have SO2R boxes but they don't handle the connection to the amp
> or the xmit control lines.

This would be nice. I actually designed one myself and I plan to build it as soon as my travel schedule lightens up at the end of May. If Acom has one in the works, I'd rather buy than build.

> 3. And lastly, any news from Gerry on the software?

I'm interested too. Not that I have the time to fool with it right now, sigh!

BTW: My dilemma with the IC-775 spike problem has been solved (TNX N2TK & K3WW!!). I'll write up the story when time permits.

73 de Glenn K3PP

442. FWD: Re: [acom-list] Website & 2R box?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-29 18:09:29 UTC
From: Jim Idelson
Topic: 442 Message: 442

Sorry, guys. We're managing a few different [related] sites on the same server, and some changes in YCCC had a crazy impact on the acom site. If you have continued trouble getting to the Acom site, try deleting all temporary internet files in your browser. The DNS should be all set.

73,

Jim
---------- Forwarded Message ----------

FROM: "Glenn O'Donnell" <k3pp@...>
TO: <acom-list@yahoogroups.com>
DATE: Sun, 29 Apr 2001 13:54:27 -0400

RE: Re: [acom-list] Website & 2R box?

> 1. Anyone notice what appears to be a DNS snafu? www.hfpower.com
> goes to YCCC!

Worked for me just a minute ago.

> 2. I still haven't heard much about this 'SO2R' amp-sharing box I think
> ACOM is working on or already has. Haven't seem anything on their
> website (back when it actually went to ACOM :). Top-Ten and WX0B
> both have SO2R boxes but they don't handle the connection to the amp
> or the xmit control lines.

This would be nice. I actually designed one myself and I plan to build it as soon as my travel schedule lightens up at the end of May. If Acom has one in the works, I'd rather buy than build.

> 3. And lastly, any news from Gerry on the software?

I'm interested too. Not that I have the time to fool with it right now, sigh!

BTW: My dilemma with the IC-775 spike problem has been solved (TNX N2TK & K3WW!!). I'll write up the story when time permits.

73 de Glenn K3PP

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443. Re: [acom-list] Website & 2R box?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-04-29 18:21:43 UTC
From: Brian, N8WRL
Topic: 440 Message: 443

Hi Glenn!

> This would be nice. I actually designed one myself and I plan to build it
> as soon as my travel schedule lightens up at the end of May. If Acom has
> one in the works, I'd rather buy than build.

I'd sure be interested in what you came up with. Any interest in sharing? :)

> BTW: My dilemma with the IC-775 spike problem has been solved (TNX N2TK &
> K3WW!!). I'll write up the story when time permits.

I had what I thought was a similar problem with my FT100D, but I think now
that is wasn't a spike but a spur - too long to go into, but I think the
100D had
a pretty strong out-of-band spur that confused the amp.

73!

-Brian n8wrl

444. Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-05 21:38:03 UTC
From: Brian, N8WRL
Topic: 444 Message: 444

A while back I posted a question about automatic antenna switching when the amp tunes up as a result of a frequency change.

I'm really hoping I'm doing something wrong, but for the life of me I can't figure out what it is. The amp seems to change the antenna to the most recent one used, regardless of the frequency I'm on. Here's a scenario:

* Operating on 17m which is antenna #1.

* Using the switch or the amp's control panel, change to antenna 5 (tribander). Both the amp and the switch say '5'.

* Tune the radio to a 15m frequency and listen. The amp says antenna 5 but it still has the 17m segment displayed.

* Xmit a dit - the amp tunes to the right 15m segment but the antenna goes back to #1!

I carefully went thru all the antennas, using the auto-tune menu tuning them up for the bands they work on and making sure the antenna numbers are right. I do have two antennas that work on the same bands, so I might expect some confusion if I worked on #4 and then switched to #5 - it makes sense that it would try to go back to 4. But to an antenna it was never tuned for in that band??

I'm getting to the point where I'm thinking about giving up on the auto antenna switching. Either turn off the auto-switching menu or disconnect the switch from the amp and do it manually. Seems a major waste...

Any ideas??

-Brian n8wrl

445. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-05 21:43:10 UTC
From: Brian, N8WRL
Topic: 444 Message: 445

One thought I had after sending this - as I was tuning the antennas I did not turn off the automatic antenna switching - when tuning, the amp would go back to the previous antenna and I had to reset it to the one I was tuning. Once there, tuning went fine. Could that have messed up the memory? I guess I should clear all the settings and tune again to find out...

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Cc: <aa1nd@...>
Sent: Saturday, May 05, 2001 05:38 PM
Subject: [acom-list] Antenna switching problem - continued

> A while back I posted a question about automatic antenna switching when the
> amp tunes up as a result of a frequency change.
>
> I'm really hoping I'm doing something wrong, but for the life of me I can't
> figure out what it is. The amp seems to change the antenna to the most
> recent one used, regardless of the frequency I'm on. Here's a scenario:
>
> * Operating on 17m which is antenna #1.
>
> * Using the switch or the amp's control panel, change to antenna 5
> (tribander). Both the amp and the switch say '5'.
>
> * Tune the radio to a 15m frequency and listen. The amp says antenna 5 but
> it still has the 17m segment displayed.
>
> * Xmit a dit - the amp tunes to the right 15m segment but the antenna goes
> back to #1!
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> I carefully went thru all the antennas, using the auto-tune menu tuning them
> up for the bands they work on and making sure the antenna numbers are right.
> I do have two antennas that work on the same bands, so I might expect some
> confusion if I worked on #4 and then switched to #5 - it makes sense that it
> would try to go back to 4. But to an antenna it was never tuned for in that
> band??
>
> I'm getting to the point where I'm thinking about giving up on the auto

> antenna switching. Either turn off the auto-switching menu or disconnect
the
> switch from the amp and do it manually. Seems a major waste...
>
> Any ideas??
>
> -Brian n8wrl
>
>
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446. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-05 23:47:29 UTC
From: Mel
Topic: 444 Message: 446

Brian, I have a different problem, but just as frustrating. I am using the ft1000D and the acom antenna switch. If I try to connect the DB9 from the auto antenna selector to the DB9 on the acom and I turn on the amp, I get "Microprocessor conflict" and the amp shuts down. Krassy said to get a null modem DB9 cable instead of straight thru cable so I bought a null modem adapter and connected to the cable. Alas, still get microprocessor conflict and amp shuts down. If I use the antenna selector switch manually and remove the DB9 cable, I can operate the antennas manually. However, if I connect the DB9 cable, I get the conflict error message. Any ideas??
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Cc: aa1nd@...
Sent: Saturday, May 05, 2001 5:43 PM
Subject: Re: [acom-list] Antenna switching problem - continued

One thought I had after sending this - as I was tuning the antennas I did not turn off the automatic antenna switching - when tuning, the amp would go back to the previous antenna and I had to reset it to the one I was tuning. Once there, tuning went fine. Could that have messed up the memory? I guess I should clear all the settings and tune again to find out...

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Cc: <aa1nd@...>
Sent: Saturday, May 05, 2001 05:38 PM
Subject: [acom-list] Antenna switching problem - continued

> A while back I posted a question about automatic antenna switching when the
> amp tunes up as a result of a frequency change.
>
> I'm really hoping I'm doing something wrong, but for the life of me I can't
> figure out what it is. The amp seems to change the antenna to the most
> recent one used, regardless of the frequency I'm on. Here's a scenario:
>
> * Operating on 17m which is antenna #1.
>
> * Using the switch or the amp's control panel, change to antenna 5
> (tribander). Both the amp and the switch say '5'.
>
> * Tune the radio to a 15m frequency and listen. The amp says antenna 5 but
> it still has the 17m segment displayed.
>
> * Xmit a dit - the amp tunes to the right 15m segment but the antenna goes

> back to #1!
>
> I carefully went thru all the antennas, using the auto-tune menu tuning
them
> up for the bands they work on and making sure the antenna numbers are
right.
> I do have two antennas that work on the same bands, so I might expect some
> confusion if I worked on #4 and then switched to #5 - it makes sense that
it
> would try to go back to 4. But to an antenna it was never tuned for in
that
> band??
>
> I'm getting to the point where I'm thinking about giving up on the auto
> antenna switching. Either turn off the auto-switching menu or disconnect
the
> switch from the amp and do it manually. Seems a major waste...
>
> Any ideas??
>
> -Brian n8wrl
>
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[Non-text portions of this message have been removed]

447. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 01:04:28 UTC
From: Brian, N8WRL
Topic: 444 Message: 447

HI Mel!

Well that isn't the problem I'm having, but I do have an idea. First, my antenna switch came with the cable that goes to the amp - did yours? Seems like if it didn't, ACOM could get you one. That way there'd be no guessing about what kind ot use.

Second, I notice from the manuals that they amp and the switch form a network of sorts when they're connected - you can create a 'daisy-chain' of serial connections so that they can all communicate. They have an 'address' so one unit can address commands to another. I seem to recall that the amp and its switch had to have 'matching' addresses. The switch address is set via some internal jumper (I think - never changed mine) but the amp's address is set via one of the 'def' menu options. Maybe there is some sort of address conflict?

Does it matter what order you turn things on? If the amp goes on first, what happens when you turn the switch on? Vice-versa? What about some other sort of cabling problem, like a ground loop or something?

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, May 05, 2001 07:47 PM
Subject: Re: [acom-list] Antenna switching problem - continued

> Brian, I have a different problem, but just as frustrating. I am using the ft1000D and the acom antenna switch. If I try to connect the DB9 from the auto antenna selector to the DB9 on the acom and I turn on the amp, I get "Microprocessor conflict" and the amp shuts down. Krassy said to get a null modem DB9 cable instead of straight thru cable so I bought a null modem adapter and connected to the cable. Alas, still get microprocessor conflict and amp shuts down. If I use the antenna selector switch manually and remove the DB9 cable, I can operate the antennas manually. However, if I connect the DB9 cable, I get the conflict error message. Any ideas??
> ----- Original Message -----
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Cc: aa1nd@...
> Sent: Saturday, May 05, 2001 5:43 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> One thought I had after sending this - as I was tuning the antennas I

did
> not turn off the automatic antenna switching - when tuning, the amp
would go
> back to the previous antenna and I had to reset it to the one I was
tuning.
> Once there, tuning went fine. Could that have messed up the memory? I
guess
> I should clear all the settings and tune again to find out...
>
> ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...>
> To: <acom-list@yahoogroups.com>
> Cc: <aa1nd@...>
> Sent: Saturday, May 05, 2001 05:38 PM
> Subject: [acom-list] Antenna switching problem - continued
>
>
> > A while back I posted a question about automatic antenna switching
when
> the
> > amp tunes up as a result of a frequency change.
> >
> > I'm really hoping I'm doing something wrong, but for the life of me I
> can't
> > figure out what it is. The amp seems to change the antenna to the most
> > recent one used, regardless of the frequency I'm on. Here's a
scenario:
> >
> > * Operating on 17m which is antenna #1.
> >
> > * Using the switch or the amp's control panel, change to antenna 5
> > (tribander). Both the amp and the switch say '5'.
> >
> > * Tune the radio to a 15m frequency and listen. The amp says antenna 5
but
> > it still has the 17m segment displayed.
> >
> > * Xmit a dit - the amp tunes to the right 15m segment but the antenna
goes
> > back to #1!
> >
> > I carefully went thru all the antennas, using the auto-tune menu
tuning
> them
> > up for the bands they work on and making sure the antenna numbers are
> right.
> > I do have two antennas that work on the same bands, so I might expect
some
> > confusion if I worked on #4 and then switched to #5 - it makes sense
that

> it
> > would try to go back to 4. But to an antenna it was never tuned for in
> that
> > band??
> >
> > I'm getting to the point where I'm thinking about giving up on the
auto
> > antenna switching. Either turn off the auto-switching menu or
disconnect
> the
> > switch from the amp and do it manually. Seems a major waste...
> >
> > Any ideas??
> >
> > -Brian n8wrl
> >
> >
> >
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>
>

448. [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 03:44:04 UTC
From: k5yg@aol.com
Topic: 444 Message: 448

In a message dated 5/5/01 5:04:59 PM Central Daylight Time, n8wrl@...
writes:

<< I'm getting to the point where I'm thinking about giving up on the auto
antenna switching. Either turn off the auto-switching menu or disconnect the
switch from the amp and do it manually. Seems a major waste... >>

****

****
My ACOM switch has the control wire connected to it, that is all -- The
switch is on the floor in the shack. The switch does change to the memorized
positions for each band, once I transmit on the new band. I head it is best
to try and remember to turn the Antenna Switch Control ON before you power up
the Amplifier.

What I don't like:

1. Having to transmit with Amp ON, to change the switch to a new band
2. The single digit (1-0) display on the Control Unit.
3. Having the power supply inside the Control Unit.-- much heat generated -
4. HUM - The control unit makes more noise than my Mark V Power Supply!
5. Promises of control software being available soon, not kept.

In the meantime, I am using a manually controlled antenna switch made by
I.C.E.

Is there any truth that ACOM is making a new control unit that has an
alphanumeric display?

I heard that Krassy is off working "other projects" and does not even have
time for Dayton this year??

Has anyone used the MP band data to control the ACOM Antenna Switch??

73 de Bill, K5YG

449. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 14:21:45 UTC
From: alsopb
Topic: 444 Message: 449

Hi Bill,

A number of us have kicked around interfacing the antenna switch directly to band data input.

It can be done, I believe. However, it would require that you have one separate antenna per band -- unless you modify the switch unit.

Here's how I think it works. The (A)BCD is sent to a decoder in the unit. The output of the decoder is a single on bit for each of ten outputs.
1 = 160, 2 =80 etc.

You could hook it directly to the BCD of the MP by makeing a breakout box. This box goes between the ACOM switch box and the switch. One needs to break lines 4,5,6 and 7 going to the switch and connect them to the MP A,B,C,D pins on the band data output jack. Connect MP ground to pin 3 of the switch connector. You can test this before hooking up to the MP by just shorting the data pins to ground one at a time. Shorting pin 4 gets you the 160M antenna position, 5 to ground gets you the 80 M antenna position etc.

However, I have been using a HB switch box for years based upon the exact same principles. Originally it was hooked to computer LPT output. I fried several LPT ports (reason unknown). I finally reasoned some kind of transients (Lightning nearby?) was getting into the leads somehow. I isolated the LPT port from the switch box via a 4PST relay which closes when power to the station is on. No failure since and I hope it still is appropriate isolation for the MP band data. Perhaps you would want to build an opto isolator.

The amp is always using antenna 1 in this hookup.

The more usual case might be where one has an antenna or two which operate on multiple bands. Now one has to either rewire the switch unit using diodes to switch the "tribander" relay only when a 1 signal appears on lines 20, 15 or 10. An alternate way would be to build hardware logic which translates the MP BCD data to pseudo BCD data which selects the correct antenna for each band. A BASIC stamp would be an easy way to do this. One might be able to build a diode matrix.

Since I haven't done this with the ACOM switch unit, I don't know for sure it will work. I do use the MP band data to drive the 4028 decoder and a HB switch box. I understand the same decoder in used in the ACOM switch. There is some note in the switch documentation that indicates some switches may have high as an on state. You can figure this out with some clip leads and the breakout box.

I agree something more practical needs to be done with the ACOM amp
and switch box arrangement to reflect what real stations use.

73 & GL de Brian/K3KO

k5yg@... wrote:
>
> In a message dated 5/5/01 5:04:59 PM Central Daylight Time, n8wrl@...
> writes:
>
> << I'm getting to the point where I'm thinking about giving up on the auto
> antenna switching. Either turn off the auto-switching menu or disconnect the
> switch from the amp and do it manually. Seems a major waste... >>
>
> **********
>
> **********
> My ACOM switch has the control wire connected to it, that is all -- The
> switch is on the floor in the shack. The switch does change to the memorized
> positions for each band, once I transmit on the new band. I head it is best
> to try and remember to turn the Antenna Switch Control ON before you power up
> the Amplifier.
>
> What I don't like:
>
> 1. Having to transmit with Amp ON, to change the switch to a new band
> 2. The single digit (1-0) display on the Control Unit.
> 3. Having the power supply inside the Control Unit.-- much heat generated -
> 4. HUM - The control unit makes more noise than my Mark V Power Supply!
> 5. Promises of control software being available soon, not kept.
>
> In the meantime, I am using a manually controlled antenna switch made by
> I.C.E.
>
> Is there any truth that ACOM is making a new control unit that has an
> alphanumeric display?
>
> I heard that Krassy is off working "other projects" and does not even have
> time for Dayton this year??
>
> Has anyone used the MP band data to control the ACOM Antenna Switch??
>
> 73 de Bill, K5YG
>
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450. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 15:22:22 UTC
From: Brian, N8WRL
Topic: 444 Message: 450

HI Bill!

> ...
> My ACOM switch has the control wire connected to it, that is all -- The
> switch is on the floor in the shack. The switch does change to the
memorized
> positions for each band, once I transmit on the new band. I head it is
best
> to try and remember to turn the Antenna Switch Control ON before you power
up
> the Amplifier.

I'm not sure I understand - what else would be connected to the switch (tx-in/out?) I assume you do have multiple antennas to switch...

> What I don't like:
>
> 1. Having to transmit with Amp ON, to change the switch to a new band

K3KO's ideas might help here. I do almost all of my operating with the computer on so I'm thinking about controlling it all from there.

> 2. The single digit (1-0) display on the Control Unit.

The switch has ten positions, so 0-9 makes sense to me. I haven't heard the alpha-display rumor - are you thinking there will be some way to have alpha tags for your antennas instead of just #'s? That would be neat.

> 3. Having the power supply inside the Control Unit.-- much heat
generated -
> 4. HUM - The control unit makes more noise than my Mark V Power Supply!

I agree on both - also, you don't want the control unit is too close to your monitor.

> 5. Promises of control software being available soon, not kept.

I'm guessing there are development complications here. K3KO and I have corresponded about serial interfaces to the ACOM gear and it sounds non-trivial. An update would be welcome, though...

> In the meantime, I am using a manually controlled antenna switch made by
> I.C.E.

Now I'm really confused about your use of the switch on the floor - why is it hooked up at all?

-Brian n8wrl

451. Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 15:28:20 UTC
From: Martin vd Donk
Topic: 451 Message: 451

Hi to All,

Isn't it possible to auto change antenna's with log software for the switch? I'm using Logic 5.3 and this software readout the frequency from my FT1000D. Maybe it can controll the switch?

73,

Martin PA9DX

[Non-text portions of this message have been removed]

452. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 16:21:29 UTC
From: k5yg@aol.com
Topic: 444 Message: 452

Hello,

I just got off the telephone with Krassy. Even though he is very busy on commercial products, he pledges continued first class support for the Amateur Radio community. He does listen to our recommendations and is always looking for ways to improve the ACOM product line.

1. ACOM 2000A Control Software: The are a couple of "bugs" in the control software that must to be solved prior to release.

2. ACOM is working on a new Control Unit for the 2000SW. The new Control Unit is to be used with the 2000SW without the 2000A Amplifier It is not a replacement for the existing 2000S.

3. Regretfully, Krassy will not be able to attend the Dayton Hamvention this year due to high priority business commitments. This is not to be taken as less interest in the Amateur Radio community.

Again, I would like to reiterate that I feel that the ACOM 2000A Linear Amplifier is the best amplifier available today. It looks as good inside as it does on the outside. Both the Amplifier and Switch look like Mil Spec equipment.

I have had my 2000A Linear Amplifier for almost a year now. The big test was in January. when I ran it at 1500 watts out in the ARRL RTTY Roundup. It ran flawlessly and quiet.

73 de Bill, K5YG

453. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 18:04:31 UTC
From: Brian, N8WRL
Topic: 444 Message: 453

Well, now I can't seem to turn automatic antenna switching back ON! Here's what I did.

* Clear all 'usr' settings.
* Set 'auto-antenna switching' to off
* Re-tune all the antennas like this:
Using amp's keypad, switch to the right antenna #
Using amp's keypad, switch to the right segment
Tune rig to the middle of that segment
Press Auto-tune
Apply power until it says its happy
Amp stays at the right antenna and tuning is set.

Then I turned antenna switching back on (kind of annoying you have to turn amp 'off' to get to that menu...') and tried some tests.

Even after cycling the power on the amp, it does not auto-change antennas any more! Whatever antenna is selected, and whatever freq the rig is set to, applying power leaves the antenna in place and the amp tries to xmit. If it happens to be the right antenna, it selects the segment with the 'usr' and all is well. Otherwise, the segment will be 'def' and I may get a fault if the load is terrible.

So maybe I got what I wanted.... :(

Any ideas?

-Brian n8wrl

454. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-06 18:15:29 UTC
From: Brian, N8WRL
Topic: 444 Message: 454

Yet another followup (unless there's more interest this will be the last one - sorry if this is a waste of bandwidth).

It seems it _is_ switching antennas - it seems to have to be 'trained'. If it goes to the wrong antenna, switch it to the right antenna and xmit again. Bop around bands and set the antenna to what you want if it 'guesses' wrong. Repeat for all the segments on a band. After a while of doing this it seemed to be be making the right choices.

I'm still not sure exactly what the logic is.

-Brian n8wrl

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, May 06, 2001 02:04 PM
Subject: Re: [acom-list] Antenna switching problem - continued

> Well, now I can't seem to turn automatic antenna switching back ON! Here's
> what I did.
>
> * Clear all 'usr' settings.
> * Set 'auto-antenna switching' to off
> * Re-tune all the antennas like this:
> Using amp's keypad, switch to the right antenna #
> Using amp's keypad, switch to the right segment
> Tune rig to the middle of that segment
> Press Auto-tune
> Apply power until it says its happy
> Amp stays at the right antenna and tuning is set.
>
> Then I turned antenna switching back on (kind of annoying you have to turn
> amp 'off' to get to that menu...') and tried some tests.
>
> Even after cycling the power on the amp, it does not auto-change antennas
> any more! Whatever antenna is selected, and whatever freq the rig is set
to,
> applying power leaves the antenna in place and the amp tries to xmit. If
it
> happens to be the right antenna, it selects the segment with the 'usr' and
> all is well. Otherwise, the segment will be 'def' and I may get a fault if
> the load is terrible.
>
> So maybe I got what I wanted.... :(
>

> Any ideas?
>
> -Brian n8wrl
>

455. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 12:11:53 UTC
From: Mel
Topic: 451 Message: 455

Cannot help u with your problem, but perhaps u can help me. I have the 1000d and acom antenna selector and switch. When I use the antenna selector manually, I can change to any antenna I wish. But, if I connect the DB9 to the amp and to the acom 2000s, I get a microprocessor conflict and amp shuts down. If I just connect the DB9 to only the back of the amp and not even connect the other db9 to anything, I still get a microprocessor conflict message. This is crazy. What am I not doing. Ur help would be appreciated. Mel.
----- Original Message -----
From: Martin vd Donk
To: acom-list@yahoogroups.com
Sent: Sunday, May 06, 2001 11:28 AM
Subject: [acom-list] Antenna switching problems

Hi to All,

Isn't it possible to auto change antenna's with log software for the switch? I'm using Logic 5.3 and this software readout the frequency from my FT1000D. Maybe it can controll the switch?

73,

Martin PA9DX

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

456. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 12:19:15 UTC
From: Mel
Topic: 444 Message: 456

Brian, it is not a matter of the amp selecting the wrong antenna, but rather if I hook up the DB9's to the amp and switch I get a microprocessor conflict error when I turn the system on. It then proceeds to turn the amp off. This morning I hooked up the DB9 to just the amp and left the other end unconnected and still got a microprocessor error. If I use the 2000s selector manually everything ok. Amp turns on and I can switch to any antenna I wish. Any thoughts before I throw this switch out the window. Mel.
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Sunday, May 06, 2001 2:15 PM
Subject: Re: [acom-list] Antenna switching problem - continued

Yet another followup (unless there's more interest this will be the last one - sorry if this is a waste of bandwidth).

It seems it _is_ switching antennas - it seems to have to be 'trained'. If it goes to the wrong antenna, switch it to the right antenna and xmit again. Bop around bands and set the antenna to what you want if it 'guesses' wrong. Repeat for all the segments on a band. After a while of doing this it seemed to be be making the right choices.

I'm still not sure exactly what the logic is.

-Brian n8wrl

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, May 06, 2001 02:04 PM
Subject: Re: [acom-list] Antenna switching problem - continued

> Well, now I can't seem to turn automatic antenna switching back ON! Here's
> what I did.
>
> * Clear all 'usr' settings.
> * Set 'auto-antenna switching' to off
> * Re-tune all the antennas like this:
> Using amp's keypad, switch to the right antenna #
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> Tune rig to the middle of that segment
> Press Auto-tune
> Apply power until it says its happy
> Amp stays at the right antenna and tuning is set.
>
> Then I turned antenna switching back on (kind of annoying you have to turn
> amp 'off' to get to that menu...') and tried some tests.
>

> Even after cycling the power on the amp, it does not auto-change antennas
> any more! Whatever antenna is selected, and whatever freq the rig is set
to,
> applying power leaves the antenna in place and the amp tries to xmit. If
it
> happens to be the right antenna, it selects the segment with the 'usr' and
> all is well. Otherwise, the segment will be 'def' and I may get a fault if
> the load is terrible.
>
> So maybe I got what I wanted.... :(
>
> Any ideas?
>
> -Brian n8wrl
>

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457. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 12:27:48 UTC
From: Bob Naumann - N5NJ
Topic: 444 Message: 457

It sure sounds like there's something wrong with that cable.

If it's not connected to anything - what else could the problem be ?

Get a real null modem cable - not an adapter.

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 7:19 AM
Subject: Re: [acom-list] Antenna switching problem - continued

> Brian, it is not a matter of the amp selecting the wrong antenna, but
rather if I hook up the DB9's to the amp and switch I get a microprocessor
conflict error when I turn the system on. It then proceeds to turn the amp
off. This morning I hooked up the DB9 to just the amp and left the other
end unconnected and still got a microprocessor error. If I use the 2000s
selector manually everything ok. Amp turns on and I can switch to any
antenna I wish. Any thoughts before I throw this switch out the window.
Mel.
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Sunday, May 06, 2001 2:15 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> Yet another followup (unless there's more interest this will be the last
> one - sorry if this is a waste of bandwidth).
>
> It seems it _is_ switching antennas - it seems to have to be 'trained'.
If
> it goes to the wrong antenna, switch it to the right antenna and xmit
again.
> Bop around bands and set the antenna to what you want if it 'guesses'
wrong.
> Repeat for all the segments on a band. After a while of doing this it
seemed
> to be be making the right choices.
>
> I'm still not sure exactly what the logic is.
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...>
> To: <acom-list@yahoogroups.com>

> Sent: Sunday, May 06, 2001 02:04 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> > Well, now I can't seem to turn automatic antenna switching back ON!
Here's
> > what I did.
> >
> > * Clear all 'usr' settings.
> > * Set 'auto-antenna switching' to off
> > * Re-tune all the antennas like this:
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> > Using amp's keypad, switch to the right segment
> > Tune rig to the middle of that segment
> > Press Auto-tune
> > Apply power until it says its happy
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> >
> > Then I turned antenna switching back on (kind of annoying you have to
turn
> > amp 'off' to get to that menu...') and tried some tests.
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> it
> > happens to be the right antenna, it selects the segment with the 'usr'
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> > all is well. Otherwise, the segment will be 'def' and I may get a
fault if
> > the load is terrible.
> >
> > So maybe I got what I wanted.... :(
> >
> > Any ideas?
> >
> > -Brian n8wrl
> >
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>

458. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 13:24:04 UTC
From: Brian, N8WRL
Topic: 444 Message: 458

That sure sounds like a cable problem to me - a short in the cable? Try another.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 08:19 AM
Subject: Re: [acom-list] Antenna switching problem - continued

> Brian, it is not a matter of the amp selecting the wrong antenna, but rather if I hook up the DB9's to the amp and switch I get a microprocessor conflict error when I turn the system on. It then proceeds to turn the amp off. This morning I hooked up the DB9 to just the amp and left the other end unconnected and still got a microprocessor error. If I use the 2000s selector manually everything ok. Amp turns on and I can switch to any antenna I wish. Any thoughts before I throw this switch out the window.
Mel.
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Sunday, May 06, 2001 2:15 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> Yet another followup (unless there's more interest this will be the last
> one - sorry if this is a waste of bandwidth).
>
> It seems it _is_ switching antennas - it seems to have to be 'trained'.
If
> it goes to the wrong antenna, switch it to the right antenna and xmit
again.
> Bop around bands and set the antenna to what you want if it 'guesses'
wrong.
> Repeat for all the segments on a band. After a while of doing this it
seemed
> to be be making the right choices.
>
> I'm still not sure exactly what the logic is.
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, May 06, 2001 02:04 PM

> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> > Well, now I can't seem to turn automatic antenna switching back ON!
Here's
> > what I did.
> >
> > * Clear all 'usr' settings.
> > * Set 'auto-antenna switching' to off
> > * Re-tune all the antennas like this:
> > Using amp's keypad, switch to the right antenna #
> > Using amp's keypad, switch to the right segment
> > Tune rig to the middle of that segment
> > Press Auto-tune
> > Apply power until it says its happy
> > Amp stays at the right antenna and tuning is set.
> >
> > Then I turned antenna switching back on (kind of annoying you have to
turn
> > amp 'off' to get to that menu...') and tried some tests.
> >
> > Even after cycling the power on the amp, it does not auto-change
antennas
> > any more! Whatever antenna is selected, and whatever freq the rig is
set
> to,
> > applying power leaves the antenna in place and the amp tries to xmit.
If
> it
> > happens to be the right antenna, it selects the segment with the 'usr'
and
> > all is well. Otherwise, the segment will be 'def' and I may get a
fault if
> > the load is terrible.
> >
> > So maybe I got what I wanted.... :(
> >
> > Any ideas?
> >
> > -Brian n8wrl
> >
>
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

459. Re: From ACOM -Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 19:07:40 UTC
From: aa1nd@aol.com
Topic: 459 Message: 459

Dear Brian,

Here is a detailed instruction about the sequence of powering ON/OFF the selector and the amplifier. Obey rules 5(a)...5(d) below when using the amplifier plus antenna selector. Rules 5(e)...5(f) are about how to define which antenna to be used for different bands.

Before proceeding with instructions below, please check the following:

1. Always use to apply mains power to the antenna selector the first and to switch it off the last.

2. Check whether the "AUTO ANTENNA CHANGE" option is ON. See p.6 below.

3. Check the installation of the RS232 serial interface cable between the antenna selector and the amplifier. This cable must be a "null modem" type with two DB9F connectors (female 9-pin, with pins 2 and 3 cross-connected). It must be connected between antenna selector's connector marked "AMP" and amplifier's connector marked "RS232 INTERFACE". See pages 7-8 of the selector's Operating Manual for details.

4. Check the slide switch located on the rear panel of the antenna selector. Move it several times left-right in order to improve its contacts, then set it to point to the "AMP" (where the interface cable connects to the amplifier).
---

5. When you begin working:

a) all antennas are grounded when the selector is OFF. To use any antenna you must turn ON the antenna selector - see (b).

Never turn ON the amplifier before the antenna selector. If you have missed this, the automatic antenna change might be confused. Anyway, if you missed, or note any improper control, just move the slide switch (located on the rear panel of the antenna selector), then return the slide switch to the amplifier's DB9 control connector and wait about 5 seconds. This will correct the control at any time.

b) turn ON the antenna selector - number "1" must begin blinking on its LED indicator. In this state you may use the transceiver barefoot (with amplifier off). Only manual antenna change is possible in this situation (from UP and DOWN buttons of the selector). To use automatic antenna change you must turn ON the amplifier - see (c);

c) turn ON the amplifier and wait 150 seconds. Please don't change antennas while the amplifier is warming-up. You may still use the transceiver barefoot during this period;

d) when the amplifier is ready (after a CW "R"), the number "1" must freeze (stop blinking) on the selector LED indicator. Now go to OPERATE from OPR/STB button on the RCU;

e) select the working frequency from the transceiver (for instance 14050kHz). Make a short transmission: the amplifier will change as needed the band-switch and capacitors settings automatically; The indication on RCU LCD must correspond to the transmitted frequency. The antenna number will be nr.1 if you have never changed it before (or it will change to the number that you have used last time for this frequency segment).

f) select the needed antenna number manually. The number must correspond to the RF output connector of the remote antenna switch. An antenna with good VSWR for this frequency must be connected there.

NOTE:
====
Antenna nr.1 is implied by default for all bands and segments. Using a new frequency segment FOR FIRST TIME, you have to first select the needed antenna MANUALLY if the number is different. In other words, you need to "teach" the amplifier about your band/segment/antenna allocation.

You may use one of the following two ways to select the antenna number:

- from the antenna selector: press UP or DOWN buttons, until needed number appears on the LED indicator; For instance: if currently displayed antenna is nr.1 but you need antenna nr.3: press the upper button twice.

Please note that if you press the button rarely (with 1s or longer pauses), the antenna nr.2 will be first selected for a moment, and then antenna nr.3. If you make two quick clicks, the antenna nr.#3 will be selected directly, without intermediate selecting nr.2. If you need a change from nr.8 to nr.5, press the bottom button 3 times quickly: numbers 7 and 6 will be omited and the selector will jump directly to nr.5.

- you may use the RCU to select antenna numbers if it is more suitable for you: it will be the same as from selector's buttons. Press the left- or right- arrow buttons to decrease or increase the antenna number, then press ENT to select.

Once an antenna has been set for any frequency segment, it is memorized in the nonvolatile memory of the amplifier. Same antenna number must be automatically recalled each time when you return transmitting on any frequency within the same segment.

NOTE:
====
Within each band there are several frequency segments foreseen. You can set different or equal antennas to be memorized for each segment. This means however that you have to "teach" the amplifier for ALL segments, even when they are same for the whole band.

If you set an antenna number for one segment only, it does not become valid for the whole band, but only for the currently used segment. You would have

to set needed antenna for each frequency segment you intend to use within a band.

For instance: if currently displayed antenna is "A1", but you need antenna nr.3, press the right-arrow button. The antenna number on the RCU will change to "a2" (but it is still not actuated). Please note that the capital letter "A" has changed to "a". This means that the command is not yet finished. Press the right-arrow button again: the indication will change to "a3". Now, press the ENT button: the indication will change to capitals - "A3", and the antenna nr.3 will be executed. This must be reflected on both RCU and antenna selector indicators.

g) Make AUTO-TUNE of the amplifier for the selected frequency/antenna combination. This does not concern antenna number memory but its impedance matching. If the indication near the "A3" was "DEF", it will change to "USR" now. If it was "USR", it remains "USR" again (but with new tuning settins). You can refresh antenna impedance matching at any time later.

h) Note the frequency segment as indicated on the RCU (for instance 14000-14100). Select a new frequency on the transceiver, near the center of the next segment (i.e.14150kHz). Repeat steps (f) and (g). Then repeat for 14250kHz and 14325kHz, in order to cover the whole 20m band from 14000 to 14350kHz.

Topics (e)...(h) are discussed again in p.8 below.

i) Repeat steps (e)...(h), for all bands, and all segments inside bands, for all antennas available.

Please note that you have the possibility to use different antennas for different frequency segments in same band. For instance: you may select antenna nr.5 to be used in the segments 3500-3550, 3550-3600, 3600-3650kHz; and antenna nr.6 to be used in 3650-3700, 3700-3750, and 3750-3800kHz. When you transmit later between 3500 and 3650kHz, ant.nr.5 will be selected automatically. Antenna nr.6 will be selected if you transmit between 3650 and 3800kHz.

Note that you can also use same antenna for different bands (suitable for a multi-bander antenna). For instance, antenna nr.3 may be programmed for 20, 15, and 10 meters (or only for a part of any band, or any other combination that would be useful for you).

j) When you intend to finish working, first turn OFF the amplifier. You may use the transceiver now, changing antennas manually (this mode seems to be not suitable for Frank). At this point, you can turn off the transceiver and the selector to finish, or you can turn ON the amplifier again to continue working, if you change your mind.

If you turn ON the amplifier again (now, or next day, or week), all antenna numbers (and the corresponding tuning settings for the amplifier) will be automatically selected with frequency change to those you have used the last time. When you transmit on a new frequency (in OPERATE), the last used

antenna on this frequency segment will be retrieved from the amplifier's nonvolatile memory, and will be selected automatically (as well as amplifier tuning settings). If you make a manual change, this would be memorized as a "last used" antenna for currently used band.

6. This part is about how to check the function selections of the amplifier (if any fuunction does not work as described above). In order to communicate with the selector, the amplifier's address must be selected to "01" and the "AUTO ANTENNA CHANGE" function must be enabled.

Plese check the default selections as described below:

a) Turn ON the mains power switch on the fron panel of the amplifier. The RCU will be only active (with a dark LCD back-lighting). Do not turn ON the red button on the RCU for now. This state is called to be the amplifier's OFF-menu.

Press the ENT button. You will reach the following six sub-menus in OFF state:

HELP [INFO] CLR
CALL LOCK DEF

b) Move the rectangle brackets "[...]" using bottom-arrow button, and then right-arrow button. This will select first [LOCK], then the [DEF] sub-menu between brackets. Now press ENT button again to activate the [DEF] sub-menu.

c) Here you can select step-by-step the following default settings: Mains voltage, Self address, and Auto Antenna Change.

- press ENT - the first default will be displayed:

MAINS VOLTAGE
LOW [NORMAL] HIGH

This setting is not concerned to the antenna selection. Nevertheless, you must go through it.
If [NORMAL] is located in brackets, press ESC to continue. This will not change the NORMAL selection.
(If your mains voltage is normally -5% lower or +5% higher than the selected nominal, you may select [LOW] or [HIGH] at this point, before proceeding. Use left or right arrow buttons to move through selections horizontally, then press ENT to confirm the selection. This may improve amplifier efficiency).

- After pressing either ESC or ENT, the second default selection will appear:

SELF ADDRESS: 01

If the number is "01", press ESC to continue without a change. If there is a different number there, use the left or right arrow buttons to decrease or increase the address number to 01, then press ENT to accept the selection.

- Pressing ESC or ENT will proceed to the last default selection:

AUTO ANTENNA CHANGE
[ON] OFF

If [ON] is selected, press ESC: this will not change the selection. If it is "OFF", use either left or right buttons to select [ON], then press ENT to confirm selection. This will finish the procedure. Now turn ON first the selector, then the amplifier and retry the procedure described above in (1).

This is an instruction how to verify antenna selection:

7. Check whether manual change is possible from the antenna selector, as well as from the RCU of the amplifier:

a) Press the upper button on the selector: antenna number on the selector LED indicator must be increased by 1. Compare if the same number is indicated on the LCD indicator on the RCU.

b) Press the right arrow button on the RCU: antenna number on the LCD indicator on the RCU must be increased by 1 (but with a small letter "a"). Press ENT to confirm selection: the letter "a" must change to capitals "A" and the new antenna must be selected. Compare if the same number is indicated on the LED indicator of the selector.

8. This and the next paragraphs are about the way of programming antenna-to-band correspondence. It describes same issues as (5.e)...(5.h) above in more details.

You have to select manually the needed antenna number when you use a frequency segment for first time (for instance A3 at 14050kHz). The number you select is memorized in the nonvolatile memory of the amplifier. This antenna number will be automatically recalled each time when you transmit on any frequency within the same segment (for instance if you transmit on 14023, or 14099kHz, or any frequency between 14000 and 14100kHz, the antenna nr.3 will be selected automaitcally).

Antenna selection will be the same until you change the antenna number manually again. If you change the antenna manually (while the same segment is active), the new antenna number will be memorized and reproduced in future when you work bettween 14000 and 14100kHz. If you however work higher (for example on 14110kHz), another antenna may be selected. For instance, it might be A1 if you have not pre-programmed the next segment, or it may be A7 if you have used it last time between 14100 and 14200kHz.

You can easily change the memorized antenna number at any time you wish. It's enough to select A3 manually while working on 14110kHz. This will memorize antenna nr.3 for future use also between 14100 and 14200kHz.

9. Please note that within each band there are several frequency segments in the amplifier.

Example: the 80m band is divided in 6 segments by 50kHz each, namely:

3500-3550
3550-3600
3600-3650
3650-3700
3700-3750
3750-3800kHz.

This makes possible to use a single, or several different antennas (if they are narrow-band, or differently directed) over the entire band. Each segment may be pre-programmed with same or with different antennas, as you need. An additional benefit is that not only the antenna, but also the amplifier tuning settings will be automatically changed with frequency within same band.

Please note that if you have pre-programmed only one segment in the band, it will not be valid for the whole band, but only for the segment where you changed. Antenna nr.1 is selected by default for any segment that has never been programmed.

Example:

a) With a new amplifier (or after a memory erase procedure), all antennas are set to nr.1. In the example for 80m:

3500-3550 - A1
3550-3600 - A1
3600-3650 - A1
3650-3700 - A1
3700-3750 - A1
3750-3800 - A1

b) If you work on 3612kHz and select antenna nr.2 manually, the memory will be changed as follows:

3500-3550 - A1
3550-3600 - A1
3600-3650 - A2 (you work here)
3650-3700 - A1
3700-3750 - A1
3750-3800 - A1

c) If you change the frequency to 3675kHz, antenna nr.1 will be automatically selected by default. If you wish to program the entire 80m band with antenna nr.2, please do the following:

- go to 3525kHz and select antenna nr.2 manually; make auto-tune;
- go to 3575kHz and select antenna nr.2 manually; make auto-tune;
- go to 3625kHz and select antenna nr.2 manually; make auto-tune;
- go to 3675kHz and select antenna nr.2 manually; make auto-tune;
- go to 3725kHz and select antenna nr.2 manually; make auto-tune;
- go to 3775kHz and select antenna nr.2 manually; make auto-tune;

Now antenna nr.2 will be automatically selected for any freqyency within the 80m band.

If you wish to use antenna nr.6 for the whole 15m band:

- go to 21075kHz and select antenna nr.6 manually; make auto-tune;
- go to 21225kHz and select antenna nr.6 manually; make auto-tune;
- go to 21375kHz and select antenna nr.6 manually; make auto-tune;

Please note that the frequency segments have smaller width for lower bands and are wider for higher bands. For instance, the segments are 6x50kHz for 80m and 3x150kHz for 15m. It is recommended to use a frequency close to the center of the segments when you make auto-tune for first time.

10. Note that antennas do not change automatically in STANDBY or when the amplifier is OFF.

a) When the amplifier is not powered (if you use the transceiver without the amplifier), turn ON the selector. Antenna nr.1 will be selected by default in this state. Antenna number will blink until you make a manual selection. You can change anennas manually only from antenna selector UP/DOWN buttons. These changes will be not memorized until the amplifier is not powered.

b) When you turn ON the amplifier later, please do not change the antenna until the 150 seconds count-down ends. After the amplifier is ready ("R" in CW), it will automatically select the last frequency segment and the antenna number that you was using immediately before switching it OFF.

c) In STANDBY of the amplifier you can change antennas manually from antenna selector or RCU.

Be careful about manual changes with powered amplifier: they are memorized in the amplifier's nonvolatile memory. In other words, they are equivalent to a new programming and will change your previous frequency-to-antenna correspondence table.

d) In OPERATE, after a short transmission on a new frequency segment, the antennas (as well as amplifier's band switch and tuning settings) will be changed automaticallly per your table.

Please send me a more detailed information about any item if the amplifier or the antenna selector does not work as expected.

During OFF you can change anennas manually from antenna selector UP/DOWN buttons. When the amplifier is turned ON later, it will select the last used frequency segment and antenna automatically (after the warm-up period).

During STANDBY you can change antennas manually from antenna selector or RCU. These changes however are memorized in the amplifier's nonvolatile memory as well.

Please inform me if you still have any problem, especially the second five check points. It would be a pleasure to do our best for you.

Best 73! Krassy
ACOM International , Inc. 7 May 2000.

460. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 19:16:45 UTC
From: aa1nd@aol.com
Topic: 451 Message: 460

Hi ,
This cable must be a "null modem" type
with two DB9F connectors (female 9-pin, with pins 2 and 3 cross-connected).
Krassy

461. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 21:59:25 UTC
From: Brian, N8WRL
Topic: 451 Message: 461

A cable came with my switch and it works fine. Are others trying to use something else?

-Brian n8wrl

----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 03:16 PM
Subject: Re: [acom-list] Antenna switching problems

> Hi ,
> This cable must be a "null modem" type
> with two DB9F connectors (female 9-pin, with pins 2 and 3 cross-connected).
> Krassy
>
> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@egroups.com
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>
>

462. re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 22:34:23 UTC
From: Jim Idelson
Topic: 462 Message: 462

Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.

73,

Jim K1IR

> A cable came with my switch and it works fine. Are others trying to use
something else?

-Brian n8wrl

----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 03:16 PM
Subject: Re: [acom-list] Antenna switching problems

> Hi ,
> This cable must be a "null modem" type
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> Krassy
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> To unsubscribe, send an empty message to:
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463. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 22:23:53 UTC
From: Mel
Topic: 451 Message: 463

Krassy, I did get a null modem converter which I attached to my straight DB9 cable, therefore making it a null modem cable. It switches pins 2 and 3. My problem is that if I plug the db9 cable I bought into the amp and leave the other end of the cable not attached to anything, the amp still says microprocessor conflict. I then took the null modem adapter and plugged it into the amp and same problem. I then took another db9 cable and plugged it into the amp and left the other end of cable unattached to anything with the same negative results. As it stands now, u cannot plug anything into the amp db9 socket without getting a microprocessor conflict message. Remember, this is happening without connecting the other end of the cable to anything. Mel
----- Original Message -----
From: aa1nd@...
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 3:16 PM
Subject: Re: [acom-list] Antenna switching problems

Hi ,
This cable must be a "null modem" type
with two DB9F connectors (female 9-pin, with pins 2 and 3 cross-connected).
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[Non-text portions of this message have been removed]

464. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 22:32:29 UTC
From: Mel
Topic: 444 Message: 464

Bob, if I knew a null modem cable was the answer I would get it. right now I bought the straight cable for $15. and adapter for $6 to no avail. The amp just won't let u plug anything into it. Mel.
----- Original Message -----
From: Bob Naumann - N5NJ
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 8:27 AM
Subject: Re: [acom-list] Antenna switching problem - continued

It sure sounds like there's something wrong with that cable.

If it's not connected to anything - what else could the problem be ?

Get a real null modem cable - not an adapter.

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 7:19 AM
Subject: Re: [acom-list] Antenna switching problem - continued

> Brian, it is not a matter of the amp selecting the wrong antenna, but rather if I hook up the DB9's to the amp and switch I get a microprocessor conflict error when I turn the system on. It then proceeds to turn the amp off. This morning I hooked up the DB9 to just the amp and left the other end unconnected and still got a microprocessor error. If I use the 2000s selector manually everything ok. Amp turns on and I can switch to any antenna I wish. Any thoughts before I throw this switch out the window. Mel.
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Sunday, May 06, 2001 2:15 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
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> Yet another followup (unless there's more interest this will be the last
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> it goes to the wrong antenna, switch it to the right antenna and xmit again.
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> Repeat for all the segments on a band. After a while of doing this it seemed

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> I'm still not sure exactly what the logic is.
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> -Brian n8wrl
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> ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, May 06, 2001 02:04 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
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> > Well, now I can't seem to turn automatic antenna switching back ON!
Here's
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> > * Set 'auto-antenna switching' to off
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> > Using amp's keypad, switch to the right antenna #
> > Using amp's keypad, switch to the right segment
> > Tune rig to the middle of that segment
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> >
> > So maybe I got what I wanted.... :(
> >
> > Any ideas?
> >
> > -Brian n8wrl

> >
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> [Non-text portions of this message have been removed]
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> To unsubscribe, send an empty message to:
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Yahoo! Groups Sponsor

To unsubscribe, send an empty message to:

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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

465. Re: [acom-list] Antenna switching problem - continued

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 22:29:41 UTC
From: Mel
Topic: 444 Message: 465

Tried 4 different cables and the null modem separately. No luck.
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 9:24 AM
Subject: Re: [acom-list] Antenna switching problem - continued

That sure sounds like a cable problem to me - a short in the cable? Try another.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 08:19 AM
Subject: Re: [acom-list] Antenna switching problem - continued

> Brian, it is not a matter of the amp selecting the wrong antenna, but rather if I hook up the DB9's to the amp and switch I get a microprocessor conflict error when I turn the system on. It then proceeds to turn the amp off. This morning I hooked up the DB9 to just the amp and left the other end unconnected and still got a microprocessor error. If I use the 2000s selector manually everything ok. Amp turns on and I can switch to any antenna I wish. Any thoughts before I throw this switch out the window.
Mel.
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Sunday, May 06, 2001 2:15 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> Yet another followup (unless there's more interest this will be the last
> one - sorry if this is a waste of bandwidth).
>
> It seems it _is_ switching antennas - it seems to have to be 'trained'.
If
> it goes to the wrong antenna, switch it to the right antenna and xmit
again.
> Bop around bands and set the antenna to what you want if it 'guesses'
wrong.
> Repeat for all the segments on a band. After a while of doing this it
seemed
> to be be making the right choices.
>
> I'm still not sure exactly what the logic is.

>
> -Brian n8wrl
>
> ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, May 06, 2001 02:04 PM
> Subject: Re: [acom-list] Antenna switching problem - continued
>
>
> > Well, now I can't seem to turn automatic antenna switching back ON!
Here's
> > what I did.
> >
> > * Clear all 'usr' settings.
> > * Set 'auto-antenna switching' to off
> > * Re-tune all the antennas like this:
> > Using amp's keypad, switch to the right antenna #
> > Using amp's keypad, switch to the right segment
> > Tune rig to the middle of that segment
> > Press Auto-tune
> > Apply power until it says its happy
> > Amp stays at the right antenna and tuning is set.
> >
> > Then I turned antenna switching back on (kind of annoying you have to
turn
> > amp 'off' to get to that menu...') and tried some tests.
> >
> > Even after cycling the power on the amp, it does not auto-change
antennas
> > any more! Whatever antenna is selected, and whatever freq the rig is
set
> to,
> > applying power leaves the antenna in place and the amp tries to xmit.
If
> it
> > happens to be the right antenna, it selects the segment with the 'usr'
and
> > all is well. Otherwise, the segment will be 'def' and I may get a
fault if
> > the load is terrible.
> >
> > So maybe I got what I wanted.... :(
> >
> > Any ideas?
> >
> > -Brian n8wrl
> >
>
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[Non-text portions of this message have been removed]

466. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 16:28:20 UTC
From: Mel
Topic: 462 Message: 466

Tnx Jim, I will try anything at this point. Not to disprove u, but with the other end of the cable not connected to anything why should it require cutting the xtra lines.
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 6:34 PM
Subject: re[2]: [acom-list] Antenna switching problems

Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.

73,

Jim K1IR

> A cable came with my switch and it works fine. Are others trying to use
something else?

-Brian n8wrl

----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 03:16 PM
Subject: Re: [acom-list] Antenna switching problems

> Hi ,
> This cable must be a "null modem" type
> with two DB9F connectors (female 9-pin, with pins 2 and 3
cross-connected).
> Krassy
>
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[Non-text portions of this message have been removed]

467. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 17:52:32 UTC
From: Bob Naumann - N5NJ
Topic: 462 Message: 467

Mel,

Unless some of the individual wires are shorted together in the cable,
whether or not it is plugged in should make no difference.

It seems obvious from this perspective that the cable is shorted between one
or more pins.

73,
Bob
----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 11:28 AM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require
cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
>
> Ok, everybody. I think I know the issue here. It seems that null modem
cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
connected on the DB9. There are some other pins in use on the 2000S DB9 and
a standard commercial cable may connect these pins "straight through",
causing problems for the switch controller. So, either use the cable that
comes with the unit or make up a very simple copy according to the
description in the manual. I didn't check this with Krassy, but it may be
the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to
use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----

> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
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> > Krassy
> >
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468. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 18:22:26 UTC
From: Brian, N8WRL
Topic: 462 Message: 468

Hi Mel!

Did your switch come with a cable? Mine did and it works fine.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 12:28 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require
cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
>
> Ok, everybody. I think I know the issue here. It seems that null modem
cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
connected on the DB9. There are some other pins in use on the 2000S DB9 and
a standard commercial cable may connect these pins "straight through",
causing problems for the switch controller. So, either use the cable that
comes with the unit or make up a very simple copy according to the
description in the manual. I didn't check this with Krassy, but it may be
the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to
use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems

>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
> >
> > To unsubscribe, send an empty message to:
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>

469. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 18:59:38 UTC
From: Mel
Topic: 462 Message: 469

I agree Bob., but I used just the null modem adapter alone which is a one piece apparatus. No luck. I think I have to reset the microprocessor. If that is not it, ????? Mel
----- Original Message -----
From: Bob Naumann - N5NJ
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 1:52 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

Mel,

Unless some of the individual wires are shorted together in the cable,
whether or not it is plugged in should make no difference.

It seems obvious from this perspective that the cable is shorted between one
or more pins.

73,
Bob
----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 11:28 AM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require
cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
>
> Ok, everybody. I think I know the issue here. It seems that null modem
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causing problems for the switch controller. So, either use the cable that
comes with the unit or make up a very simple copy according to the
description in the manual. I didn't check this with Krassy, but it may be
the answer.
>
> 73,
>
> Jim K1IR

>
> > A cable came with my switch and it works fine. Are others trying to
use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
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> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
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470. Cabling it right

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 19:45:45 UTC
From: Jim Idelson
Topic: 470 Message: 470

Here is some information that might be useful. First a link to the different wiring options for standard "null modem" cables:

http://www.blackbox.nl/techweb/cables/nullmod.htm

Note that pins 1 and 6 are shorted together in configuration IV, and pins 1,4,and 6 and pins 7 and 8 are shorted together in configuration V.

Second, a detailed review of the Acom 2000 schematics shows that the RS232 connector is used to pass some non-standard signals from the amp CPU board to the outside world. In fact, pins 1 through 9 of the RS232 connector are all populated with signals. Although the Acom 2000S does not use all of these signals, they are present on the amp connector - and they cannot be shorted to anything.

The effect of plugging either of the two standard null modem cable configurations into the amp RS232 port is to short some of these pins. This will confuse the amp, regardless of whether or not the other end is connected to something. I think you will find that this is the cause of these cabling difficulties. You will need to make up a cable that is wired as follows:
Amp Controller
2<----------------->3
3<----------------->2
5<----------------->5

Hope this is the right solution!

73,

Jim K1IR

> Tnx Jim, I will try anything at this point. Not to disprove u, but with the other end of the cable not connected to anything why should it require cutting the xtra lines.
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 6:34 PM
Subject: re[2]: [acom-list] Antenna switching problems

Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.

73,

Jim K1IR

> A cable came with my switch and it works fine. Are others trying to use
something else?

-Brian n8wrl

----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 03:16 PM
Subject: Re: [acom-list] Antenna switching problems

> Hi ,
> This cable must be a "null modem" type
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> Krassy
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Jim

The Information Resource for Conferencing Professionals

James S. Idelson
President
DesigNET International, Inc.
96 Morse Road
Sudbury, Massachusetts USA 01776

email jimi@designet.com
web http://www.designet.com
tel 978.443.5549
fax 978.443.2034

471. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:14:12 UTC
From: dick.green@valley.net
Topic: 462 Message: 471

Several comments on the recent switching thread:

1. Jim, K1IR, is correct -- not all null modem cables are created equal. Use only the cable supplied with the ACOM 2000S. Do not use a commercial null modem cable or adapter -- there are many schemes for wiring them and many could be incompatible with the ACOM. If you need a longer cable, you can add a standard male-female straight cable in series with the ACOM cable.

2. The lengthy response from Krassy once again convinces me that ACOM is one heck of a great service company.

3. However, on the switch itself, I'm afraid my opinion is that an amplifier-driven switch is not the correct design for a modern amateur station, especially a contest station. I found that out the hard way, with the expensive DAS controller option for the Alpha 87A. It now sits useless on a shelf.

The most significant problem is that neither the DAS nor the ACOM 2000S allow for automatically switching antennas when the amp is off (although the DAS has front panel switches that let you do it manually.) The second most significant problem is that the antenna does not automatically switch until you transmit on a different band, so the antenna won't change when you change your receive frequency at the rig. You have to hit a switch sequence on the RCU or DAS to do that. The only way around these limitations is to use the ACOM software (is it available yet?), but that requires operating with the computer and amp on.

I much prefer to use an aftermarket setup like the TopTen decoder and switches. With such a setup, the rig controls the antenna and stub selection, regardless of whether the amp and computer are on. I suppose the biggest drawback is that the Kenwood line does not have a band information output like the Yaesu and ICOM rigs, but there's a way around that if you drive the rig and decoder from your computer.

The only rub is that a manual switch box is needed to select among multiple antennas on the same band. The one advantage I see with the ACOM setup is that you can use the RCU to select between multiple antennas on the same band, and both the correct antenna and amp tuning parameters are selected automatically. The original Alpha 87A and DAS were not able to do this -- you could only assign one antenna and set of tuning parameters for each band segment. However, the AlphaMax autotune upgrade causes the amp to quickly retune itself if you switch to an antenna other than the default for that band. In this case you still need an external switch to select between

different antennas on the same band. It's a tossup which is faster -- hitting several keystrokes on the RCU or waiting for the 87A to autotune.

Both the ACOM and Alpha designs are quite acceptable under heavy contesting conditions. The ACOM has the advantage of no delay while the amp autotunes itself, while the Alpha has the advantages of fewer manual movements and less chance of a tuning error.

I think the best design would be for the switch interface box to tell the amp what band and antenna to use, not the other way around. The switch interface box should have a 9-pin input (plus ground) for selecting one of nine bands. The input should be compatible with the output from popular aftermarket decoders (alternatively, a BCD input could be used, but it would have to be compatible with several different rig coding schemes.) The switch interface should also have 10 front panel buttons that allow the operator to select one of up to 10 antennas within a band (it should always remember the last antenna selected on a band and only change it if the user presses one of the buttons.) The switch interface would, of course, use this information to operate the remote antenna switch. There also should be an output port from the switch to the amp that carries both the band and antenna information. That way, the rig would tell the switch which band and antenna to select. This allows the amp to instantly switch without the delay of frequency detection. Of course, the amp should still detect a transmitted frequency change and do the appropriate retuning when necessary. The whole thing can be driven from the rig and interface front panels, with or without the amp being powered on. Alternatively, the band can be controlled by any of the existing programs that feature rig control.

In the end, the user should be able to push just one button to select the band and, optionally, another button to select the antenna. Everything else should happen automatically.

Is that a better design?

73, Dick WC1M

472. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:19:20 UTC
From: Brian, N8WRL
Topic: 462 Message: 472

Some more stupid questions (I guess :))

1. What happens if you plug in the cable alone w/o the null model adapter?
2. What happens if you plug in the cable that came w/the switch?

Because unless there was something wrong with the null modem adapter or the cable, I'm just not sure how the amp would know anything was plugged in!?

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 02:59 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> I agree Bob., but I used just the null modem adapter alone which is a one piece apparatus. No luck. I think I have to reset the microprocessor. If that is not it, ????? Mel
> ----- Original Message -----
> From: Bob Naumann - N5NJ
> To: acom-list@yahoogroups.com
> Sent: Tuesday, May 08, 2001 1:52 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> Mel,
>
> Unless some of the individual wires are shorted together in the cable,
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>
> It seems obvious from this perspective that the cable is shorted between one
> or more pins.
>
> 73,
> Bob
> ----- Original Message -----
> From: "Mel" <k2at@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, May 08, 2001 11:28 AM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> > Tnx Jim, I will try anything at this point. Not to disprove u, but with

> the other end of the cable not connected to anything why should it
require
> cutting the xtra lines.
> > ----- Original Message -----
> > From: Jim Idelson
> > To: acom-list@yahoogroups.com
> > Sent: Monday, May 07, 2001 6:34 PM
> > Subject: re[2]: [acom-list] Antenna switching problems
> >
> >
> > Ok, everybody. I think I know the issue here. It seems that null
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> cables are not created equal. The Acom 2000S must have only pins 2, 3
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> connected on the DB9. There are some other pins in use on the 2000S DB9
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> a standard commercial cable may connect these pins "straight through",
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> > 73,
> >
> > Jim K1IR
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> > > A cable came with my switch and it works fine. Are others trying
to
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> > something else?
> >
> > -Brian n8wrl
> >
> > ----- Original Message -----
> > From: <aa1nd@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, May 07, 2001 03:16 PM
> > Subject: Re: [acom-list] Antenna switching problems
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> > > Hi ,
> > > This cable must be a "null modem" type
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> > > Krassy
> > >
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473. re[4]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:20:41 UTC
From: Jim Idelson
Topic: 473 Message: 473

Here is some information that might be useful. First, a link to the different wiring options for standard "null modem" cables:

http://www.blackbox.nl/techweb/cables/nullmod.htm

Note that pins 1 and 6 are shorted together in configuration IV, and pins 1,4,and 6 and pins 7 and 8 are shorted together in configuration V.

Second, a detailed review of the Acom 2000 schematics shows that the RS232 connector is used to pass some non-standard signals from the amp CPU board to the outside world. In fact, pins 1 through 9 of the RS232 connector are all populated with signals. Although the Acom 2000S does not use all of these signals, they are present on the amp connector - and they cannot be shorted to anything.

The effect of plugging either of the two standard null modem cable configurations into the amp RS232 port is to short some of these pins. This will confuse the amp, regardless of whether or not the other end is connected to something. I think you will find that this is the cause of these cabling difficulties. You will need to make up a cable that is wired as follows:
Amp Controller
2<----------------->3
3<----------------->2
5<----------------->5

Hope this is the right solution!

73,

Jim K1IR

> Mel,

Unless some of the individual wires are shorted together in the cable,
whether or not it is plugged in should make no difference.

It seems obvious from this perspective that the cable is shorted between one
or more pins.

73,
Bob
----- Original Message -----
From: "Mel" <k2at@home.com>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 11:28 AM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require

cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
>
> Ok, everybody. I think I know the issue here. It seems that null modem
cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
connected on the DB9. There are some other pins in use on the 2000S DB9 and
a standard commercial cable may connect these pins "straight through",
causing problems for the switch controller. So, either use the cable that
comes with the unit or make up a very simple copy according to the
description in the manual. I didn't check this with Krassy, but it may be
the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to
use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
> >
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474. Re: [acom-list] Cabling it right

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:49:13 UTC
From: Mel
Topic: 470 Message: 474

I am going to ask Krassy to send me a cable. I am getting wiery of dealing with this problem. Mel.
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 3:45 PM
Subject: [acom-list] Cabling it right

Here is some information that might be useful. First a link to the different wiring options for standard "null modem" cables:

http://www.blackbox.nl/techweb/cables/nullmod.htm

Note that pins 1 and 6 are shorted together in configuration IV, and pins 1,4,and 6 and pins 7 and 8 are shorted together in configuration V.

Second, a detailed review of the Acom 2000 schematics shows that the RS232 connector is used to pass some non-standard signals from the amp CPU board to the outside world. In fact, pins 1 through 9 of the RS232 connector are all populated with signals. Although the Acom 2000S does not use all of these signals, they are present on the amp connector - and they cannot be shorted to anything.

The effect of plugging either of the two standard null modem cable configurations into the amp RS232 port is to short some of these pins. This will confuse the amp, regardless of whether or not the other end is connected to something. I think you will find that this is the cause of these cabling difficulties. You will need to make up a cable that is wired as follows:
Amp Controller
2<----------------->3
3<----------------->2
5<----------------->5

Hope this is the right solution!

73,

Jim K1IR

> Tnx Jim, I will try anything at this point. Not to disprove u, but with the other end of the cable not connected to anything why should it require cutting the xtra lines.
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Monday, May 07, 2001 6:34 PM
Subject: re[2]: [acom-list] Antenna switching problems

Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.

73,

Jim K1IR

> A cable came with my switch and it works fine. Are others trying to use
something else?

-Brian n8wrl

----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 03:16 PM
Subject: Re: [acom-list] Antenna switching problems

> Hi ,
> This cable must be a "null modem" type
> with two DB9F connectors (female 9-pin, with pins 2 and 3
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> Krassy
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Jim

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James S. Idelson
President
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475. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:46:27 UTC
From: Mel
Topic: 462 Message: 475

No Brian. I did not get a cable. I am going to ask Krassy to send one. But, I cannot believe it is the cable. I only hook cable up to amp and leave other end unconnected and it still gives me microprocessor error. I think I have to rest the processor. Mel
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 2:22 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

Hi Mel!

Did your switch come with a cable? Mine did and it works fine.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 12:28 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with the other end of the cable not connected to anything why should it require cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
>
> Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to use

> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
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476. Re: [acom-list] Cabling it right

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 20:56:29 UTC
From: Richard Thorne
Topic: 470 Message: 476

Its very true that not all null modem cables are created equal. I hooked up my RigBlaster to my pc with a null modem cable. Turned out it was crossing more than just the required pins. I ended up going to Radioshack and bought one of they're cables. There was a schematic on the back of the box to confirm that it was the correct cable. The Radioshack cable follows Jim's pinout.

I have the 2000sw switch and used the supplied null modem cable to connect the switch controller to the amp. No problems here.

Jim Idelson wrote:

> Here is some information that might be useful. First a link to the different wiring options for standard "null modem" cables:
>
> http://www.blackbox.nl/techweb/cables/nullmod.htm
>
> Note that pins 1 and 6 are shorted together in configuration IV, and pins 1,4,and 6 and pins 7 and 8 are shorted together in configuration V.
>
> Second, a detailed review of the Acom 2000 schematics shows that the RS232 connector is used to pass some non-standard signals from the amp CPU board to the outside world. In fact, pins 1 through 9 of the RS232 connector are all populated with signals. Although the Acom 2000S does not use all of these signals, they are present on the amp connector - and they cannot be shorted to anything.
>
> The effect of plugging either of the two standard null modem cable configurations into the amp RS232 port is to short some of these pins. This will confuse the amp, regardless of whether or not the other end is connected to something. I think you will find that this is the cause of these cabling difficulties. You will need to make up a cable that is wired as follows:
> Amp Controller
> 2<---------------->3
> 3<---------------->2
> 5<---------------->5
>
> Hope this is the right solution!
>
> 73,
>
> Jim K1IR
>
> > Tnx Jim, I will try anything at this point. Not to disprove u, but with the other end of the cable not connected to anything why should it require cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com

> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
>
> Ok, everybody. I think I know the issue here. It seems that null modem cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5 connected on the DB9. There are some other pins in use on the 2000S DB9 and a standard commercial cable may connect these pins "straight through", causing problems for the switch controller. So, either use the cable that comes with the unit or make up a very simple copy according to the description in the manual. I didn't check this with Krassy, but it may be the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
> >
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> <
>
> Jim
>
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> James S. Idelson
> President
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

477. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 21:04:59 UTC
From: Brian, N8WRL
Topic: 451 Message: 477

This a great idea!

The only thing I would add is the ability to interface the switch to the computer so I can use it to select band and antenna (or just antenna within a band since I'll be setting the rig freq too). I've been playing with the notion of minimizing rotor movement by selecting antennas 'close' to where I want to go. Example - I have a tribander fixed on EU and another that rotates. I know the rough beamwidth of both on all 3 bands. If the rotatable one points to OC, for example, and I want to work someone in EU quickly (maybe from a spot) I'd like the computer to figure the bearing to the station to work, notice that it is out of the beamwidth of the rotatable beam, and that the EU beam is close enough. Set the rig's freq (which might set the switch's band) and then set the antenna within that band. By the time all the settings are done, I'm in QSO and the top beam hasn't moved, all set to continue w/OC! Dreaming?

----- Original Message -----
From: <dick.green@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 04:14 PM
Subject: Re: [acom-list] Antenna switching problems
> ...
> I think the best design would be for the switch interface box to tell
> the amp what band and antenna to use, not the other way around. The
> switch interface box should have a 9-pin input (plus ground) for
> selecting one of nine bands. The input should be compatible with the
> output from popular aftermarket decoders (alternatively, a BCD input
> could be used, but it would have to be compatible with several
> different rig coding schemes.) The switch interface should also have
> 10 front panel buttons that allow the operator to select one of up to
> 10 antennas within a band (it should always remember the last antenna
> selected on a band and only change it if the user presses one of the
> buttons.) The switch interface would, of course, use this information
> to operate the remote antenna switch. There also should be an output
> port from the switch to the amp that carries both the band and
> antenna information. That way, the rig would tell the switch which
> band and antenna to select. This allows the amp to instantly switch
> without the delay of frequency detection. Of course, the amp should
> still detect a transmitted frequency change and do the appropriate
> retuning when necessary. The whole thing can be driven from the rig
> and interface front panels, with or without the amp being powered on.
> Alternatively, the band can be controlled by any of the existing
> programs that feature rig control.

478. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 21:40:50 UTC
From: alsopb
Topic: 451 Message: 478

Dick--

Well spoken. This is exactly what is needed.

There is another to using the rig to select the antenna. Having the xcvr select the antenna guarantees the correct antenna is selected before the amp transmits. That eliminates spurious fault conditions which can occur. I used to have this fault problem using the computer to run the antenna decoder box. It had a second or two delay in switching to the correct antenna. Accidently tripping the vox in this interval (wrong ant still attached) caused the amp to trip.

Also do away with the network nonesense. Make this data via some hardwire connections.

One still needs some way to handle multiband antennas. There still needs to be something between the rig BCD output and the antenna switch to select the same antenna for several bands. I'd like to suggest that function become what the switch box does.

73 de Brian/K3KO

>
> I think the best design would be for the switch interface box to tell
> the amp what band and antenna to use, not the other way around. The
> switch interface box should have a 9-pin input (plus ground) for
> selecting one of nine bands. The input should be compatible with the
> output from popular aftermarket decoders (alternatively, a BCD input
> could be used, but it would have to be compatible with several
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> 10 front panel buttons that allow the operator to select one of up to
> 10 antennas within a band (it should always remember the last antenna
> selected on a band and only change it if the user presses one of the
> buttons.) The switch interface would, of course, use this information
> to operate the remote antenna switch. There also should be an output
> port from the switch to the amp that carries both the band and
> antenna information. That way, the rig would tell the switch which
> band and antenna to select. This allows the amp to instantly switch
> without the delay of frequency detection. Of course, the amp should
> still detect a transmitted frequency change and do the appropriate
> retuning when necessary. The whole thing can be driven from the rig
> and interface front panels, with or without the amp being powered on.
> Alternatively, the band can be controlled by any of the existing
> programs that feature rig control.
>
> In the end, the user should be able to push just one button to select

> the band and, optionally, another button to select the antenna.
> Everything else should happen automatically.
>
> Is that a better design?
>
> 73, Dick WC1M
>

479. re[4]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 22:42:43 UTC
From: Jim Idelson
Topic: 473 Message: 479

Mel,

Please believe me. If you remove the cable from the amp, do you get a clean startup? If so, then you know the cable is shorting some pins. You should order the right cable from Krassy. It will work. Or, you can build the one I suggested. It's only 3 wires. You don't need to reset the CPU on your amp. You'll lose all your user settings and it won't help the problem.

Jim K1IR

> No Brian. I did not get a cable. I am going to ask Krassy to send one. But, I cannot believe it is the cable. I only hook cable up to amp and leave other end unconnected and it still gives me microprocessor error. I think I have to rest the processor.. Mel
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 2:22 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

Hi Mel!

Did your switch come with a cable? Mine did and it works fine.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@home.com>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 12:28 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require
cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems
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>
> Ok, everybody. I think I know the issue here. It seems that null modem
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> 73,
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> Jim K1IR
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> > A cable came with my switch and it works fine. Are others trying to
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>
> ----- Original Message -----
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> Subject: Re: [acom-list] Antenna switching problems
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<

Jim

The Information Resource for Conferencing Professionals

James S. Idelson
President
DesigNET International, Inc.
96 Morse Road
Sudbury, Massachusetts USA 01776

email jimi@designet.com
web http://www.designet.com
tel 978.443.5549

fax 978.443.2034

480. Re: re[4]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-08 23:24:59 UTC
From: Barry Kutner
Topic: 473 Message: 480

I haven't been following this thread too closely, as I don't have an
Acom antenna switch, but...
I have been a beta tester for W1VE's amp controlling vaporware
(sorry Gerry), and it required the same null modem cable
connected from the amp to a COM port - just a 3 wire cable, as
described. It did NOT work when used with a store-bought null
modem cable.
73,
Barry W2UP

On 8 May 01, Jim Idelson wrote:

> Mel,
>
> Please believe me. If you remove the cable from the amp, do you get a clean startup? If so, then you know the cable is shorting some pins. You should order the right cable from Krassy. It will work. Or, you can build the one I suggested. It's only 3 wires. You don't need to reset the CPU on
your amp. You'll lose all your user settings and it won't help the problem.
>
> Jim K1IR
>
>
> > No Brian. I did not get a cable. I am going to ask Krassy to send one. But, I cannot believe it is the cable. I only hook cable up to amp and leave other end unconnected and it still gives me microprocessor error. I think I have to rest the processor.. Mel
> ----- Original Message -----
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Tuesday, May 08, 2001 2:22 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> Hi Mel!
>
> Did your switch come with a cable? Mine did and it works fine.
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: "Mel" <k2at@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, May 08, 2001 12:28 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>

>
> > Tnx Jim, I will try anything at this point. Not to disprove u, but with
> the other end of the cable not connected to anything why should it require
> cutting the xtra lines.
> > ----- Original Message -----
> > From: Jim Idelson
> > To: acom-list@yahoogroups.com
> > Sent: Monday, May 07, 2001 6:34 PM
> > Subject: re[2]: [acom-list] Antenna switching problems
> >
> >
> > Ok, everybody. I think I know the issue here. It seems that null modem
> cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
> connected on the DB9. There are some other pins in use on the 2000S DB9 and
> a standard commercial cable may connect these pins "straight through",
> causing problems for the switch controller. So, either use the cable that
> comes with the unit or make up a very simple copy according to the
> description in the manual. I didn't check this with Krassy, but it may be
> the answer.
> >
> > 73,
> >
> > Jim K1IR
> >
> > > A cable came with my switch and it works fine. Are others trying to
> use
> > something else?
> >
> > -Brian n8wrl
> >
> > ----- Original Message -----
> > From: <aa1nd@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, May 07, 2001 03:16 PM
> > Subject: Re: [acom-list] Antenna switching problems
> >
> >
> > > Hi ,
> > > This cable must be a "null modem" type
> > > with two DB9F connectors (female 9-pin, with pins 2 and 3
> > cross-connected).
> > > Krassy
> > >
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

481. Re: re[4]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-09 00:43:14 UTC
From: Mel
Topic: 473 Message: 481

Tnx Barry, mine is store bought,,
----- Original Message -----
From: Barry Kutner
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 7:24 PM
Subject: Re: re[4]: [acom-list] Antenna switching problems

I haven't been following this thread too closely, as I don't have an
Acom antenna switch, but...
I have been a beta tester for W1VE's amp controlling vaporware
(sorry Gerry), and it required the same null modem cable
connected from the amp to a COM port - just a 3 wire cable, as
described. It did NOT work when used with a store-bought null
modem cable.
73,
Barry W2UP

On 8 May 01, Jim Idelson wrote:

> Mel,
>
> Please believe me. If you remove the cable from the amp, do you get a clean startup? If so, then you know the cable is shorting some pins. You should order the right cable from Krassy. It will work. Or, you can build the one I suggested. It's only 3 wires. You don't need to reset the CPU on
your amp. You'll lose all your user settings and it won't help the problem.
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> Jim K1IR
>
>
> > No Brian. I did not get a cable. I am going to ask Krassy to send one. But, I cannot believe it is the cable. I only hook cable up to amp and leave other end unconnected and it still gives me microprocessor error. I think I have to rest the processor.. Mel
> ----- Original Message -----
> From: Brian, N8WRL
> To: acom-list@yahoogroups.com
> Sent: Tuesday, May 08, 2001 2:22 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> Hi Mel!
>
> Did your switch come with a cable? Mine did and it works fine.
>
> -Brian n8wrl
>

> ----- Original Message -----
> From: "Mel" <k2at@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, May 08, 2001 12:28 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> > Tnx Jim, I will try anything at this point. Not to disprove u, but with
> the other end of the cable not connected to anything why should it require
> cutting the xtra lines.
> > ----- Original Message -----
> > From: Jim Idelson
> > To: acom-list@yahoogroups.com
> > Sent: Monday, May 07, 2001 6:34 PM
> > Subject: re[2]: [acom-list] Antenna switching problems
> >
> >
> > Ok, everybody. I think I know the issue here. It seems that null modem
> cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
> connected on the DB9. There are some other pins in use on the 2000S DB9 and
> a standard commercial cable may connect these pins "straight through",
> causing problems for the switch controller. So, either use the cable that
> comes with the unit or make up a very simple copy according to the
> description in the manual. I didn't check this with Krassy, but it may be
> the answer.
> >
> > 73,
> >
> > Jim K1IR
> >
> > > A cable came with my switch and it works fine. Are others trying to
> use
> > something else?
> >
> > -Brian n8wrl
> >
> > ----- Original Message -----
> > From: <aa1nd@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, May 07, 2001 03:16 PM
> > Subject: Re: [acom-list] Antenna switching problems
> >
> >
> > > Hi ,
> > > This cable must be a "null modem" type
> > > with two DB9F connectors (female 9-pin, with pins 2 and 3
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> > > Krassy
> > >
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> Jim
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Barry Kutner, W2UP Internet: w2up@...

Newtown, PA FRC alternate: barry@...

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[Non-text portions of this message have been removed]

482. Re: re[4]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-09 00:44:26 UTC
From: Mel
Topic: 473 Message: 482

That is why I was reluctant to reset processor. Will give Krassy call tomorrow and get right cable. Tnx
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 6:42 PM
Subject: re[4]: [acom-list] Antenna switching problems

Mel,

Please believe me. If you remove the cable from the amp, do you get a clean startup? If so, then you know the cable is shorting some pins. You should order the right cable from Krassy. It will work. Or, you can build the one I suggested. It's only 3 wires. You don't need to reset the CPU on your amp. You'll lose all your user settings and it won't help the problem.

Jim K1IR

> No Brian. I did not get a cable. I am going to ask Krassy to send one. But, I cannot believe it is the cable. I only hook cable up to amp and leave other end unconnected and it still gives me microprocessor error. I think I have to rest the processor.. Mel
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 2:22 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

Hi Mel!

Did your switch come with a cable? Mine did and it works fine.

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 12:28 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> Tnx Jim, I will try anything at this point. Not to disprove u, but with
the other end of the cable not connected to anything why should it require
cutting the xtra lines.
> ----- Original Message -----
> From: Jim Idelson
> To: acom-list@yahoogroups.com
> Sent: Monday, May 07, 2001 6:34 PM
> Subject: re[2]: [acom-list] Antenna switching problems

>
>
> Ok, everybody. I think I know the issue here. It seems that null modem
cables are not created equal. The Acom 2000S must have only pins 2, 3 and 5
connected on the DB9. There are some other pins in use on the 2000S DB9 and
a standard commercial cable may connect these pins "straight through",
causing problems for the switch controller. So, either use the cable that
comes with the unit or make up a very simple copy according to the
description in the manual. I didn't check this with Krassy, but it may be
the answer.
>
> 73,
>
> Jim K1IR
>
> > A cable came with my switch and it works fine. Are others trying to
use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
> cross-connected).
> > Krassy
> >
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[Non-text portions of this message have been removed]

483. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-09 00:47:32 UTC
From: Mel
Topic: 462 Message: 483

No matter what I plug into the amp I have microprocessor problems. I must have plugged in 4 different cables. Even plugged in the null adapter alone. No cable came with the switch. I think that is my problem. I will ask Krassy to send me the 3 wire cable with pins 2 and 3 switched and 5 straight through. Hope that solves problemmy.
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Tuesday, May 08, 2001 4:19 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

Some more stupid questions (I guess :))

1. What happens if you plug in the cable alone w/o the null model adapter?
2. What happens if you plug in the cable that came w/the switch?

Because unless there was something wrong with the null modem adapter or the cable, I'm just not sure how the amp would know anything was plugged in!?

-Brian n8wrl

----- Original Message -----
From: "Mel" <k2at@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 08, 2001 02:59 PM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> I agree Bob., but I used just the null modem adapter alone which is a one piece apparatus. No luck. I think I have to reset the microprocessor. If that is not it, ????? Mel
> ----- Original Message -----
> From: Bob Naumann - N5NJ
> To: acom-list@yahoogroups.com
> Sent: Tuesday, May 08, 2001 1:52 PM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> Mel,
>
> Unless some of the individual wires are shorted together in the cable,
> whether or not it is plugged in should make no difference.
>
> It seems obvious from this perspective that the cable is shorted between one
> or more pins.
>
> 73,

> Bob
> ----- Original Message -----
> From: "Mel" <k2at@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, May 08, 2001 11:28 AM
> Subject: Re: re[2]: [acom-list] Antenna switching problems
>
>
> > Tnx Jim, I will try anything at this point. Not to disprove u, but
with
> the other end of the cable not connected to anything why should it
require
> cutting the xtra lines.
> > ----- Original Message -----
> > From: Jim Idelson
> > To: acom-list@yahoogroups.com
> > Sent: Monday, May 07, 2001 6:34 PM
> > Subject: re[2]: [acom-list] Antenna switching problems
> >
> >
> > Ok, everybody. I think I know the issue here. It seems that null
modem
> cables are not created equal. The Acom 2000S must have only pins 2, 3
and 5
> connected on the DB9. There are some other pins in use on the 2000S DB9
and
> a standard commercial cable may connect these pins "straight through",
> causing problems for the switch controller. So, either use the cable
that
> comes with the unit or make up a very simple copy according to the
> description in the manual. I didn't check this with Krassy, but it may
be
> the answer.
> >
> > 73,
> >
> > Jim K1IR
> >
> > > A cable came with my switch and it works fine. Are others trying
to
> use
> > something else?
> >
> > -Brian n8wrl
> >
> > ----- Original Message -----
> > From: <aa1nd@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, May 07, 2001 03:16 PM
> > Subject: Re: [acom-list] Antenna switching problems

> >
> >
> > > Hi ,
> > > This cable must be a "null modem" type
> > > with two DB9F connectors (female 9-pin, with pins 2 and 3
> > cross-connected).
> > > Krassy
> > >
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[Non-text portions of this message have been removed]

484. Re: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-07 22:33:13 UTC
From: A. J. (Jim) Movius
Topic: 451 Message: 484

The switch discussion is interesting and suggests that for now I continue use of a manual 6 position Coax switch w/ two 4 position remote switches to switch among antennas. My two year plus old 2000A (Serial No. 990147) has accumulated 1320 hrs of flawless operation, except for failure of 2 Molex heater wire connectors. The 3 pair of connectors were replaced at no charge after the warranty had expired.
Best Regards, Jim KL7JM
----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 07, 2001 1:59 PM
Subject: Re: [acom-list] Antenna switching problems

> A cable came with my switch and it works fine. Are others trying to use
> something else?
>
> -Brian n8wrl
>
> ----- Original Message -----
> From: <aa1nd@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, May 07, 2001 03:16 PM
> Subject: Re: [acom-list] Antenna switching problems
>
>
> > Hi ,
> > This cable must be a "null modem" type
> > with two DB9F connectors (female 9-pin, with pins 2 and 3
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>
>

485. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-13 00:23:31 UTC
From: aa1nd@aol.com
Topic: 462 Message: 485

This is the right answer Bob. Some of the null modem cables except cross lids have shortened pins. It is difficult if you really don't know what you doing to find in the computer market the right cable.
Any way I supply Mall with the right one.
Krassy

486. Re: re[2]: [acom-list] Antenna switching problems

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-15 23:18:45 UTC
From: David J. Strout
Topic: 462 Message: 486

Krassy....
My switcher manual doesn't even say anything about
a null modem. I must have an old one. Mel, K2AT, says
you sent him a cable and everything is fine. I never got
a cable with mine. Please send me the proper cable dear
friend. Right now I must change everything manual!!

Dave Strout, W2YC
28 Clover Lane
Hightstown, NJ 08520

(609) 448-1275
==========
----- Original Message -----
From: <aa1nd@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, May 13, 2001 12:23 AM
Subject: Re: re[2]: [acom-list] Antenna switching problems

> This is the right answer Bob. Some of the null modem cables except cross
lids
> have shortened pins. It is difficult if you really don't know what you
doing
> to find in the computer market the right cable.
> Any way I supply Mall with the right one.
> Krassy
>
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>
>

487. acom.exe on CD-ROM

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-17 00:56:01 UTC
From: dick.green@valley.net
Topic: 487 Message: 487

Just got the CD, and I've been playing around with the MD-DOS tuning program, acom.exe. It's really pretty neat, although it seems to be somewhat buggy and the interface isn't terribly friendly. Needless to say, I'd love to see a Windows version. I'd also like to see a command that would let me do an AUTO tune on one column (antenna) at a time -- I don't use the 2000SW and need to throw some switches in between antennas. I'd like to just say, "tune all the frequencies under A1", then "tune all the frequencies under A2", etc.

Speaking of that, I was unable to get the program to work in a DOS box under Windows. I had to boot my machine into MS-DOS. Has anybody gotten it to work in a DOS box? I can't set the rig frequency or communicate with the amp. Common problem with DOS software that accesses COM ports, but can be avoided with proper programming.

Oh yeah. It sure would be nice to be able to select *any* COM port for the rig and amp.

Still, it's really cool doing an AUTO tune for all bands!

73, Dick WC1M

488. G2 ERROR

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-17 19:33:53 UTC
From: Turkisher Dan-CSLC82
Topic: 488 Message: 488

My amp was last used about two weeks ago, all OK.

Went to use it today and after the 2 minute warm up I hit the OPERATE button and it immediately shuts down with a "G2 VOLTAGE TOO LOW: 50V" error. Not even a chance to put RF into the amp, it shuts off immediately.

The manual says to power it off for 5 minutes then retry (no joy). Manual also says to reduce drive and perform tuning procedure, but the amp shuts down immediately upon entering OPERATE mode so reducing drive and retuning are not possible.

Any ideas as to the source/resolution of this problem???

Thanks and 73

Dan
K0DAN

489. Re: G2 ERROR

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-17 20:02:24 UTC
From: dick.green@valley.net
Topic: 488 Message: 489

It's speculation, but my guess would be a bad tube. I had one go bad shortly after I bought the amp. As I recall, the error was too much grid current, but I can't remember.

73, Dick WC1M

--- In acom-list@y..., Turkisher Dan-CSLC82 <Dan.Turkisher@m...> wrote:
> My amp was last used about two weeks ago, all OK.
>
> Went to use it today and after the 2 minute warm up I hit the OPERATE button and it immediately shuts down with a "G2 VOLTAGE TOO LOW: 50V" error. Not even a chance to put RF into the amp, it shuts off immediately.
>
> The manual says to power it off for 5 minutes then retry (no joy). Manual also says to reduce drive and perform tuning procedure, but the amp shuts down immediately upon entering OPERATE mode so reducing drive and retuning are not possible.
>
> Any ideas as to the source/resolution of this problem???
>
> Thanks and 73
>
> Dan
> K0DAN

490. Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-17 20:09:19 UTC
From: dick.green@valley.net
Topic: 490 Message: 490

I have a question into ACOM about this, but maybe somebody here knows the answer. The manual says:

"6-4. Tubes Replacement

The new tubes must be supplied as a Matched Pair with close electrical characteristics. Otherwise one of the tubes will bear an excessive share of the operating currents, which will lead to overheating and reduced tube life.

Two 4CX800A (GU74B) high performance ceramic-metal tetrodes manufactured by Svetlana are employed in the amplifier. This is a complex and possibly dangerous operation. For this reason we recommend this work is carried out by a trained service technician. See the TECHNICAL SUPPLEMENT for details."

OK, so where's this TECHNICAL SUPPLEMENT? I asked Krassy for it a long time ago and he just recently sent me a CD that contains complete schematics, pictures, the operating manual, and the DOS tuning program. No "Technical Supplement" and no information about replacing tubes.

My amp lost a tube shortly after I bought it and Krassy did the replacement (coincidentally, I was able to carry the amp to him instead of shipping it.) He told me that new tubes require adjustment behind the front panel. I expected the procedure to be in the Technical Supplement, but there's nothing on the CD about it.

I feel it is unreasonable to expect people to ship an amp just to replace the tubes. I'd like to keep a spare set on the shelf and be able to replace them myself should something go wrong in the middle of a contest.

Has anyone seen the Technical Supplement or a set of instructions for replacing tubes?

73, Dick WC1M

491. Re: [acom-list] Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-17 21:07:27 UTC
From: alsopb
Topic: 490 Message: 491

Hi Dick,

Also had a tube failure with "bias too low". It was a cathode to grid short. Unfortunately, this was found out only after shipping the amp back to ACOM. That aside, ACOM sent me E-mail containing a "step by step procedure for tube replacement. It covers:

1. Old tubes removal
2. Mounting new tubes
3. ideling plate current adjustment ("after any tube replacement the bias voltage needs to be adjusted. There is a sub-menu in the service menu... It goes on to discuss the scredwriver adjustment of potentiometers RP1 AND RP2..
4. Reassembling the amplifer.

It was signed by LZ1JK and K1LZ.

I'd be glad to FAX it to you if you are in a time crunch and can't get it directly from Krassy.

73 de Brian/K3KO
dick.green@... wrote:
> I have a question into ACOM about this, but maybe somebody here knows
> the answer. The manual says:
>
> "6-4. Tubes Replacement
>
> The new tubes must be supplied as a Matched Pair with close
> electrical characteristics. Otherwise one of the tubes will bear an
> excessive share of the operating currents, which will lead to
> overheating and reduced tube life.
>
> Two 4CX800A (GU74B) high performance ceramic-metal tetrodes
> manufactured by Svetlana are employed in the amplifier. This is a
> complex and possibly dangerous operation. For this reason we recom-
> mend this work is carried out by a trained service technician. See
> the TECHNICAL SUPPLEMENT for details."
>
> OK, so where's this TECHNICAL SUPPLEMENT? I asked Krassy for it a
> long time ago and he just recently sent me a CD that contains
> complete schematics, pictures, the operating manual, and the DOS
> tuning program. No "Technical Supplement" and no information about
> replacing tubes.
>
> My amp lost a tube shortly after I bought it and Krassy did the

> replacement (coincidentally, I was able to carry the amp to him
> instead of shipping it.) He told me that new tubes require adjustment
> behind the front panel. I expected the procedure to be in the
> Technical Supplement, but there's nothing on the CD about it.
>
> I feel it is unreasonable to expect people to ship an amp just to
> replace the tubes. I'd like to keep a spare set on the shelf and be
> able to replace them myself should something go wrong in the middle
> of a contest.
>
> Has anyone seen the Technical Supplement or a set of instructions for
> replacing tubes?
>
> 73, Dick WC1M
>
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492. Re: [acom-list] Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-18 11:31:17 UTC
From: alsopb
Topic: 490 Message: 492

Guys,

I scanned in a file of the 5 pages Krassy sent me for tube replacements. I have it in a zipped 400K file of bmp images. I don't know if this list permits attachments. If you don't get the attachment, e-MAIL me a separate request.

The low grid voltage could also be some problems with molex connectors or other things.

73 de Brian/K3KO

dick.green@... wrote:
> I have a question into ACOM about this, but maybe somebody here knows
> the answer. The manual says:
>
> "6-4. Tubes Replacement
>
> The new tubes must be supplied as a Matched Pair with close
> electrical characteristics. Otherwise one of the tubes will bear an
> excessive share of the operating currents, which will lead to
> overheating and reduced tube life.
>
> Two 4CX800A (GU74B) high performance ceramic-metal tetrodes
> manufactured by Svetlana are employed in the amplifier. This is a
> complex and possibly dangerous operation. For this reason we recom-
> mend this work is carried out by a trained service technician. See
> the TECHNICAL SUPPLEMENT for details."
>
> OK, so where's this TECHNICAL SUPPLEMENT? I asked Krassy for it a
> long time ago and he just recently sent me a CD that contains
> complete schematics, pictures, the operating manual, and the DOS
> tuning program. No "Technical Supplement" and no information about
> replacing tubes.
>
> My amp lost a tube shortly after I bought it and Krassy did the
> replacement (coincidentally, I was able to carry the amp to him
> instead of shipping it.) He told me that new tubes require adjustment
> behind the front panel. I expected the procedure to be in the
> Technical Supplement, but there's nothing on the CD about it.
>
> I feel it is unreasonable to expect people to ship an amp just to
> replace the tubes. I'd like to keep a spare set on the shelf and be
> able to replace them myself should something go wrong in the middle
> of a contest.

>
> Has anyone seen the Technical Supplement or a set of instructions for
> replacing tubes?
>
> 73, Dick WC1M
>
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[Non-text portions of this message have been removed]

493. Re: [acom-list] Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-18 23:57:40 UTC
From: Howard Klein
Topic: 490 Message: 493

Brian,

Since I could find no sign of the downloaded file on the Acom list I assume
it didn't make it. If possible could you forward the file at your leisure?
Additionally, I have seen references to the Acom.exe file that some people
have. I wonder if you have information regarding that program?

Thank you for your help.

Howard..K2HK
>
>Guys,
>
>I scanned in a file of the 5 pages Krassy sent me for tube
>replacements. I have it in a zipped 400K file of bmp images. I don't
>know if this list permits attachments. If you don't get the
>attachment, e-MAIL me a separate request.
>

_____
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494. Re: [acom-list] Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-19 07:42:40 UTC
From: Dennis Vernacchia
Topic: 490 Message: 494

Brian,

Could you e-mail me the attachment to
n6ki@...

Thanks, 73,

Dennis Vernacchia N6KI

On Fri, 18 May 2001 11:31:17 +0000 alsopb <alsopb@...> writes:
>Guys,
>
>I scanned in a file of the 5 pages Krassy sent me for tube
>replacements. I have it in a zipped 400K file of bmp images. I don't
>know if this list permits attachments. If you don't get the
>attachment, e-MAIL me a separate request.
>
>The low grid voltage could also be some problems with molex connectors
>or other things.
>
>73 de Brian/K3KO
>
>dick.green@... wrote:
>>
>> I have a question into ACOM about this, but maybe somebody here
>knows
>> the answer. The manual says:
>>
>> "6-4. Tubes Replacement
>>
>> The new tubes must be supplied as a Matched Pair with close
>> electrical characteristics. Otherwise one of the tubes will bear an
>> excessive share of the operating currents, which will lead to
>> overheating and reduced tube life.
>>
>> Two 4CX800A (GU74B) high performance ceramic-metal tetrodes
>> manufactured by Svetlana are employed in the amplifier. This is a
>> complex and possibly dangerous operation. For this reason we recom-
>> mend this work is carried out by a trained service technician. See
>> the TECHNICAL SUPPLEMENT for details."
>>
>> OK, so where's this TECHNICAL SUPPLEMENT? I asked Krassy for it a
>> long time ago and he just recently sent me a CD that contains
>> complete schematics, pictures, the operating manual, and the DOS
>> tuning program. No "Technical Supplement" and no information about
>> replacing tubes.

>>
>> My amp lost a tube shortly after I bought it and Krassy did the
>> replacement (coincidentally, I was able to carry the amp to him
>> instead of shipping it.) He told me that new tubes require
>adjustment
>> behind the front panel. I expected the procedure to be in the
>> Technical Supplement, but there's nothing on the CD about it.
>>
>> I feel it is unreasonable to expect people to ship an amp just to
>> replace the tubes. I'd like to keep a spare set on the shelf and be
>> able to replace them myself should something go wrong in the middle
>> of a contest.
>>
>> Has anyone seen the Technical Supplement or a set of instructions
>for
>> replacing tubes?
>>
>> 73, Dick WC1M
>>
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495. Re: [acom-list] G2 ERROR

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-19 23:25:52 UTC
From: Glenn O'Donnell
Topic: 488 Message: 495

Check the varistor on the screen grid (access by opening the metal plate on the bottom of the amp). Mine failed last year, Krassy sent a new one, and it was an easy fix. The amp will never go into active mode because the screen cannot reach the necessary voltage (~340V, I seem to recall). This is good. The amp is protecting itself.

73 de Glenn K3PP

----- Original Message -----
From: Turkisher Dan-CSLC82 <Dan.Turkisher@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, May 17, 2001 3:33 PM
Subject: [acom-list] G2 ERROR

> My amp was last used about two weeks ago, all OK.
>
> Went to use it today and after the 2 minute warm up I hit the OPERATE button and it immediately shuts down with a "G2 VOLTAGE TOO LOW: 50V" error. Not even a chance to put RF into the amp, it shuts off immediately.
>
> The manual says to power it off for 5 minutes then retry (no joy). Manual also says to reduce drive and perform tuning procedure, but the amp shuts down immediately upon entering OPERATE mode so reducing drive and retuning are not possible.
>
> Any ideas as to the source/resolution of this problem???
>
> Thanks and 73
>
> Dan
> K0DAN
>
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496. RE: [acom-list] G2 ERROR

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-20 19:10:40 UTC
From: Turkisher Dan-CSLC82
Topic: 488 Message: 496

Thanks for the tip; will check out and advise the group!

73

Dan\K0DAN

-----Original Message-----
From: Glenn O'Donnell [mailto:k3pp@...]
Sent: Saturday, May 19, 2001 6:26 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] G2 ERROR

Check the varistor on the screen grid (access by opening the metal plate on the bottom of the amp). Mine failed last year, Krassy sent a new one, and it was an easy fix. The amp will never go into active mode because the screen cannot reach the necessary voltage (~340V, I seem to recall). This is good. The amp is protecting itself.

73 de Glenn K3PP

----- Original Message -----
From: Turkisher Dan-CSLC82 <Dan.Turkisher@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, May 17, 2001 3:33 PM
Subject: [acom-list] G2 ERROR

> My amp was last used about two weeks ago, all OK.
>
> Went to use it today and after the 2 minute warm up I hit the OPERATE button and it immediately shuts down with a "G2 VOLTAGE TOO LOW: 50V" error. Not even a chance to put RF into the amp, it shuts off immediately.
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> The manual says to power it off for 5 minutes then retry (no joy). Manual also says to reduce drive and perform tuning procedure, but the amp shuts down immediately upon entering OPERATE mode so reducing drive and retuning are not possible.
>
> Any ideas as to the source/resolution of this problem???
>
> Thanks and 73
>
> Dan
> K0DAN
>
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497. Re: [acom-list] acom.exe on CD-ROM

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-21 00:01:30 UTC
From: Brian, N8WRL
Topic: 487 Message: 497

Does it by any chance include the source??

-Brian n8wrl

----- Original Message -----
From: <dick.green@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, May 16, 2001 08:56 PM
Subject: [acom-list] acom.exe on CD-ROM

> Just got the CD, and I've been playing around with the MD-DOS tuning
> program, acom.exe. It's really pretty neat, although it seems to be
> somewhat buggy and the interface isn't terribly friendly. Needless to
> say, I'd love to see a Windows version. I'd also like to see a
> command that would let me do an AUTO tune on one column (antenna) at
> a time -- I don't use the 2000SW and need to throw some switches in
> between antennas. I'd like to just say, "tune all the frequencies
> under A1", then "tune all the frequencies under A2", etc.
>
> Speaking of that, I was unable to get the program to work in a DOS
> box under Windows. I had to boot my machine into MS-DOS. Has anybody
> gotten it to work in a DOS box? I can't set the rig frequency or
> communicate with the amp. Common problem with DOS software that
> accesses COM ports, but can be avoided with proper programming.
>
> Oh yeah. It sure would be nice to be able to select *any* COM port
> for the rig and amp.
>
> Still, it's really cool doing an AUTO tune for all bands!
>
> 73, Dick WC1M
>
>
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498. RE: [acom-list] Tube Replacement / Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-21 13:56:47 UTC
From: N2TK
Topic: 490 Message: 498

I understand that there is a fix for the early 2000's which used Molex connectors for the tube heaters. I understand that they have been replaced with another type of connector. My symptom before replacement of the connectors was low heater voltage.

Tony

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: Friday, May 18, 2001 7:31 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Tube Replacement / Tech Supplement

Guys,

I scanned in a file of the 5 pages Krassy sent me for tube replacements. I have it in a zipped 400K file of bmp images. I don't know if this list permits attachments. If you don't get the attachment, e-MAIL me a separate request.

The low grid voltage could also be some problems with molex connectors or other things.

73 de Brian/K3KO

dick.green@... wrote:
>
> I have a question into ACOM about this, but maybe somebody here knows
> the answer. The manual says:
>
> "6-4. Tubes Replacement
>
> The new tubes must be supplied as a Matched Pair with close
> electrical characteristics. Otherwise one of the tubes will bear an
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> Two 4CX800A (GU74B) high performance ceramic-metal tetrodes
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> complex and possibly dangerous operation. For this reason we recom-
> mend this work is carried out by a trained service technician. See
> the TECHNICAL SUPPLEMENT for details."
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> OK, so where's this TECHNICAL SUPPLEMENT? I asked Krassy for it a
> long time ago and he just recently sent me a CD that contains
> complete schematics, pictures, the operating manual, and the DOS
> tuning program. No "Technical Supplement" and no information about

> replacing tubes.
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> replacement (coincidentally, I was able to carry the amp to him
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> behind the front panel. I expected the procedure to be in the
> Technical Supplement, but there's nothing on the CD about it.
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> replace the tubes. I'd like to keep a spare set on the shelf and be
> able to replace them myself should something go wrong in the middle
> of a contest.
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> Has anyone seen the Technical Supplement or a set of instructions for
> replacing tubes?
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> 73, Dick WC1M
>
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499. Software at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-21 21:33:22 UTC
From: Barry Kutner
Topic: 499 Message: 499

Last I heard, W1VE was supposed to be handing on CDs of his
Acom software at Dayton. Did this happen?
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

500. Re: [acom-list] Software at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-21 22:21:38 UTC
From: Brian, N8WRL
Topic: 499 Message: 500

I didn't see anything, and I found the ACOM booth saturday. Talked to Krassy about many things but he didn't mention that.

-Brian n8wrl

----- Original Message -----
From: "Barry Kutner" <w2up@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, May 21, 2001 05:33 PM
Subject: [acom-list] Software at Dayton?

> Last I heard, W1VE was supposed to be handing on CDs of his
> Acom software at Dayton. Did this happen?
> 73,
> Barry
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA FRC alternate: barry@...
>
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501. RE: [acom-list] Software at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-21 22:26:03 UTC
From: Will Angenent
Topic: 499 Message: 501

The only thing I've seen from W1VE was his badge laying on the table in the acom booth.
Krassy told me Saturday evening that he was around somewhere but I did not had the pleasure to meet him.....still waiting...73 Will, K6NDV

-----Original Message-----
From: Barry Kutner [mailto:w2up@...]
Sent: Monday, May 21, 2001 2:33 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Software at Dayton?

Last I heard, W1VE was supposed to be handing on CDs of his
Acom software at Dayton. Did this happen?
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

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502. RE: [acom-list] Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-24 03:26:29 UTC
From: Will Angenent
Topic: 185 Message: 502

Anything yet Gerry? Krassy told me in Dayton that you would give me the
software on Saturday but so far nothing.
Thanks 73 Will, K6NDV

-----Original Message-----
From: Gerry Hull [mailto:windev@...]
Sent: Sunday, January 07, 2001 6:50 AM
To: acom-list@egroups.com
Subject: Re: [acom-list] Software

Hi Will,

This software project has taken much
much too long. There have been a lot
of delays which have nothing to do
with Acom! (They are due to my time
constraints).

I am in the final stages. Currently
waiting for a email response from Vasco
about one final issue.

Too good things I can tell you:
1. LogWindows support is built in and works
great.
2. The software will be released as freeware.

No promises on the date, but I am pushing
for this month.

Gerry, W1VE

> Is there any news on the software?
> Sure would love to use it with Logwindows.
> Thanks Will, K6NDV
>
>
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> acom-list-unsubscribe@egroups.com
>
>

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503. Keeping amp on line?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-27 23:32:46 UTC
From: alsopb
Topic: 503 Message: 503

This past WPX was interesting. There were scattered thunderstorms from Friday until Saturday.

Murphy stayed away however, it was frustrating having to wait for the ACOM 2000A amp to come back on line after the many fractional second power interruptions we had. Around here these happen without a really local thunderstorm. One does loose his run frequency.....

Any small glitch and it restarts. If you are quick you might be able to avoid the full startup delay.

Funny that neither the FT1000MP, computer or monitor were affected by these glitches.

I wonder if it is a matter of adding a big capacitor somewhere as an energy storage device for the control head processor?

73 de Brian/K3KO

504. Antenna switch RS-232 'sensitivity'

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-29 00:58:48 UTC
From: Brian, N8WRL
Topic: 504 Message: 504

Hi all!

I'm working on a fun little project but I've run into a snag. I'm working on a little microcontroller-based box (BASIC Stamp) that will track the band data coming out of my FT990 and select antennas accordingly. I know there are products that do that already, but I'm hoping to make this 'smarter' to allow me to remember the last antenna used, switch antennas only for the band the rig is on, etc.

Anyway, I'm at the point where I'm trying to send the serial data from the microcontroller to the 2000S to tell it to select an antenna. I've done some testing from my PC talking to the switch thru a NULL MODEM cable at 1200 baud with success. I can send commands, get it to switch antennas, etc. Neat!

My first pass at doing the same from the microcontroller isn't working. The chip basically has a bunch of I/O pins you can hook up to things, and a bunch more commands you can use to do things with the pins. One of these is called 'SEROUT' that takes a pin#, baud specification, and a bunch of bytes and toggles the pin at the correct baud rate with the data you give it. I can connect a DB-9 to that pin, hook it to my PC and see the data appear in HyperTerminal.

Trouble is, the switch doesn't like it. I suspect that the problem may be that the pin is toggling between 0 and 5 volts and the RS-232 standard toggles between -10 and 10 volts. Many devices (like my PC) aren't that picky, but I wonder if the 2000S is? Anyone know? Krassy? If so, I need to get a line driver.

Thanks!

-Brian

505. Re: [acom-list] Antenna switch RS-232 'sensitivity'

Yahoo group: acom-list (1999 — 2009)
Date: 2001-05-29 11:31:21 UTC
From: alsopb
Topic: 504 Message: 505

Second thought, have you got the polarity right? If you use the
hookup in the stamp documentation using just a resistor you probably
need to use inverted polarity. However, if you have the stamp and PC
talking already, you already know this. One must do the same to talk
get the stamp to talk to the PC.

I was successful in getting the stamp to talk to the ACOM2000a via the
simple 1 zener diode and resistor converter used to drive the TS850
from a PC. The stamp has the equivalent of the zener diode internally
to clamp the voltage. Thus the 1 resistor hookup in the stamp manual
should also work.

My suggestion is to try and get the stamp to talk to the PC first from
two of the stamp output pins. Once you can do this, it is likely you
will get the stamp to talk to the acom switch box.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> Hi all!
>
> I'm working on a fun little project but I've run into a snag. I'm working on
> a little microcontroller-based box (BASIC Stamp) that will track the band
> data coming out of my FT990 and select antennas accordingly. I know there
> are products that do that already, but I'm hoping to make this 'smarter' to
> allow me to remember the last antenna used, switch antennas only for the
> band the rig is on, etc.
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> testing from my PC talking to the switch thru a NULL MODEM cable at 1200
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> that the pin is toggling between 0 and 5 volts and the RS-232 standard
> toggles between -10 and 10 volts. Many devices (like my PC) aren't that

> picky, but I wonder if the 2000S is? Anyone know? Krassy? If so, I need to
> get a line driver.
>
> Thanks!
>
> -Brian
>
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I got the stamp to talk to the ACOM2000 via a simple circuit used to
convert between the TS850 and PC. It was just a zener diode and
resistor. The stamp has the equivalent of the zener diode clamp
internally. It did no voltage level conversions.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> Hi all!
>
> I'm working on a fun little project but I've run into a snag. I'm working on
> a little microcontroller-based box (BASIC Stamp) that will track the band
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506. Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-01 14:13:37 UTC
From: Brian, N8WRL
Topic: 506 Message: 506

Good morning!

Is there anything more I have to do to keep the 2000A from automatically switching antennas based on what it 'thinks' is the last antenna used for a frequency segment? I went to the 'def' menu and set 'automatic antenna switch' to 'off' but it seems like it is still doing it. I _do_ want it to be 'aware' of the different antennas (I have a couple for the same bands) so if I say 'use 4' and transmit on 20m I want it to tune up for that segment on antenna 4. Ditto for 5, so I don't want to retune everything for one antenna...

-Brian n8wrl

507. Re: [acom-list] Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-01 14:52:21 UTC
From: alsopb
Topic: 506 Message: 507

This is one of the functions I wanted. I thought your communications with the switch box and amp via network was going to take care of this.

It does bring up an interesting question. How I use multiple antennas is to switch between them and see which is loudest. However, it seems like a bit hard of the ACOM to follow this switching in the RX mode. It seems like in addition to the switching of the ant during RX one needs a second pushbutton which then tells the amp "I want this antenna - change your settings to it now"

73 de Brian/K3KO

"Brian, N8WRL" wrote:
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> switching antennas based on what it 'thinks' is the last antenna used for a
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508. Re: [acom-list] Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-01 20:17:39 UTC
From: Brian, N8WRL
Topic: 506 Message: 508

Hi Brian!

You're right on. I see two pieces to this.

First, I do not want the amplifier picking antennas based on xmit freq. I want it to 'make do' with the antenna it is on (however it got there - more later) hopefully by tuning up or picking the right 'usr' tuning for that segment/antenna.

Second, I want my 'acom comms' to have some smarts about picking antennas. There are several aspects to this:

* Detect band changes made by the radio and select the antenna last used on that band, and tell the amp & switch about it (can't pick tuning segment, but at least band & ant gets close).

* Allow me to change antennas manually within the set of antennas which make sense for that band - again, tell the amp/switch about the choice.

* Allow me to pick antennas _outside_ of those that make sense for the band the rig is on, but inhibit xmit.

Now I'm not yet sure how much 'slaving' of the amp I want each time the band changes and/or antenna changes. I definately want the switch to change, but maybe not the amp (not sure if you can do one without the other in the acom networking schem). This still seems ok since I can detect the 'tx-gnd' change when the rig xmits, inhibit it, and tell the amp to change at that time. Might be more trouble than it's worth since the amp will probably change right along with the switch.

Anyway, I'm still confused about my original question - did I do enough to stop the amp from automagically changing antennas? That would put a big crimp in the whole plan, and since it is guessing wrong it is really annoying!

-Brian

----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, June 01, 2001 10:52 AM
Subject: Re: [acom-list] Disabling automatic antenna selection

> This is one of the functions I wanted. I thought your communications
> with the switch box and amp via network was going to take care of
> this.
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> It seems like in addition to the switching of the ant during RX one
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> 73 de Brian/K3KO
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>
>
>

509. Re: Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-02 17:30:34 UTC
From: dick.green@valley.net
Topic: 506 Message: 509

Brian,

I just did some experiments and determined that my amp works like this (I don't have the 2000S antenna switch):

Auto ON: The amp remembers the last antenna selected on each frequency segment. This works well when you have antennas that cover different portions of a band. For example, you might have separate dipoles for 80M CW and 75M SSB. When you go to a frequency segement for the first time, you manually select the appropriate antenna using the left/right arrow keys on the RCU. You have to press ENT to make the selection take. From that point on, whenever the amp detects a QSY to that frequency segment, it will remember the antenna you selected and retune to it. This is the mode I normally use. Unfortunately, it doesn't really do what I want, because I have antennas that cover the same segments on certain bands. What I really need the amp to do is follow whichever antenna I select with my Top Ten decoder and manual switch box (more on this below.)

Auto OFF: The amp uses whatever antenna you select from the RCU. It uses that antenna regardless of the segment selected. What's really annoying about this is that the amp writes your antenna choice to the memory of *every* segment. Thus, when you go back to using Auto ON, every segment is programmed to use the last antenna you selected in Auto OFF mode! This is a bug or design flaw in the firmware. It should have a single memory location dedicated to the single antenna selection made in Auto OFF mode, and should not mess with the antenna memory for each segment. Switching between modes would simply determine whether the single location or segment memories are used.

I don't have the 2000S, so I don't know if the amp does anything different when it is connected.

I suggest you read the post I made in May about this subject. In it, I describe what I think would be the ideal design. The idea is that the amp and switch should both be controlled by a combination of the transceiver, a band decoder and some manual switches. When you QSY on the transceiver, the band decoder information *and* the settings of a manual antenna selection switch would determine the correct antenna to use and that information would drive the amp and switch separately.

Since you are doing a Basic Stamp project, why not build it to do this? What I would do is build a panel with a set of monetary push-button switches, one for each antenna in your system. If you push one of the buttons, the Stamp would tell the 2000A and 2000S to select that antenna (requires two RS232 outputs from the Stamp.) The device

could also be designed to drive realys in other commercial antenna switches through a set of transistor outputs. Ideally, the Stamp would illuminate an LED that tells you which antenna is selected (or if you'r really ambitious, it could display that information on a small LCD panel.) The Stamp would also have an input from the transceiver's band data jack. When a new band is selected at the radio, the Stamp would tell the 2000A to QSY to that band. The Stamp would remember which antenna was selected for each band, so the amp will always use whatever antenna was last used on that band, unless you decide to change it by hitting one of the antenna selection buttons.

A better design would be to have the Stamp driven by the transceiver's CAT port. That way, you could detect which band segment to use and keep track of different antennas for each segment. Unfortunately, this won't work if you need the CAT port for contest software. However, clever use of diodes will allow you to tap the CAT port and have the Stamp monitor the traffic between the computer and radio. Then you could detect the frequency that the radio is set to and control both the amp and antenna switch using that information and the push buttons.

I don't know if the Stamp can support so many I/O channels. If it can, this would be a great device. I'd buy one.

73, Dick WC1M

--- In acom-list@y..., "Brian, N8WRL" <n8wrl@a...> wrote:
> Hi Brian!
>
> You're right on. I see two pieces to this.
>
> First, I do not want the amplifier picking antennas based on xmit freq. I
> want it to 'make do' with the antenna it is on (however it got there - more
> later) hopefully by tuning up or picking the right 'usr' tuning for that
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> stop the amp from automagically changing antennas? That would put a
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> annoying!
>
> -Brian
>
> ----- Original Message -----
> From: "alsopb" <alsopb@g...>
> To: <acom-list@y...>
> Sent: Friday, June 01, 2001 10:52 AM
> Subject: Re: [acom-list] Disabling automatic antenna selection
>
>
> > This is one of the functions I wanted. I thought your
communications
> > with the switch box and amp via network was going to take care of
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510. Re: [acom-list] Re: Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-02 18:52:57 UTC
From: alsopb
Topic: 506 Message: 510

Hi Dick,

I think it is a bit more complicated than your design. Multiple antennas/band or segment is a problem. These are selected manually external to the amp via the user-- it could be a separate antenna, stack, part of a stack or whatever. Each presents a different impedance to the amp. One has to be able to tell the amp (before xmitting) to dial in the new loading settings.

N8RWL is working on something which is similar to what you are describing. He has both the switch box and amp. He's using a stamp.

The BS2 stamp has 16 I/O lines. They can be TTL or RS-232. If that isn't enough there is a BS2SX-p chip with 32 I/O lines operating at 50MHz! It's about a $100 chip.

I started out to just drive the amp switch setting via the stamp. However, I could never master the network nonesense. I could tell the amp to do something and it would return stuff but never shut up. It just sent the same stuff back every second. Among other things it requires one constantly tell (ever min or so) the network that you're attached. It requires passing the info along to all others on the network etc. Much too complicated. All that was needed was something similar to a rotor interface. Query a device, the device talks back after handling whatever is requested.
I gave up.

What the ACOM amp really needed was simply a BCD input plus and enable line. One specifies the antenna # to it and it then (when told to via the enable line) looks up the settings for the last freq it was at and dials them in. If the freq is in a different segment then it goes through the current process of changing to the appropriate settings for the specified ant in the new segment.

Couldn't be simplier.

73 de Brian/K3KO

dick.green@... wrote:
>
> Brian,
>
> I just did some experiments and determined that my amp works like
> this (I don't have the 2000S antenna switch):
>
> Auto ON: The amp remembers the last antenna selected on each
> frequency segment. This works well when you have antennas that cover

> different portions of a band. For example, you might have separate
> dipoles for 80M CW and 75M SSB. When you go to a frequency segement
> for the first time, you manually select the appropriate antenna using
> the left/right arrow keys on the RCU. You have to press ENT to make
> the selection take. From that point on, whenever the amp detects a
> QSY to that frequency segment, it will remember the antenna you
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> >
> > ----- Original Message -----
> > From: "alsopb" <alsopb@g...>
> > To: <acom-list@y...>
> > Sent: Friday, June 01, 2001 10:52 AM
> > Subject: Re: [acom-list] Disabling automatic antenna selection
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> > > > > switching antennas based on what it 'thinks' is the last
> antenna used
> > for a
> > > > > frequency segment? I went to the 'def' menu and set 'automatic
> antenna
> > > > > switch' to 'off' but it seems like it is still doing it. I _do_
> want it
> > to
> > > > > be 'aware' of the different antennas (I have a couple for the
> same
> > bands) so
> > > > > if I say 'use 4' and transmit on 20m I want it to tune up for
> that
> > segment
> > > > > on antenna 4. Ditto for 5, so I don't want to retune everything
> for one
> > > > > antenna...
> > > > >
> > > > > -Brian n8wrl
> > > > >
> > > > > To unsubscribe, send an empty message to:
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511. Re: [acom-list] Re: Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-02 20:41:36 UTC
From: Brian, N8WRL
Topic: 506 Message: 511

Thanks so much for taking the time to experiment with this. I have to just sit down and do an exhaustive test - I haven't changed antennas much with the amp's control panel, just the switch. The amp makes the same antenna changes the switch does, so I assumed the result would be the same as making the selection via the control panel. Maybe not.

With auto switching on, it does things that astonish me sometimes. Among others, I have two tribanders and a warc beam. I'll carefully tune each up and operate, being careful to watch the antenna selected on each band. Then, I'll QSY to 17m, transmit, and the amp will select one of the tribanders and complain! I _know_ I never transmitted with that antenna on 17m, so I don't even know how it made that choice.

That's why I'm giving up on all the auto-change-on-xmit nonsense and try my hand at building something that makes antenna changes for _receive_, which is really when I want it. But, to get this to work at all, I have to stop the amp from making its silly selections.

As of now, I have 'Auto Antenna select' to OFF and it seems to still change the antenna when I xmit. I have to play some more I guess...

I didn't want to bother anyone on this reflector with it, but I'm working on a BASIC-stamp-based project. K3KO has been mentoring me on the hardware stuff so I've been keeping him posted on my results so far. Here's what I sent him last night:

...
I got some of the 'funky' 8-pin DIN's for the FT990's Band Data jack from RF-Connection today. I wired one up and hooked the band-a...d lines up to the stamp and tweaked my code a bit. Here's what it does now:

* I'm using one of those 2-line 16-char LCD displays to show band and antenna data. It would look something like this:
15m > 5=C31XR
* It has a list of bands, my antennas, and which antennas work on which bands.
* It Tracks band from the radio - as you change bands, it selects the last antenna used on that band (if there was one) or the first antenna defined for that band.
* There are up/down push-buttons for changing antennas. It cycles thru the antennas listed, and if the selected antenna is ok for the band the radio is on, it 'clears' it for xmit and remembers it for the next band change. If not, a blinking block appears, warning you not to xmit on this antenna.

I'm expecting the MAX232 chip next week so I hope to get the antenna changing signals to work too.

Some other ideas I have - wonder what you think:

* Handle the rig's tx-inhibit signal to prevent transmitting on an antenna that is not good for the band the rig is on. (Put some 'teeth' in behind the 'blinking cursor' :))
* Some sort of switch that forces antenna changes to stay valid within the current band or open it up to any antenna (with the 'do not xmit' flag).
* I'd like to use two radios with one amp, so perhaps I can use the tx-gnd signals from each rig to tell which radio wants to transmit. Based on that radio's mode and antenna selection, trigger relays to line them up with the amp, retune the amp as needed, all while keeping tx-inhibit on until everything is ready. Seems like this might be a neat feature for SO2R with one amp!

Hopefully I'll get the rs232 stuff worked out next week (travelling, but I'll be home for the weekend).

73!

-Brian

----- Original Message -----
From: <dick.green@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 02, 2001 01:30 PM
Subject: [acom-list] Re: Disabling automatic antenna selection

> Brian,
>
> I just did some experiments and determined that my amp works like
> this (I don't have the 2000S antenna switch):
>
> Auto ON: The amp remembers the last antenna selected on each
> frequency segment. This works well when you have antennas that cover
> different portions of a band. For example, you might have separate
> dipoles for 80M CW and 75M SSB. When you go to a frequency segement
> for the first time, you manually select the appropriate antenna using
> the left/right arrow keys on the RCU. You have to press ENT to make
> the selection take. From that point on, whenever the amp detects a
> QSY to that frequency segment, it will remember the antenna you
> selected and retune to it. This is the mode I normally use.
> Unfortunately, it doesn't really do what I want, because I have
> antennas that cover the same segments on certain bands. What I really
> need the amp to do is follow whichever antenna I select with my Top
> Ten decoder and manual switch box (more on this below.)
>
> Auto OFF: The amp uses whatever antenna you select from the RCU. It
> uses that antenna regardless of the segment selected. What's really
> annoying about this is that the amp writes your antenna choice to the
> memory of *every* segment. Thus, when you go back to using Auto ON,
> every segment is programmed to use the last antenna you selected in
> Auto OFF mode! This is a bug or design flaw in the firmware. It
> should have a single memory location dedicated to the single antenna

> selection made in Auto OFF mode, and should not mess with the antenna
> memory for each segment. Switching between modes would simply
> determine whether the single location or segment memories are used.
>
> I don't have the 2000S, so I don't know if the amp does anything
> different when it is connected.
>
> I suggest you read the post I made in May about this subject. In it,
> I describe what I think would be the ideal design. The idea is that
> the amp and switch should both be controlled by a combination of the
> transceiver, a band decoder and some manual switches. When you QSY on
> the transceiver, the band decoder information *and* the settings of a
> manual antenna selection switch would determine the correct antenna
> to use and that information would drive the amp and switch separately.
>
> Since you are doing a Basic Stamp project, why not build it to do
> this? What I would do is build a panel with a set of monetary push-
> button switches, one for each antenna in your system. If you push one
> of the buttons, the Stamp would tell the 2000A and 2000S to select
> that antenna (requires two RS232 outputs from the Stamp.) The device
> could also be designed to drive realys in other commercial antenna
> switches through a set of transistor outputs. Ideally, the Stamp
> would illuminate an LED that tells you which antenna is selected (or
> if you'r really ambitious, it could display that information on a
> small LCD panel.) The Stamp would also have an input from the
> transceiver's band data jack. When a new band is selected at the
> radio, the Stamp would tell the 2000A to QSY to that band. The Stamp
> would remember which antenna was selected for each band, so the amp
> will always use whatever antenna was last used on that band, unless
> you decide to change it by hitting one of the antenna selection
> buttons.
>
> A better design would be to have the Stamp driven by the
> transceiver's CAT port. That way, you could detect which band segment
> to use and keep track of different antennas for each segment.
> Unfortunately, this won't work if you need the CAT port for contest
> software. However, clever use of diodes will allow you to tap the CAT
> port and have the Stamp monitor the traffic between the computer and
> radio. Then you could detect the frequency that the radio is set to
> and control both the amp and antenna switch using that information
> and the push buttons.
>
> I don't know if the Stamp can support so many I/O channels. If it
> can, this would be a great device. I'd buy one.
>
> 73, Dick WC1M
>
> --- In acom-list@y..., "Brian, N8WRL" <n8wrl@a...> wrote:
> > Hi Brian!
> >

> > You're right on. I see two pieces to this.
> >
> > First, I do not want the amplifier picking antennas based on xmit
> freq. I
> > want it to 'make do' with the antenna it is on (however it got
> there - more
> > later) hopefully by tuning up or picking the right 'usr' tuning for
> that
> > segment/antenna.
> >
> > Second, I want my 'acom comms' to have some smarts about picking
> antennas.
> > There are several aspects to this:
> >
> > * Detect band changes made by the radio and select the antenna last
> used on
> > that band, and tell the amp & switch about it (can't pick tuning
> segment,
> > but at least band & ant gets close).
> >
> > * Allow me to change antennas manually within the set of antennas
> which make
> > sense for that band - again, tell the amp/switch about the choice.
> >
> > * Allow me to pick antennas _outside_ of those that make sense for
> the band
> > the rig is on, but inhibit xmit.
> >
> > Now I'm not yet sure how much 'slaving' of the amp I want each time
> the band
> > changes and/or antenna changes. I definately want the switch to
> change, but
> > maybe not the amp (not sure if you can do one without the other in
> the acom
> > networking schem). This still seems ok since I can detect the 'tx-
> gnd'
> > change when the rig xmits, inhibit it, and tell the amp to change
> at that
> > time. Might be more trouble than it's worth since the amp will
> probably
> > change right along with the switch.
> >
> > Anyway, I'm still confused about my original question - did I do
> enough to
> > stop the amp from automagically changing antennas? That would put a
> big
> > crimp in the whole plan, and since it is guessing wrong it is really
> > annoying!
> >
> > -Brian

> >
> > ----- Original Message -----
> > From: "alsopb" <alsopb@g...>
> > To: <acom-list@y...>
> > Sent: Friday, June 01, 2001 10:52 AM
> > Subject: Re: [acom-list] Disabling automatic antenna selection
> >
> >
> > > This is one of the functions I wanted. I thought your
> communications
> > > with the switch box and amp via network was going to take care of
> > > this.
> > >
> > > It does bring up an interesting question. How I use multiple
> antennas
> > > is to switch between them and see which is loudest. However, it
> seems
> > > like a bit hard of the ACOM to follow this switching in the RX
> mode.
> > > It seems like in addition to the switching of the ant during RX
> one
> > > needs a second pushbutton which then tells the amp "I want this
> > > antenna - change your settings to it now"
> > >
> > > 73 de Brian/K3KO
> > >
> > >
> > > "Brian, N8WRL" wrote:
> > > >
> > > > Good morning!
> > > >
> > > > Is there anything more I have to do to keep the 2000A from
> automatically
> > > > switching antennas based on what it 'thinks' is the last
> antenna used
> > for a
> > > > frequency segment? I went to the 'def' menu and set 'automatic
> antenna
> > > > switch' to 'off' but it seems like it is still doing it. I _do_
> want it
> > to
> > > > be 'aware' of the different antennas (I have a couple for the
> same
> > bands) so
> > > > if I say 'use 4' and transmit on 20m I want it to tune up for
> that
> > segment
> > > > on antenna 4. Ditto for 5, so I don't want to retune everything
> for one
> > > > antenna...

> > > >
> > > > -Brian n8wrl
> > > >
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>

512. Re: Disabling automatic antenna selection

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 02:02:37 UTC
From: Brian, N8WRL
Topic: 506 Message: 512

Well it definately matters where the antenna change commands come from! If I change antennas from the switchbox, the amp acts like auto-change is on and goes back to the antenna it used before. If you change antennas from the RCU, it stays put.

Two antennas, both tribanders (10/15/20) #4 and #5.

Amp and switch are on #4
28.1 - send a dit - amp stays on 4
21.1 - send a dit - amp stays on 4
Using switch, change to 5
21.1 - send a dit - amp stays on 5
28.1 - send a dit - amp goes back to 4!
21.1 - send a dit - amp goes back to 5!

Start over - using RCU, amp and switch are on 4 again
28.1 - send a dit - amp stays on 4
21.1 - send a dit - amp stays on 4
Using RCU, change to 5
21.1 - send a dit - amp stays on 5
28.1 - send a dit - amp stays on 5
21.1 - send a dit - amp stays on 5

So it seems pretty clear that you shouldn't be using the switchbox for changing antennas if you want the amp to behave. I wonder why that is?

-Brian

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 02, 2001 04:41 PM
Subject: Re: [acom-list] Re: Disabling automatic antenna selection

> Thanks so much for taking the time to experiment with this. I have to just
> sit down and do an exhaustive test - I haven't changed antennas much with
> the amp's control panel, just the switch. The amp makes the same antenna
> changes the switch does, so I assumed the result would be the same as
making
> the selection via the control panel. Maybe not.
> ...

513. Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 02:18:40 UTC
From: Brian, N8WRL
Topic: 513 Message: 513

Oh boy this is scary!

I've been experimenting with sending commands to the switch and the amp to get it to change antennas. Until tonight, I was just playing with the switch - amp was off. Serial cable connected to 'PC' port on switch, and slider set to 'PC', not 'AMP'.

I could reliably send a command like 'QqW34' which means, To switch (Q), from PC (q), change antenna (W3) to #4. All this comes from the switchbox manual.

With the amp turned on, things get pretty weird (and scary) fast!

I have found that when the switch's slider is in PC and not AMP, changes made to the antenna on the RCU are ignored by the switch, and the amp complains about the switch malfunctioning. You cannot control the switch from the amp if the switch is expecting commands from the pc.

So I tried controlling both from the PC.

I have a copy of a spreadsheet Krassy sent me that seems to summarize the serial commands you can use, but it is pretty (very) cryptic. It says W3 'Retrieves last motor settings for current segment with antenna x from nonvatile memory'. You have to change the address a bit since the amp will be 'A':

AqW34 - the amp and the switch both go to #4. You can transmit on the band the amp shows and it looks good.

But, Change bands and transmit - the amp makes a 'tuning sound', it cycles from oper-stby-oper but you can't transmit! Manually go to standby and the display changes to reflect the band change you made BUT the LAST antenna for that band, maybe not the one you sent! Back to oper and you can transmit.

Now it gets worse - if you play with these commands after a while and try to transmit while it is having trouble communicating with the switch you'll get some sort of a 'G2 Voltage Too Low' fault and I have to physically cycle power on the amp to wake it back up.

I stopped playing at that point.

What the heck is this?? I'm working on this project to track band changes from my radio and select antennas and tell the switch & amp about them. It seems pretty clear that this isn't going to work!

The only thing so far I haven't tried is taking the switch out of the loop - connect directly to the amp to see what happens... I'll do that next.

-Brian n8wrl

514. Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 02:42:58 UTC
From: Brian, N8WRL
Topic: 513 Message: 514

Quick followup - with the amp disconnected from the switch altogether and connected directly to the PC it behaves just like it was connected to the switch - if the antenna change command came from the RCU, life is good. If not, it does its 'auto switch' business. I guess I should have expected that because I am sending the same commands the switch would...

I've sent a note to ACOM - hopefully someone will reply.

-Brian n8wrl

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 02, 2001 10:18 PM
Subject: Serial commands to amp

> ...
> The only thing so far I haven't tried is taking the switch out of the loop -
> connect directly to the amp to see what happens... I'll do that next.
>
> -Brian n8wrl
>

515. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 11:53:16 UTC
From: Gerry Hull
Topic: 513 Message: 515

Brian,

Remeber that the serial "network" is round-robin!

Since TX from the PC is connected to RX on the Switch, and TX on the Switch is connected to RX on the amp, and from the amp vice versa, when you issue a command to change antennas with the switch connected, the reply from the switch that the action completed OK MUST be echoed by the PC back to the amplifier... This puts a little more burden on the PC, and is completely different when the switch is not involved.

I have a non-ham software engineer, who I work with on a professional basis on other projects, working at the Acom factory in Sofia at the moment. He is working with the guys there to build a very solid communications controller component. This will be an Automation Component which canbe used by any Windows application. It won't help you PIC/uController guys, but it will make PC-based control very straightforward.

Yes, the protocol is tricky. I am setting up the PC application to both control the switch seperately from the amplifier, and with the amplifier in place. From a contesting perspective, I think it will be more flexible to have antenna control seperate from the amplifier. This will require another COM port, but I think it is a good tradeoff.

Gerry, W1VE/VE1RM
****
Hull Computer Consulting
POB C, Greenfield, NH 03047
email: windev@...
web: http://www.inetmarket.com/
****

516. Antenna Control by Frequency...

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 12:01:34 UTC
From: Gerry Hull
Topic: 516 Message: 516

Guys,

Just to let you understand how I've implemented antenna control by frequency, when using seperate control via 2 COM ports:

1. Operating Frequency is determined by a plug in to current software application in use; the frequency info comes from your radio.

2. In the user interface, you describe the antennas on the 10 ports of Acom Switch, in terms of
1. operating frequency range,
2. Is it the perferred antenna for that range.
3. Text Description.

Of Course, overlapping ranges are important!

3. The software remembers the last antenna used for a given frequency segment. When you return to that frequency range, the last-used antenna will be reselected.

4. If you go to a frequency which has no previous antenna, the default antenna for that segment is used.

-Gerry

517. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 12:22:47 UTC
From: alsopb
Topic: 513 Message: 517

Gerry,

It is more than just another COM port needed.

Unfortunely you are targeting WINDOWS. Neither this nor a DOS
dedicated task helps most of us. The NA/TR/CT programs are still all
DOS. CT does not work at all in a window. Writelog has its own
problems and illustrates the problems inherrent in WINDOWS based
contest programs.

Anyhow what we don't need is another window/program to hop to to
change antennas. Analog switches still seem to be the most efficient
user interface here. This is why the PIC/STAMP path was chosen. IMHO
one needs a software solution imbedded in a hardware chip which is
independent of the PC or operating system used for the logging
software.

73 de Brian/K3KO

Gerry Hull wrote:
>
> Brian,
>
> Remeber that the serial "network" is round-robin!
>
> Since TX from the PC is connected to RX on the Switch, and TX on the
> Switch is connected to RX on the amp, and from the amp vice versa,
> when you issue a command to change antennas with the switch connected,
> the reply from the switch that the action completed OK MUST be echoed by
> the PC back to the amplifier... This puts a little more burden on the
> PC, and is completely different when the switch is not involved.
>
> I have a non-ham software engineer, who I work with on a professional
> basis on other projects, working at the Acom factory in Sofia at the
> moment. He is working with the guys there to build a very solid
> communications controller component. This will be an Automation
> Component which canbe used by any Windows application. It won't
> help you PIC/uController guys, but it will make PC-based control very
> straightforward.
>
> Yes, the protocol is tricky. I am setting up the PC application to
> both control the switch seperately from the amplifier, and with the
> amplifier in place. From a contesting perspective, I think it will be
> more flexible to have antenna control seperate from the amplifier. This
> will require another COM port, but I think it is a good tradeoff.
>

> Gerry, W1VE/VE1RM
> **********
> Hull Computer Consulting
> POB C, Greenfield, NH 03047
> email: windev@...
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518. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 12:54:08 UTC
From: Gerry Hull
Topic: 513 Message: 518

Go for it, Brian!

I am targeting Windows; for you guys who want to do the PIC way, go for it! If you want to stick with NA/TR/CT, that's a good solution! If you build a solution for those apps, and want to share it or sell it, you're welcome. I building a Windows solution because that's what a lot of people are using and have asked for. If your are willing to share your efforts, I'm sure you'll make a lot of people happy.

I think that if you want to look at the top-ten box for many major contests, you'll see a lot of Writelog users in there. At some multi operations, we use CT because we have alot invested in the infrastructure. At other stations, we use Writelog.... 25Meg+ scores without any "problems inherrent in WINSOWS based contest programs." Anyway, no need to get into a religous war over "who's the best" in contest software... I own CT/NA/TR and Writelog! From a software integeration point of view, the Windows platform makes it very easy. And, besides us contesters, there are lots of DXers and casual hams out there running windows software -- Right now I have interfaces designed for LogWinows, DX4WIN, and TRXManager.

Since these software solutions for antenna switching are new, it is a tough decision to rework an infrastructure if you've invested alot in TopTen/Array Solutions/and DOS-based applications.

Perhaps another PIC solution, besides the ACOM, would be a serial interface to a PIC, providing "generic" frequency information to drive antenna switches, so that you can eliminate the need for a decoding box for each type of radio... Anyway, that is best taken offline of this ACOM reflector.

73, Gerry, W1VE/VE1RM

519. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 13:20:46 UTC
From: Barry Kutner
Topic: 513 Message: 519

I was a little perplexed by the "problems inherrent in WINSOWS based contest programs" comment, too. I have been a satisfied Writelog user for 3+ years now (all 3 modes). I hear that a Windows version of TR is in the works.

Gerry, would you care to give the group a status report on your Acom software? I think we're all waiting with baited breath, and have been somewhat disappointed by the missed release dates.

73,
Barry W2UP

On 3 Jun 01, Gerry Hull wrote:

> Go for it, Brian!
>
> I am targeting Windows; for you guys who want to do the PIC
> way, go for it! If you want to stick with NA/TR/CT, that's a good
> solution! If you build a solution for those apps, and want to share it
> or sell it, you're welcome. I building a Windows solution because
> that's what a lot of people are using and have asked for. If your are
> willing to share your efforts, I'm sure you'll make a lot of people
> happy.
>
> I think that if you want to look at the top-ten box for many major
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> operations, we use CT because we have alot invested in the
> infrastructure. At other stations, we use Writelog.... 25Meg+ scores
> without any "problems inherrent in WINSOWS based contest programs."
> Anyway, no need to get into a religous war over "who's the best" in
> contest software... I own CT/NA/TR and Writelog! From a software
> integeration point of view, the Windows platform makes it very easy.
> And, besides us contesters, there are lots of DXers and casual hams out
> there running windows software -- Right now I have interfaces designed
> for LogWinows, DX4WIN, and TRXManager.
>
> Since these software solutions for antenna switching are new, it is a
> tough decision to rework an infrastructure if you've invested alot in
> TopTen/Array Solutions/and DOS-based applications.
>
> Perhaps another PIC solution, besides the ACOM, would be a serial
> interface to a PIC, providing "generic" frequency information to drive
> antenna switches, so that you can eliminate the need for a decoding box
> for each type of radio... Anyway, that is best taken offline of this
> ACOM reflector.
>

> 73, Gerry, W1VE/VE1RM
>
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>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

520. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 13:29:17 UTC
From: Mike n1wlc
Topic: 513 Message: 520

DITTO on the software Gerry, still waiting here also my friend. Any time soon??

-------Original Message-------

From: Barry Kutner
Date: Sunday, June 03, 2001 09:20:40 AM
To: Gerry Hull; acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Serial commands to amp

I was a little perplexed by the "problems inherrent in WINSOWS based contest programs" comment, too. I have been a satisfied Writelog user for 3+ years now (all 3 modes). I hear that a Windows version of TR is in the works.

Gerry, would you care to give the group a status report on your Acom software? I think we're all waiting with baited breath, and have been somewhat disappointed by the missed release dates.

73,
Barry W2UP

On 3 Jun 01, Gerry Hull wrote:

> Go for it, Brian!
>
> I am targeting Windows; for you guys who want to do the PIC
> way, go for it! If you want to stick with NA/TR/CT, that's a good
> solution! If you build a solution for those apps, and want to share it
> or sell it, you're welcome. I building a Windows solution because
> that's what a lot of people are using and have asked for. If your are
> willing to share your efforts, I'm sure you'll make a lot of people
> happy.
>
> I think that if you want to look at the top-ten box for many major
> contests, you'll see a lot of Writelog users in there. At some multi
> operations, we use CT because we have alot invested in the
> infrastructure. At other stations, we use Writelog.... 25Meg+ scores
> without any "problems inherrent in WINSOWS based contest programs."
> Anyway, no need to get into a religous war over "who's the best" in
> contest software... I own CT/NA/TR and Writelog! From a software
> integeration point of view, the Windows platform makes it very easy.
> And, besides us contesters, there are lots of DXers and casual hams out
> there running windows software -- Right now I have interfaces designed
> for LogWinows, DX4WIN, and TRXManager.
>
> Since these software solutions for antenna switching are new, it is a

> tough decision to rework an infrastructure if you've invested alot in
> TopTen/Array Solutions/and DOS-based applications.
>
> Perhaps another PIC solution, besides the ACOM, would be a serial
> interface to a PIC, providing "generic" frequency information to drive
> antenna switches, so that you can eliminate the need for a decoding box
> for each type of radio... Anyway, that is best taken offline of this
> ACOM reflector.
>
> 73, Gerry, W1VE/VE1RM
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

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[Non-text portions of this message have been removed]

521. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 13:47:16 UTC
From: Gerry Hull
Topic: 513 Message: 521

Hi Barry and others,

Sure. As I mentioned in the previous post, I have had the fortuneate luck working with a very excellent Windows software engineer, on full-time commercial work, who happens to live in Sofia, Bulgaria. Although not a ham, he understands hardware very well, and has an excellent command of English. By having someone one site, we can resolve all the remaining issues quickly.

He has been parked at the ACOM factory in Sofia this week, writing a new interface component for me, working out any wierdness in the communications protocol, and getting everything solid.

(BTW, Krassy has been there since last weekend; he will be back Tuesday)

There have been lots of reasons why this software has been delayed, which you don't need to hear.

I expect my partner in Sofia to be finishing up this week, and as soon as integrate with his results, we will have a version posted for you guys to play with.

- Gerry

> Gerry, would you care to give the group a status report on your
> Acom software? I think we're all waiting with baited breath, and
> have been somewhat disappointed by the missed release dates.

522. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 14:18:09 UTC
From: Brian, N8WRL
Topic: 513 Message: 522

HI Gerry - thanks for the reply!

For simplicity, let's stick with the 'single control' scenario - PC to amp.

PC->Amp - I can send the W3 command to change antennas, but even with the 'auto antenna change' set fo 'off', it STILL changes to the last antenna used on that segment when I key up. This does not happen if the antenna change happened from the RCU. Have you seen this?

What I'm trying to do is keep things as simple as I can - I was hoping that once an antenna was set, the amp would still sense frequency when the rig keys up and tune up on the right segment for _that_ antenna (not try to change). I'm hoping I don't have to send antenna _and_ segment because that means I have to monitor rig freq! It would be much simpler if I didn't have to do that...

Any ideas on why the amp is doing this?

-Brian n8wrl

----- Original Message -----
From: "Gerry Hull" <windev@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, June 03, 2001 07:53 AM
Subject: Re: [acom-list] Re: Serial commands to amp

> Brian,
>
> Remeber that the serial "network" is round-robin!
>
> Since TX from the PC is connected to RX on the Switch, and TX on the
> Switch is connected to RX on the amp, and from the amp vice versa,
> when you issue a command to change antennas with the switch connected,
> the reply from the switch that the action completed OK MUST be echoed by
> the PC back to the amplifier... This puts a little more burden on the
> PC, and is completely different when the switch is not involved.
>
> I have a non-ham software engineer, who I work with on a professional
> basis on other projects, working at the Acom factory in Sofia at the
> moment. He is working with the guys there to build a very solid
> communications controller component. This will be an Automation
> Component which canbe used by any Windows application. It won't
> help you PIC/uController guys, but it will make PC-based control very
> straightforward.
>
> Yes, the protocol is tricky. I am setting up the PC application to
> both control the switch seperately from the amplifier, and with the

> amplifier in place. From a contesting perspective, I think it will be
> more flexible to have antenna control seperate from the amplifier. This
> will require another COM port, but I think it is a good tradeoff.
>
> Gerry, W1VE/VE1RM
> **********
> Hull Computer Consulting
> POB C, Greenfield, NH 03047
> email: windev@...
> web: http://www.inetmarket.com/
> **********
>
>
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523. Re: [acom-list] Re: Serial commands to amp

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-03 15:49:19 UTC
From: Mike n1wlc
Topic: 513 Message: 523

Thank You Gerry, I know you have been working hard and not employed by acom.
..

-------Original Message-------

From: Gerry Hull
Date: Sunday, June 03, 2001 09:48:57 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Serial commands to amp

Hi Barry and others,

Sure. As I mentioned in the previous post, I have had the fortuneate
luck working with a very excellent Windows software engineer, on
full-time commercial work, who happens to live in Sofia, Bulgaria.
Although not a ham, he understands hardware very well, and has an
excellent command of English. By having someone one site, we can
resolve all the remaining issues quickly.

He has been parked at the ACOM factory in Sofia this week, writing a new
interface component for me, working out any wierdness in the
communications protocol, and getting everything solid.

(BTW, Krassy has been there since last weekend; he will be back Tuesday)

There have been lots of reasons why this software has been delayed,
which you don't need to hear.

I expect my partner in Sofia to be finishing up this week, and as soon
as integrate with his results, we will have a version posted for you
guys to play with.

- Gerry

> Gerry, would you care to give the group a status report on your
> Acom software? I think we're all waiting with baited breath, and
> have been somewhat disappointed by the missed release dates.

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[Non-text portions of this message have been removed]

524. Acom 2000SW Switch For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-04 12:21:20 UTC
From: Richard Thorne
Topic: 524 Message: 524

Hi Group:

I have my 2000sw 10 position switch for sale. Comes with the cable that connects the switch controller to the amp.

Like new condition. $450

--
Richard Thorne
N5ZC
Amarillo, TX

525. SW2000 For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-16 01:17:08 UTC
From: Richard Thorne
Topic: 525 Message: 525

I have the SW2000 switch/controller for sale. I have an extra set of connectors to make your own cable.

$450/OBO

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # N5ZC
Web Page: http://www.tcac.net/~rthorne/index.html

526. Archive

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-20 17:46:45 UTC
From: Richard Thorne
Topic: 526 Message: 526

How does one search the archive for this list?

Thanks in advance.

--
Richard Thorne
Advo Companies, Inc.
806-342-0600

527. Re: [acom-list] Archive

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-20 19:27:15 UTC
From: Barry Kutner
Topic: 526 Message: 527

Go to www.yahoogroups.com. You have to log in, select the list
you want to review, and the archives are presented to you.
Barry

On 20 Jun 01, at 12:46, Richard Thorne wrote:

> How does one search the archive for this list?
>
> Thanks in advance.
>
> --
> Richard Thorne
> Advo Companies, Inc.
> 806-342-0600
>
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

528. FS: Acom 2000SW Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-21 00:42:39 UTC
From: Richard Thorne
Topic: 528 Message: 528

Ok, last call. How about $375 for the switch/controller plus shipping.
Its surplus to my needs and is in excellent condition. I was using it
in my remote controlled station which has been dismantled. We're moving
out to the country soon and I'll get to put a tower up in the back yard
again.

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # N5ZC
Web Page: http://www.tcac.net/~rthorne/index.html

529. Re:Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-22 23:14:26 UTC
From: aa1nd@aol.com
Topic: 529 Message: 529

Hi Rich ,
What going on. Do you move from your home. Way you sale your ant switch ?
Krassy

530. FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-23 23:43:04 UTC
From: alsopb
Topic: 530 Message: 530

Guys,

At 626 hours the amp starts up and in 12 seconds it trips:

Filiament current too low:
0 amps.

The amp worked fine the last time it was turned off a day ago.

One can't do a heck of a lot of troubleshooting in 12 seconds.

My first guess is that the tube filiaments went open. However, if I
believe the 0 amps, both would have to have failed simultaneously--
SEEMS highly unlikely. Will pull one tube and check it.

Next guess bad molex connector in the filiament circuit.

Next guess bad LV xfmr.

Has anyone else out there had this trip? How was it fixed?

73 de Brian/K3KO

531. Re: [acom-list] FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-24 01:13:42 UTC
From: alsopb
Topic: 530 Message: 531

After digging around a bit, I think I found the source of the problem.

The tubes were fine.

However, the molex connector (JP6) had one pin which blackened and partially melted the pin connector cavity. The receptacle pin was somewhat corroded. The PC board pin was fine except for a tiny pit--probably where the only point of contact was.

I pulled the receptacle pin from the block, cleaned it and sprung it out some for a snugger fit. Since the melting enlarged the cavity some, I stuck a piece of wooden toothpick in the extra space. When JP6 was reseated on the PCB pins, I made sure all were firmly down. The problem pin seemed to be making good contact again.

To get at this one has to remove the power transformer. JP6 is easily accessible afterwards.

The amp started up OK.

I'll have to ask Krassy on Monday what the permanent fix is. I really hate Molex connectors! A buddy of mine had one fail in his QRO amp filiament circuit also.

73 de Brian/K3KO

alsopb wrote:
>
> Guys,
>
> At 626 hours the amp starts up and in 12 seconds it trips:
>
> Filiament current too low:
> 0 amps.
>
> The amp worked fine the last time it was turned off a day ago.
>
> One can't do a heck of a lot of troubleshooting in 12 seconds.
>
> My first guess is that the tube filiaments went open. However, if I
> believe the 0 amps, both would have to have failed simultaneously--
> SEEMS highly unlikely. Will pull one tube and check it.
>
> Next guess bad molex connector in the filiament circuit.
>
> Next guess bad LV xfmr.
>

> Has anyone else out there had this trip? How was it fixed?
>
> 73 de Brian/K3KO
>
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532. Re: [acom-list] FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-24 08:27:30 UTC
From: Howard Klein
Topic: 530 Message: 532

Brian,
I think you did some good detective work. I had a similar problem. Krassy advised returning the unit for replacement of Molex connectors since they had a bad batch (about 50) in certain serial numbers (possibly first 50). Apparently they are being replaced on a as needed basis. Took about a week to turn it around. All in all I'd say can't expect much better service.

Howard..K2HK

>
>After digging around a bit, I think I found the source of the problem.
>
>The tubes were fine.
>
>However, the molex connector (JP6) had one pin which blackened and
>partially melted the pin connector cavity. The receptacle pin was
>somewhat corroded. The PC board pin was fine except for a tiny pit--
>probably where the only point of contact was.
>
>I pulled the receptacle pin from the block, cleaned it and sprung it
>out some for a snugger fit. Since the melting enlarged the cavity
>some, I stuck a piece of wooden toothpick in the extra space. When
>JP6 was reseated on the PCB pins, I made sure all were firmly down.
>The problem pin seemed to be making good contact again.
>
>To get at this one has to remove the power transformer. JP6 is easily
>accessible afterwards.
>
>The amp started up OK.
>
>I'll have to ask Krassy on Monday what the permanent fix is. I really
>hate Molex connectors! A buddy of mine had one fail in his QRO amp
>filiament circuit also.
>
>73 de Brian/K3KO
>
>alsopb wrote:
> >
> > Guys,
> >
> > At 626 hours the amp starts up and in 12 seconds it trips:
> >
> > Filiament current too low:
> > 0 amps.
> >

> > The amp worked fine the last time it was turned off a day ago.
> >
> > One can't do a heck of a lot of troubleshooting in 12 seconds.
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> > My first guess is that the tube filiaments went open. However, if I
> > believe the 0 amps, both would have to have failed simultaneously--
> > SEEMS highly unlikely. Will pull one tube and check it.
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> >
> > Has anyone else out there had this trip? How was it fixed?
> >
> > 73 de Brian/K3KO
> >

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533. Re: [acom-list] FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-24 03:27:50 UTC
From: A. J. (Jim) Movius
Topic: 530 Message: 533

Greetings,

Mine did the same at about 1000 hours, traced to 2 burned Molex connectors-
there are 3 pair in the filament power leads. Acom supplied new connectors
at no charge even though my unit was out of warranty. Explanation was bad
batch of connectors for the earlier units. My Serial No. is 990147,
purchased Spring 1999.
Jim, KL7JM

----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 23, 2001 3:43 PM
Subject: [acom-list] FILIAMENT CURRENT TRIP

> Guys,
>
> At 626 hours the amp starts up and in 12 seconds it trips:
>
> Filiament current too low:
> 0 amps.
>
> The amp worked fine the last time it was turned off a day ago.
>
> One can't do a heck of a lot of troubleshooting in 12 seconds.
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> My first guess is that the tube filiaments went open. However, if I
> believe the 0 amps, both would have to have failed simultaneously--
> SEEMS highly unlikely. Will pull one tube and check it.
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> Next guess bad molex connector in the filiament circuit.
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> Next guess bad LV xfmr.
>
> Has anyone else out there had this trip? How was it fixed?
>
> 73 de Brian/K3KO
>
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534. Re: [acom-list] FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-24 11:15:42 UTC
From: alsopb
Topic: 530 Message: 534

Three pair? Could you expand on that? I only see a single connector
with four leads on the LV board. Guess I have to look at the other
end at the tube socket board. After "fixing" it, the problem occurred
again after a few more start-ups.

73 de Brian/K3KO
"A. J. (Jim) Movius" wrote:
>
> Greetings,
>
> Mine did the same at about 1000 hours, traced to 2 burned Molex connectors-
> there are 3 pair in the filament power leads. Acom supplied new connectors
> at no charge even though my unit was out of warranty. Explanation was bad
> batch of connectors for the earlier units. My Serial No. is 990147,
> purchased Spring 1999.
> Jim, KL7JM
>
> ----- Original Message -----
> From: "alsopb" <alsopb@...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, June 23, 2001 3:43 PM
> Subject: [acom-list] FILIAMENT CURRENT TRIP
>
> > Guys,
> >
> > At 626 hours the amp starts up and in 12 seconds it trips:
> >
> > Filiament current too low:
> > 0 amps.
> >
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> > Has anyone else out there had this trip? How was it fixed?
> >
> > 73 de Brian/K3KO

> >
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535. Re: [acom-list] FILIAMENT CURRENT TRIP

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-25 04:29:22 UTC
From: A. J. (Jim) Movius
Topic: 530 Message: 535

Hi Brian,

In response to your question, I am sending the email received from Acom when I had the problem.
Best wishes,
Jim Movius, KL7JM
----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, June 24, 2001 3:15 AM
Subject: Re: [acom-list] FILIAMENT CURRENT TRIP

> Three pair? Could you expand on that? I only see a single connector
> with four leads on the LV board. Guess I have to look at the other
> end at the tube socket board. After "fixing" it, the problem occurred
> again after a few more start-ups.
>
>
> 73 de Brian/K3KO
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> >
> > Greetings,
> >
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> > there are 3 pair in the filament power leads. Acom supplied new connectors
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> > batch of connectors for the earlier units. My Serial No. is 990147,
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> > Jim, KL7JM
> >
> > ----- Original Message -----
> > From: "alsopb" <alsopb@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Saturday, June 23, 2001 3:43 PM
> > Subject: [acom-list] FILIAMENT CURRENT TRIP
> >
> > > Guys,
> > >
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> > >
> > > Filiament current too low:
> > > 0 amps.

> > >
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>

536. Fw:

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-25 04:31:08 UTC
From: A. J. (Jim) Movius
Topic: 536 Message: 536

Brian, here's the email from Acom,
Best wishes,
Jim Movius, KL7JM
----- Original Message -----
From: acom
To: A. J. (Jim) Movius
Sent: Monday, February 05, 2001 5:49 AM

Hello Jim,

I'm sorry that you have a problem with our amplifier. Since we have had several similar problems on other amplifiers, I suppose that it's the same again. Obviously, we have supplied a bad lot of connectors for the heater circuit.

If you don't feel comfortable with repairs, you could send the amplifier to Krassy/K1LZ in MA, we will ask him too. If you however wanted to repair it by yourself, here is some technical information you may need.

There are three connectors in the heater circuit. Please make an internal visual examination as described below. Please check also the file "A2HTR.pdf" that is attached to this file: it contains a schematic diagram of the heater wiring.

****
****

Safety First!

W A R N I N G HIGH VOLTAGE!

==========

The amplifier works with high voltages up to 3000V which is LETHAL! For your safety pull the amplifier power plug out of the mains wall outlet and WAIT AT LEAST 30minutes EACH TIME BEFORE you remove the cover of the amplifier. Disconnect all cables from the amplifier (grounding last). Do not touch any part inside while the amplifier is open because some residual voltages may still be present!

****
****

Pull the mains cord out and wait about 30 minutes to let the residual charges accumulated in the high voltage circuits to discharge. Remove the top cover of the amplifier. Check carefully whether the LID CROWBAR (mounted on the middle chassis wall) does reliably short-circuit the HIGH VOLTAGE when the top cover is removed. Remove the high voltage power transformer.

Look over the heater connectors: maybe they have marks of overheating if a bad connection is present there. If they are natural-white color, please remove all three of them. You can

solder the wires directly to the PCB in the tube deck (using additional insulation tubing). On the LV transformer and supply PCB side it's better to use "free-hanging" external connectors (for 8-10A nominal current) instead of soldering them directly.

If the connectors are orange color and seem to be in good condition, you may left them as they are since we have not met problems with them till now. If however they are natural-white color, please remove them even if they seem OK: you would prevent an eventual future problem since these are of a bad lot.

C A U T I O N

Please pay attention not to interchange four wires while removing the connectors, so reconnect them ONE BY ONE!.

Here is more information about the heaters circuitry and how to access its wiring.

1. Find the Low Voltage (LV) Supply PCB which is located behind the apparent front panel, just below the HV rectifier and below the HV filtering capacitors block. It is mounted on a L-shaped little aluminium chassis, together with a smaller black (150VA) transformer. This transformer supplies the heater voltage to the LV PCB, via a 4-contact connector (four heavier wires). The connector is located just on the LV PCB's corner, on its right-side edge (facing front).

2. On the LV PCB the heater voltage is controlled by two relays: the HTR-ON (K1) and HTR-STEP (K2) relays. Then it is fed through a similar 4-contact connector (same as JP5) and another four heavy wires, via the cable harness, to the tube deck. The second connector is located on the same PCB's corner, but on its back-side edge (laying in parallel to the front panel).

3. Remove the little cover under the tube deck in order to access the third heater connector (marked JP1). For this purpose place the amplifier laying "up side down" on the table in order to access a small bottom cover below both tubes. Unscrew its 6 periphery screws M3x8 (do not unscrew screws inside the cover area).

Be careful - a PCB and a power resistor are mounted on this cover and are connected with cables to the tube deck. Displace bottom cover carefully and apply external light. Examine tube deck inside.

The four heavier wires come in the tube deck and connect there via a 4-contact connector (of the same size as in the LV PCB, marked JP1), to the tubes sockets wiring. Look over JP1.

For information only (to complete the circuit description): the heater voltage is fed via JP1 to the soldering pad marked "COM", in parallel to both sockets. Then it is returned via a smaller wire, for feedback monitoring, to the point marked "htrvmi via a smaller 4-contact connector (JP2 - contact 4). It continues through the cable harness to the INTERFACE PCB for monitioring. The tubes nominal heater voltage and current is 12.6V/2x3.6A.

Please inform me about the results of your inspection. Of course, additional information is available as needed.

P.S.

I'm sorry, it seems that we missed your previous message. Yes, I'll certainly send the CD by air mail and free of charge for you. Please tell me your exact address where I have to mail it.

About the tubes estimated life and warranty period. Yes, Svetlana warrants this tube for 5000 hours or 2 years (class "B" Svetlana's Warranty, i.e. first 500 hours - full replacement, the rest period - prorated). This warranty would be valid for you if you buy spare tubes from Svetlana.

We use an one-year period of full tubes warranty to our users. It is defined by our experience and by the estimated tubes life (that is a technical parameter of the tube but not a trade warranty). This parameter is not discussed in the Svetlana's document, so the 1000 hours/-10% information is found from different russian reference books. As we said, you can expect at least twice longer period for -10% deterioration and much more for functional faults.

Best 73's Vasco, LZ1JK Sofia, 5 February 2001.

[Non-text portions of this message have been removed]

537. heater schematic

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-26 02:40:44 UTC
From: Barry Kutner
Topic: 537 Message: 537

Earlier today, Jim, KL7JM, posted some info about the heater
circuit. The reflector does not permit attachments, so Jim's
schematic did not make it through. He e-mailed it directly to me,
and I uploaded it to my personal Web space. It is an Acrobat file
and can be viewed at:
http://w2up.home.mindspring.com/A2HTR.pdf
If you can't directly click on the link, make sure you type it exactly
as it is written, as file names are case sensitive.
73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

538. ACOM SERVICE SUCCESS

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-26 18:08:39 UTC
From: Turkisher Dan-CSLC82
Topic: 538 Message: 538

Just wanted to report back to those on the newsgroup who gave me tips about the "G2 Low grid voltage" error I was having.

My amp was shutting down with the above error. Various suggestions (which included checking/replacing the Molex connectors, replacing the IRF voltage regulator, replacing the varistor on the Pa grids) proved unsuccessful.

Last week I shipped the amp to Krassy, and it's on its way back to me already.

Cause of problem turned out to be stretched & sometimes intermittent leads in the RS232 cable to the control head. In fact I believe I replaced the serial connector about a year ago so my problem very likely was a self-inflicted wound.

As usual, there was no charge for repair, and my amp was given extremely fast turnaround with great communication and information. I've owned lots of gear and brands over the years and have never seen such great service and attention to customer satisfaction. Thanks Krassy!

73

Dan
K0DAN

539. I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-30 14:41:13 UTC
From: ka7gkn@arrl.net
Topic: 539 Message: 539

I ordered a 2000A and should see it mid July-2001
questions:
1. does the RCU use shielded cable?
2. should the ptt line use shielded cable?
3. I read some comments about TVI...anything new on this topic?
4. I will be using an IC-775dsp and a Sommer XP707 log/beam 10-40 meters...I read about some spiking problems with the ICOM I bought my ICOM around March 2000 so am I in for any surprises??? I am currently using an Ameritron AL-80A with no problems.

for those of you with rfi in the shack look into the radio works T-4 isolators, also use double shielded cable for audio and maybe look at RG-214 double shielded coax inside...

Regards and I'm excited to locate and get onto this group
Marty, Glendale Az.

540. RE: [acom-list] FS: Acom 2000SW Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2001-06-30 15:36:57 UTC
From: David Siddall
Topic: 528 Message: 540

Is your switch still available?

-----Original Message-----
From: Richard Thorne [mailto:rthorne@...]
Sent: Wednesday, June 20, 2001 8:43 PM
To: Acom (mailing List)
Subject: [acom-list] FS: Acom 2000SW Switch

Ok, last call. How about $375 for the switch/controller plus shipping.
Its surplus to my needs and is in excellent condition. I was using it
in my remote controlled station which has been dismantled. We're moving
out to the country soon and I'll get to put a tower up in the back yard
again.

--
73,
Richard Thorne
Amarillo, TX
Amateur Radio Station - N5ZC (Ex. KA2DSY, N2BHP, WB5M)
Remote Control Planes - AMA # N5ZC
Web Page: http://www.tcac.net/~rthorne/index.html

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541. RE: [acom-list] I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-01 21:39:25 UTC
From: Will Angenent
Topic: 539 Message: 541

I have a similar setup.
What is the serial # on your 775? If it is a late one you should have no problem although you have to turn the "drive" down to have it working flawless. (this is my 3rd 775 before the thing was working correct.
73 Will, K6NDV

-----Original Message-----
From: ka7gkn@... [mailto:ka7gkn@...]
Sent: Saturday, June 30, 2001 7:41 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] I'm the new guy...a few quick questions

I ordered a 2000A and should see it mid July-2001
questions:
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542. Re: [acom-list] I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-02 01:21:36 UTC
From: Glenn O'Donnell
Topic: 539 Message: 542

I've been wanting to make this post for a long time, but it's been left on the back burner until you guys brought this subject up and lit a fire under me to finally do it ...

I had horrible problems with my Icom IC-775DSP and Acom 2000A working together. Here's the fix (TNX N2TK ES K3WW!):

1. Forget keying the amp from the transceiver's RELAY output. This signal switches too late for the amp. The RF gets there before the switch signal and the amp appropriately kicks out.

2. Instead, key the amp from the ACC jacks (DIN jacks). Pin 3 on ACC(1) and pin 3 on ACC(2) are identical and either should do the trick. Connect directly to the amplifier's KEY IN jack. No extra relay or other switching device is necessary. In fact, it could provide enough delay to the signal to perpetuate the problem, or maybe even make it worse.

The ACC signals are taken off an earlier circuit in the switching path and is thus, ever so slightly ahead of the RELAY output. This switching problem is also seen in the Alpha 87A. Manual amps lack the smarts to complain about this. I can't imagine it's good for the amp.

Since making this change, my 775/2000A combo has been spectacular. Fiddling with the drive control is MUCH less sensitive. I think it's prudent to take this opportunity to publicly chastise Icom for their lousy response to this situation. Of course, I could count on my FRC brethren to come though when Icom refused to acknowledge the problem, much less suggest a fix. You guys are the best!

Anyone attempting to use an Icom IC-775DSP with an Acom 2000A or Alpha 87A should know about this.

VY 73 de Glenn K3PP

----- Original Message -----
From: Will Angenent <k6ndv@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, July 01, 2001 5:39 PM
Subject: RE: [acom-list] I'm the new guy...a few quick questions

> I have a similar setup.
> What is the serial # on your 775? If it is a late one you should have no
> problem although you have to turn the "drive" down to have it working
> flawless. (this is my 3rd 775 before the thing was working correct.
> 73 Will, K6NDV
>
> -----Original Message-----

> From: ka7gkn@... [mailto:ka7gkn@...]
> Sent: Saturday, June 30, 2001 7:41 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] I'm the new guy...a few quick questions
>
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> meters...I read about some spiking problems with the ICOM I bought my
> ICOM around March 2000 so am I in for any surprises??? I am currently
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> Regards and I'm excited to locate and get onto this group
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>

543. Re: [acom-list] I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-02 11:12:15 UTC
From: k5yg@aol.com
Topic: 539 Message: 543

In a message dated 7/1/01 8:21:47 PM Central Daylight Time, k3pp@...
writes:

<< Anyone attempting to use an Icom IC-775DSP with an Acom 2000A or Alpha 87A
should know about this.
>>

Same applies to the Ten-Tec Omni 6 Plus --- Do not use the tx relay out --
You must use the Omni TX Out/TX EN connected together with a "Y" connector,
with the free end of the "Y" connected to the 2000A Key In Jack.

The Mark V and FT-990 TX Relay out works fine with my 2000A in all modes.

73 de Bill, K5YG

544. Re: [acom-list] I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-02 12:28:51 UTC
From: Paul Christensen
Topic: 539 Message: 544

> Same applies to the Ten-Tec Omni 6 Plus --- Do not use the tx relay out --
> You must use the Omni TX Out/TX EN connected together with a "Y" connector,
> with the free end of the "Y" connected to the 2000A Key In Jack.

To configure this interface correctly, a small-signal steering diode (e.g., 1N914 or 1N4148) should be used to isolate the Omni's pull-up voltage at TX OUT and the ACOM/Alpha key line. The diode's cathode end should face the Omni Six end of the RCA "Y" adapter. This arrangement should only be used with the ACOM and Alpha 87A amplifiers; it will not work on amplifiers that do not protect against hot-switching nor amplifiers that use a high-voltage/high-current key line.

Also, the ACOM may support Ten-Tec's sequenced switching. There was a post some time ago from someone who successfully used the Omni's separate TX OUT/TX EN jacks to the ACOM 2000A.

-Paul, W9AC

545. Stamp-based amp+switch controller progress

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-03 13:15:52 UTC
From: n8wrl@arrl.net
Topic: 545 Message: 545

Hi all!

Just an FYI to let you know I'm about 80% done with a Basic Stamp-based controller for the amplifier and switch. The basic idea is to track band changes from my FT990 and send tuning commands to the amplifier and selection commands to the switch automagically.

There are already 'band-data decoders' out there that translate the 4-bit Yaesu band data into an antenna selection, but I wanted something that could be programmed with more than one antenna for a band and remember the one I used last, as well as let me switch to the others. It also lets me switch thru antennas that aren't for the band I'm on, but in that case it opens the tx-inhibit line to prevent me from making a boo-boo.

There is a two-line LCD that displays the band the radio is on and the selected antenna (in words - I'm too dumb to remember the numbers). When I change antennas from the up/down buttons or the radio changes bands that requires an antenna change, a 'change antenna' serial command is sent to the antenna switch.

I say I'm 80% there because the amplifier-side is the next thing to do. I've had some very good email chats with Vasco at the factory about the 2000A's behavior with antenna selection. The bottom line is a simple antenna change command won't be enough because even with 'auto antenna change off' antenna changes sent via serial commands don't 'stick' - the amp still remembers the last antenna you used for a given segment and changes to it. This is not the case if you make the antenna chnage via the RCU. Vasco sent me some suggestions I have yet to try, so I'll keep you posted.

Anyway, that's where I am. Just curious if anyone has any thoughts or ideas on what they'd like to see a gizmo like this do.

73!

-Brian n8wrl

546. SO2R Amplifier Swapping

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 01:10:14 UTC
From: Glenn O'Donnell
Topic: 546 Message: 546

Brian (and everyone else),

I am finally sending this out in response to the dialogue below. WAY back in April, we were discussing the pending amplifier swapper from Acom. As I understand it, this device would allow the use of a single amplifier in SO2R operation.

In my continuing build-out of my SO2R station, I came up with a design of my own. I haven't yet built it (NO TIME!), but my design is on my web site (http://www.qsl.net/k3pp/ampswap.gif). This is a very simple design. It's just a few relays with a control signal. Some notes on my design:

Basically, you simply hook up as shown and apply a +12v signal to the MULT input when you want to put the amplifier on the Multiplier radio. Otherwise, the Run radio always has the amp. Both radios are always connected to their respective antennas. The only difference is the placement of the amplifier. Proper station design still requires external filters and appropriate antenna switching. I plan to use a WX0B Six-Pak with mine. The Six-Pak is in and it should make for an easy hookup.

I show a point in the circuit called RELAY COMMON. This is shown connected to ground for the +12v MULT signal. If you use a "switch to ground" signal to activate the Multiplier radio, then this RELAY COMMON point shout be tied to +12v instead.

Obviously, this circuit is not very practical with manual-tune amplifiers. SO2R with one amp requires an amp that will quickly switch bands and retune. Otherwise, what's the point? HI! We spent big bucks on our Acom 2000A amps (and Alpha 87As too) to get this worry-free operation to shave time off our operating.

I'd rather buy than build at this point in my busy life, so if someone from Acom has news on the commercial unit, please let me (and the rest) know.

VY 73 de Glenn K3PP

----- Original Message -----
From: Brian, N8WRL <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 29, 2001 2:21 PM
Subject: Re: [acom-list] Website & 2R box?

> Hi Glenn!
>
> > This would be nice. I actually designed one myself and I plan to build
it
> > as soon as my travel schedule lightens up at the end of May. If Acom

has
> > one in the works, I'd rather buy than build.
>
> I'd sure be interested in what you came up with. Any interest in sharing?
:)
>
> > BTW: My dilemma with the IC-775 spike problem has been solved (TNX N2TK
&
> > K3WW!!). I'll write up the story when time permits.
>
> I had what I thought was a similar problem with my FT100D, but I think now
> that is wasn't a spike but a spur - too long to go into, but I think the
> 100D had
> a pretty strong out-of-band spur that confused the amp.
>
> 73!
>
> -Brian n8wrl
>
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547. Re: [acom-list] SO2R Amplifier Swapping

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 11:22:48 UTC
From: alsopb
Topic: 546 Message: 547

Hi Glenn,

This is fine for a single band or at most two bands. How does it handle multi-band operations? Is the band data output of each rig selecting the proper antennas first? Then there is the keyer, mike and audio to also switch..... I suppose you have another box for that.

I have been playing around with BASIC stamps for station control here and suspect they would the the easiest way to SO2R--including swapping the amp. Right now the stamp (actually two stamps) here handles all the normal and alternate antenna switching as well as an LCD readout of transmit and rx antennas.

I have it working so that the normal antenna is switched with the bcd band data. Flipping a single switch (regardless of band) attaches the alternate antenna. This may mean figuring out that to get to the alternate 10m antenna that one must:

1) open the quad coax link
2) switch to the 40M tower coax
3) apply the correct RCS8 voltage to get the antenna selected
4) switch in the top/bottom/stack circuitry....

This is all quite easy with a programable chip.

What is missing and what N8RWL is working on is how to tell the ACOM amp to know that the alternate antenna needs a different set of tuning's (i.e antenna #) for that band/freq segment.

I hope the N8RWL is successful so that we can build that function in as well.

73 de Brian/K3KO

Glenn O'Donnell wrote:
>
> Brian (and everyone else),
>
> I am finally sending this out in response to the dialogue below. WAY back
> in April, we were discussing the pending amplifier swapper from Acom. As I
> understand it, this device would allow the use of a single amplifier in SO2R
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> connected to their respective antennas. The only difference is the
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> I'd rather buy than build at this point in my busy life, so if someone from
> Acom has news on the commercial unit, please let me (and the rest) know.
>
> VY 73 de Glenn K3PP
>
> ----- Original Message -----
> From: Brian, N8WRL <n8wrl@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, April 29, 2001 2:21 PM
> Subject: Re: [acom-list] Website & 2R box?
>
> > Hi Glenn!
> >
> > > This would be nice. I actually designed one myself and I plan to build
> it
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548. Re: [acom-list] SO2R Amplifier Swapping

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 11:52:37 UTC
From: Barry Kutner
Topic: 546 Message: 548

One theoretical question to consider for the SO2R/one amp
approach:
Suppose you make 20 QSOs/hour on radio 2. That's 40 band
changes per hour, and almost 2000 in 48 hours. Do you think that
might lead to premature failure of the tuning servos/motors?

It might be better in the long run to pick up a cheap amp for the run
radio, as there won't be many band changes, and use the Acom
with the mult radio.
Barry W2UP

On 4 Jul 01, alsopb wrote:

> Hi Glenn,
>
> This is fine for a single band or at most two bands. How does it
> handle multi-band operations? Is the band data output of each rig
> selecting the proper antennas first? Then there is the keyer, mike
> and audio to also switch..... I suppose you have another box for
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> > VY 73 de Glenn K3PP
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> > ----- Original Message -----
> > From: Brian, N8WRL <n8wrl@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Sunday, April 29, 2001 2:21 PM
> > Subject: Re: [acom-list] Website & 2R box?
> >
> > > Hi Glenn!
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> > > > > BTW: My dilemma with the IC-775 spike problem has been solved (TNX N2TK
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> > > > > K3WW!!). I'll write up the story when time permits.
> > > >
> > > > I had what I thought was a similar problem with my FT100D, but I think now
> > > > that is wasn't a spike but a spur - too long to go into, but I think the
> > > > 100D had
> > > > a pretty strong out-of-band spur that confused the amp.
> > > >
> > > > 73!
> > > >
> > > > -Brian n8wrl
> > > >
> > > >
> > > >
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

549. Re: [acom-list] SO2R Amplifier Swapping

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 11:55:23 UTC
From: Barry Kutner
Topic: 546 Message: 549

On 4 Jul 01, alsopb wrote:

<snip>

> What is missing and what N8RWL is working on is how to tell the ACOM
> amp to know that the alternate antenna needs a different set of
> tuning's (i.e antenna #) for that band/freq segment.
>

I believe Acom is working on something like this in conjunction with
N3RD/N3RS so the amp will know in advance which setting to
select for partial stacks.

73 Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA FRC alternate: barry@...

550. Re: [acom-list] Stamp-based amp+switch controller progress

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 19:15:45 UTC
From: alsopb
Topic: 545 Message: 550

Brian,

Here is an off the wall idea. If the ant switch box successfully
makes the antenna selection "sticky", perhaps you ought to identify
your stamp as a antenna switch box instead of a pc controller. I
think there have hex Id's in the 50 to 5F range. It may be that there
is some check in the ACOM amp requiring antennas only be selected by
switch boxes.

73 de Brian/K3KO

n8wrl@... wrote:
>
> Hi all!
>
> Just an FYI to let you know I'm about 80% done with a Basic Stamp-
> based controller for the amplifier and switch. The basic idea is to
> track band changes from my FT990 and send tuning commands to the
> amplifier and selection commands to the switch automagically.
>
> There are already 'band-data decoders' out there that translate the 4-
> bit Yaesu band data into an antenna selection, but I wanted something
> that could be programmed with more than one antenna for a band and
> remember the one I used last, as well as let me switch to the others.
> It also lets me switch thru antennas that aren't for the band I'm on,
> but in that case it opens the tx-inhibit line to prevent me from
> making a boo-boo.
>
> There is a two-line LCD that displays the band the radio is on and
> the selected antenna (in words - I'm too dumb to remember the
> numbers). When I change antennas from the up/down buttons or the
> radio changes bands that requires an antenna change, a 'change
> antenna' serial command is sent to the antenna switch.
>
> I say I'm 80% there because the amplifier-side is the next thing to
> do. I've had some very good email chats with Vasco at the factory
> about the 2000A's behavior with antenna selection. The bottom line is
> a simple antenna change command won't be enough because even
> with 'auto antenna change off' antenna changes sent via serial
> commands don't 'stick' - the amp still remembers the last antenna you
> used for a given segment and changes to it. This is not the case if
> you make the antenna chnage via the RCU. Vasco sent me some
> suggestions I have yet to try, so I'll keep you posted.
>
> Anyway, that's where I am. Just curious if anyone has any thoughts or
> ideas on what they'd like to see a gizmo like this do.

>
> 73!
>
> -Brian n8wrl
>
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551. Re: SO2R

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-04 20:40:38 UTC
From: n8wrl@arrl.net
Topic: 551 Message: 551

Hi guys!

I've got the 'control the amp' part on the run. With help from Vasco at Acom, I think the strategy is to tell the amp what the last antenna used on a segment is, before the radio tries to xmit there. A little background...

I was hoping that by turning auto-antenna changing off on the amp I could just tell it to go to an antenna with the same command as the switch. After all, if you make a manual antenna change via the RCU it 'sticks' and the amp will stay on that antenna no matter what frequency you xmit with. Trouble is, it doesn't work that way when the command comes from the serial port (like the antenna switch or pc commands). Vasco sent me an example where I can run thru the segments in a band and tell the amp to set the 'last antenna used' for each segment to the one I want. That way, when the rig xmits the amp still does its 'last antenna used' switching and ends up on the antenna you want.

The puzzle this morning was encoding the segment number - it is an ascii-ized version of the hexadecimal representation of the segment number. Whew! I'll upload a spreadsheet listing the codes for all the segments on the amateur bands.

-Brian N8WRL (not RWL :))
> Hi Glenn,
>
> This is fine for a single band or at most two bands. How does it
> handle multi-band operations? Is the band data output of each rig
> selecting the proper antennas first? Then there is the keyer, mike
> and audio to also switch..... I suppose you have another box for
> that.
>
> I have been playing around with BASIC stamps for station control here
> and suspect they would the the easiest way to SO2R-- including swapping
> the amp. Right now the stamp (actually two stamps)

here handles all
> the normal and alternate antenna switching as well as
an LCD readout
> of transmit and rx antennas.
>
> I have it working so that the normal antenna is
switched with the bcd
> band data. Flipping a single switch (regardless of
band) attaches the
> alternate antenna. This may mean figuring out that to
get to the
> alternate 10m antenna that one must:
>
> 1) open the quad coax link
> 2) switch to the 40M tower coax
> 3) apply the correct RCS8 voltage to get the antenna
selected
> 4) switch in the top/bottom/stack circuitry....
>
> This is all quite easy with a programable chip.
>
> What is missing and what N8RWL is working on is how to
tell the ACOM
> amp to know that the alternate antenna needs a
different set of
> tuning's (i.e antenna #) for that band/freq segment.
>
> I hope the N8RWL is successful so that we can build
that function in
> as well.
>
> 73 de Brian/K3KO
>
> Glenn O'Donnell wrote:
> >
> > Brian (and everyone else),
> >
> > I am finally sending this out in response to the
dialogue below. WAY back
> > in April, we were discussing the pending amplifier
swapper from Acom. As I
> > understand it, this device would allow the use of a
single amplifier in SO2R
> > operation.
> >
> > In my continuing build-out of my SO2R station, I
came up with a design of my
> > own. I haven't yet built it (NO TIME!), but my
design is on my web site
> > (http://www.qsl.net/k3pp/ampswap.gif). This is a

very simple design. It's
> > just a few relays with a control signal. Some notes
on my design:
> >
> > Basically, you simply hook up as shown and apply a
+12v signal to the MULT
> > input when you want to put the amplifier on the
Multiplier radio.
> > Otherwise, the Run radio always has the amp. Both
radios are always
> > connected to their respective antennas. The only
difference is the
> > placement of the amplifier. Proper station design
still requires external
> > filters and appropriate antenna switching. I plan
to use a WX0B Six-Pak
> > with mine. The Six-Pak is in and it should make for
an easy hookup.
> >
> > I show a point in the circuit called RELAY COMMON.
This is shown connected
> > to ground for the +12v MULT signal. If you use
a "switch to ground" signal
> > to activate the Multiplier radio, then this RELAY
COMMON point shout be tied
> > to +12v instead.
> >
> > Obviously, this circuit is not very practical with
manual-tune amplifiers.
> > SO2R with one amp requires an amp that will quickly
switch bands and retune.
> > Otherwise, what's the point? HI! We spent big
bucks on our Acom 2000A amps
> > (and Alpha 87As too) to get this worry-free
operation to shave time off our
> > operating.
> >
> > I'd rather buy than build at this point in my busy
life, so if someone from
> > Acom has news on the commercial unit, please let me
(and the rest) know.
> >
> > VY 73 de Glenn K3PP
> >
> > ----- Original Message -----
> > From: Brian, N8WRL <n8wrl@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Sunday, April 29, 2001 2:21 PM
> > Subject: Re: [acom-list] Website & 2R box?
> >

> > > Hi Glenn!
> > >
> > > > This would be nice. I actually designed one
myself and I plan to build
> > it
> > > > as soon as my travel schedule lightens up at the
end of May. If Acom
> > has
> > > > one in the works, I'd rather buy than build.
> > >
> > > I'd sure be interested in what you came up with.
Any interest in sharing?
> > :)
> > >
> > > > BTW: My dilemma with the IC-775 spike problem
has been solved (TNX N2TK
> > &
> > > > K3WW!!). I'll write up the story when time
permits.
> > >
> > > I had what I thought was a similar problem with my
FT100D, but I think now
> > > that is wasn't a spike but a spur - too long to go
into, but I think the
> > > 100D had
> > > a pretty strong out-of-band spur that confused the
amp.
> > >
> > > 73!
> > >
> > > -Brian n8wrl
> > >
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552. Re: [acom-list] I'm the new guy...a few quick questions

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-05 00:42:11 UTC
From: aa1nd@aol.com
Topic: 539 Message: 552

For Marty:

1. The RCU is equipped with a shielded cable, 3 meters (9.8 feet) long. Besides the standard cable, a 10 meters (32.8 feet) extender is optional.

2. You'll have to use a shielded cable for the PTT too. It must be ended on a RCA "Phono" type connector to the amplifier side (KEY-IN). Please note sections 2-4(d),(e) of the operating manual for installation details.

3. We have no complaints about TVI. Anyway, the FCC spurious emissions requirements for first 10 harmonics are exceeded to 5-20dB for all bands (the higher the harmonic number, the higher the margin). In fact, only harmonic frequency emissions were noted. In addition, investigations above 300 and up to 2000MHz have been performed in ACOM's laboratory, with excellent results.

4. Some transceivers generate a high peak at the very beginning of each transmission. Normally, the spikes are as higher-level, as longer the pause after last transmission is.

You may check your transceiver for spikes generation using an external wattmeter with a "Peak & Hold" function, or an oscilloscope, or just the peak-reading LED-bar power indicator of the ACOM2000A amplifier. Reduce the drive for about 1/5-1/4 of the nominal power. Wait for about 1 minute without transmitting to let the ALC system to settle, then look for the output at the very beginning of the transmission. The difference between the first transmitted peak, and the settled power (about one-second later) will be a good indication for eventual spikes from the transceiver, and how many times higher they are above the value you set.

The amplifier is conformed with bearing such spikes for up to 20 milliseconds duration. You may overcome longer and/or very high peaks using any of the following tips:

a) Use lower MIC gain when Speech Processor in SSB mode is ON.

b) Limit the transceiver's PEP output to about 50-60W via any method foreseen by the producer: for instance, FT1000MP has this possibility via menu selections.

c) Bias externally the ALC input of the transceiver to limit its PEP output. Feed a constant voltage to the transceiver's ALC input from a DC source (preferably regulated). You may use a battery plus a potentiometer too.

Best 73's Krassy K1LZ
ACOM International, Inc.
Tel : 781 229 2222 , Fax 781 229 0227

553. Re: SO2R Amplifier Swapping

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-05 14:11:41 UTC
From: dick.green@valley.net
Topic: 546 Message: 553

Glenn,

It's a nice design, but it won't really work for SO2R. I tried a similar circuit with my 87A and the problem is that the amp takes too long to change bands. When you switch back and forth between the run radio and the S&P radio, the amp just can't keep up. In the case of the 87A, a significant portion of the CQ, callsign or exchange is transmitted at low power while the amp is retuning. In the case of the 2000A, there is no transmission at all until the amp finishes tuning (more on this below.)

I'm specifically referring to automatic SO2R switching as done by the WriteLog and NA contest programs. Both packages allow you to start a CQ on the run radio, then hit a function key to send your call on the second radio. When this happens, the CQ is stopped, the contest program switches to the second radio and sends your call, then the CQ is restarted on the first radio. You can do this manually as well, which is the only way to do it in CT. Regardless of whether the switching is automatic or manual, the amp won't retune fast enough when the QSO rate is high. You can start each message buffer with a dit ("e") followed by a pause, but this slows down the QSO rate and can cause confusion.

Unfortunately, there's no good solution short of using two amps. Even if your contesting software "pre-tunes" the amp to the operating frequency (i.e., retunes on band changes during receive), the switching between radios is still too slow.

Now, about that little problem with the ACOM suppressing transmission. I discovered this during the CQWPX CW contest. I noticed that when I changed bands and sent a function key message, the first couple of characters were not being transmitted. To avoid this, I had to switch to the second radio and hit a dit every time I changed bands. After the contest, I discovered that the ACOM holds the KEY OUT line high until the retuning is completed. Thus, my 1000mp was inhibited from transmitting during retuning. Unfortunately, it doesn't help to configure the 1000mp and ACOM without the KEY OUT line (which is perfectly safe, even for QSK, due to safeguards in both the rig and amp.) In this case, the amp redirects the input RF into a 50-ohm resistor. I confirmed all this with Vasco at the factory. So, there's no solution short of remembering to hit that dit (a pain) or programming a dit and delay into the messages (not practical for high-speed operation.)

Again, the 87A is designed to pass the input RF to the antenna during retuning. I guess this is much easier to do with PIN diodes than a

vacuum relay.

73, Dick WC1M

--- In acom-list@y..., "Glenn O'Donnell" <k3pp@p...> wrote:
> Brian (and everyone else),
>
> I am finally sending this out in response to the dialogue below. WAY back
> in April, we were discussing the pending amplifier swapper from Acom. As I
> understand it, this device would allow the use of a single amplifier in SO2R
> operation.
>
> In my continuing build-out of my SO2R station, I came up with a design of my
> own. I haven't yet built it (NO TIME!), but my design is on my web site
> (http://www.qsl.net/k3pp/ampswap.gif). This is a very simple design. It's
> just a few relays with a control signal. Some notes on my design:
>
> Basically, you simply hook up as shown and apply a +12v signal to the MULT
> input when you want to put the amplifier on the Multiplier radio.
> Otherwise, the Run radio always has the amp. Both radios are always
> connected to their respective antennas. The only difference is the
> placement of the amplifier. Proper station design still requires external
> filters and appropriate antenna switching. I plan to use a WX0B Six-Pak
> with mine. The Six-Pak is in and it should make for an easy hookup.
>
> I show a point in the circuit called RELAY COMMON. This is shown connected
> to ground for the +12v MULT signal. If you use a "switch to ground" signal
> to activate the Multiplier radio, then this RELAY COMMON point shout be tied
> to +12v instead.
>
> Obviously, this circuit is not very practical with manual-tune amplifiers.
> SO2R with one amp requires an amp that will quickly switch bands and retune.
> Otherwise, what's the point? HI! We spent big bucks on our Acom 2000A amps
> (and Alpha 87As too) to get this worry-free operation to shave time off our
> operating.

>
> I'd rather buy than build at this point in my busy life, so if
someone from
> Acom has news on the commercial unit, please let me (and the rest)
know.
>
> VY 73 de Glenn K3PP
>
> ----- Original Message -----
> From: Brian, N8WRL <n8wrl@a...>
> To: <acom-list@y...>
> Sent: Sunday, April 29, 2001 2:21 PM
> Subject: Re: [acom-list] Website & 2R box?
>
>
> > Hi Glenn!
> >
> > > This would be nice. I actually designed one myself and I plan
to build
> it
> > > as soon as my travel schedule lightens up at the end of May.
If Acom
> has
> > > one in the works, I'd rather buy than build.
> >
> > I'd sure be interested in what you came up with. Any interest in
sharing?
> :)
> >
> > > BTW: My dilemma with the IC-775 spike problem has been solved
(TNX N2TK
> &
> > > K3WW!!). I'll write up the story when time permits.
> >
> > I had what I thought was a similar problem with my FT100D, but I
think now
> > that is wasn't a spike but a spur - too long to go into, but I
think the
> > 100D had
> > a pretty strong out-of-band spur that confused the amp.
> >
> > 73!
> >
> > -Brian n8wrl
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554. Stamp-antenna switch WORKS!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-07 14:55:20 UTC
From: n8wrl@arrl.net
Topic: 554 Message: 554

Eureka!

With help from Stan, LZ1IU at ACOM I got the basic stamp-based antenna switch working like a charm. Very cool. I reworked the 'protocol' to talk to the amp so that much less motor activity is involved in a band or antenna change. Basically, I leave the amplifier in 'auto change mode' and all the 'chatty serial' comms enabled. Each time it makes a band or antenna change, the amp announces its 'intention'. I monitor for this and when I see one, I check to see if it is on the band I want and the antenna I want. If not, a quick serial command corrects it, all in the time of a 'dit' for tuning!

-Brian n8wrl

555. 2000S problem?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-07 18:25:44 UTC
From: n8wrl@arrl.net
Topic: 555 Message: 555

Hi all!

After finishing a station reorg, I've noticed some weird behavior from my 2000S antenna switch controller. I'm not sure how long it has been this way...

I'm trying to get the tx-in/tx-out loop reconnected:

Radio's TX-GND -> Amp's TX-IN
Amp's TX-OUT -> 2000S TX-IN
2000S TX-OUT -> Radio's TX-INH (FT990's LINEAR)

I think the switch is leaving tx-in/tx-out open when it is on! Here's what I've found:

When the switch is powered off, I measure 81 k-ohms across tx-in/tx-out. When the switch is powered on, even with the little 'pip' next to the antenna number display lit, I measure an open circuit.

The amplifier seems fine - tx-in/tx-out measures very low resistence at the right times. I currently have the loop connected like this with no problems:

Radio's TX-GND -> Amp's TX-IN
Amp's TX-OUT -> Radio's TX-INH (FT990's LINEAR)

The switch controller also gets pretty warm, and hums noticably. Anybody have any ideas? Does it need a trip back to ACOM?

73!

-Brian n8wrl

556. Re: [acom-list] Stamp-antenna switch WORKS!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-07 19:42:30 UTC
From: alsopb
Topic: 554 Message: 556

Is the switch box needed at all in this process? I hope not.
73 de Brian/K3KO

n8wrl@... wrote:
>
> Eureka!
>
> With help from Stan, LZ1IU at ACOM I got the basic stamp-
> based antenna switch working like a charm. Very cool. I
> reworked the 'protocol' to talk to the amp so that much
> less motor activity is involved in a band or antenna
> change. Basically, I leave the amplifier in 'auto change
> mode' and all the 'chatty serial' comms enabled. Each
> time it makes a band or antenna change, the amp
> announces its 'intention'. I monitor for this and when I
> see one, I check to see if it is on the band I want and
> the antenna I want. If not, a quick serial command
> corrects it, all in the time of a 'dit' for tuning!
>
> -Brian n8wrl
>
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557. Re: [acom-list] Stamp-antenna switch WORKS!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-07 22:54:53 UTC
From: n8wrl@arrl.net
Topic: 554 Message: 557

No, the switch box would not be needed at all. I have it
on a seperate serial line so the amp never even sees it.
You could easily output the 4 bits the switch wants w/o
the controller. I just sent the serial commands because
it was easy.

-Brian n8wrl
> Is the switch box needed at all in this process? I hope not.
> 73 de Brian/K3KO
>
> n8wrl@... wrote:
> >
> > Eureka!
> >
> > With help from Stan, LZ1IU at ACOM I got the basic stamp-
> > based antenna switch working like a charm. Very cool. I
> > reworked the 'protocol' to talk to the amp so that much
> > less motor activity is involved in a band or antenna
> > change. Basically, I leave the amplifier in 'auto change
> > mode' and all the 'chatty serial' comms enabled. Each
> > time it makes a band or antenna change, the amp
> > announces its 'intention'. I monitor for this and when I
> > see one, I check to see if it is on the band I want and
> > the antenna I want. If not, a quick serial command
> > corrects it, all in the time of a 'dit' for tuning!
> >
> > -Brian n8wrl
> >
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>

558. Re: [acom-list] 2000S problem?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-08 02:23:21 UTC
From: k5yg@aol.com
Topic: 555 Message: 558

In a message dated 7/7/01 1:31:27 PM Central Daylight Time, n8wrl@...
writes:

<< The switch controller also gets pretty warm, and hums
noticably. Anybody have any ideas? Does it need a trip
back to ACOM? >>

It is operating properly -- I spoke to Krassy about it some months ago ---

Take the case off the control box - that will get rid of the hum. I put a
foam rubber pad between the case and the top of the transformer module, this
helps a bit.
The hum is caused by the steel cover reacting with the stepdown transformer.
The heat is caused by the power supply.

My Amp has been operating flawlessly for over a year now -- I ran it hard for
a couple of RTTY contests -- no problems at all running 1.5kw out on RTTY

73 de Bill, K5YG

559. Re: [acom-list] 2000S problem?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-08 13:56:06 UTC
From: n8wrl@arrl.net
Topic: 555 Message: 559

Thanks for the reply, Bill!

I'll try those tips re the heat and hum.

Would you mind taking an ohmmeter to your tx-in/tx-out
ports? I'm interested in what you measure when the unit
is off and when it is on and 'thinks' everything is ok
(completed the selection, etc.) I measured mine with the
red lead of my ohmmeter connected to the center of the
tx-in RCA jack, black to tx-out.

Thanks!

-Brian n8wrl
> In a message dated 7/7/01 1:31:27 PM Central Daylight Time, n8wrl@...
> writes:
>
> << The switch controller also gets pretty warm, and hums
> noticably. Anybody have any ideas? Does it need a trip
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560. RE: [acom-list] Stamp-antenna switch WORKS!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-09 12:51:41 UTC
From: N2TK
Topic: 554 Message: 560

Hi Brian. Wondering where I can find info on the stamp-antenna switch. I have an Acom 2000A. Been thinking about getting their antenna switch, but am waiting till they have an alphanumeric readout on the control box. Also want to be able to have automatic antenna selection with the amp off.
Tnx. 73
Tony

-----Original Message-----
From: n8wrl@... [mailto:n8wrl@...]
Sent: Saturday, July 07, 2001 18:55
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Stamp-antenna switch WORKS!

No, the switch box would not be needed at all. I have it on a seperate serial line so the amp never even sees it. You could easily output the 4 bits the switch wants w/o the controller. I just sent the serial commands because it was easy.

-Brian n8wrl
> Is the switch box needed at all in this process? I hope not.
> 73 de Brian/K3KO
>
> n8wrl@... wrote:
> >
> > Eureka!
> >
> > With help from Stan, LZ1IU at ACOM I got the basic stamp-
> > based antenna switch working like a charm. Very cool. I
> > reworked the 'protocol' to talk to the amp so that much
> > less motor activity is involved in a band or antenna
> > change. Basically, I leave the amplifier in 'auto change
> > mode' and all the 'chatty serial' comms enabled. Each
> > time it makes a band or antenna change, the amp
> > announces its 'intention'. I monitor for this and when I
> > see one, I check to see if it is on the band I want and
> > the antenna I want. If not, a quick serial command
> > corrects it, all in the time of a 'dit' for tuning!
> >
> > -Brian n8wrl
> >
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561. RE: [acom-list] Stamp-antenna switch WORKS!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-09 13:06:53 UTC
From: n8wrl@arrl.net
Topic: 554 Message: 561

I'm writing up an article now. Not sure how applicable
it would be to the 'masses'. I think it is adaptable to
virtually any antenna switch, but the amp control is
pretty ACOM-specific. Right now I send serial commands
to the switch but there's no reason a different
interface couldn't be used - BCD lines, etc.

-Brian n8wrl
> Hi Brian. Wondering where I can find info on the stamp-antenna switch. I
> have an Acom 2000A. Been thinking about getting their antenna switch, but am
> waiting till they have an alphanumeric readout on the control box. Also want
> to be able to have automatic antenna selection with the amp off.
> Tnx. 73
> Tony
>
> -----Original Message-----
> From: n8wrl@... [mailto:n8wrl@...]
> Sent: Saturday, July 07, 2001 18:55
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Stamp-antenna switch WORKS!
>
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>

562. Anticipation! of 2000A shipping to me.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-13 13:35:09 UTC
From: ka7gkn@arrl.net
Topic: 562 Message: 562

This comming week I think is when my 2000a will be shipped. I can't wait!
As I read the recent postings regarding the software and hardware for antenna switching, I wonder how many users use a manual switch to select other antennas or rigs to interface with the 2000a?

I plan to use a dawia CS-201 2 position switch to select between my FT990 and IC775....My primary rig being the IC775 will be in line 99% of the time and I have an Alpha Delta switch to select between the vertical, dummy load, and Sommer log beam. The log will also be in line 99% of the time.

Hmmm after 22 years in the high tech world of medical electronics, I seem to have no difficulty in manually selecting an antenna...I guess my analog is showing ha ha ..

Speaking of the 2000a ...how long is the power cord and what gauge is it?

see ya all later, Marty

563. amp tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-14 23:44:28 UTC
From: howk2@hotmail.com
Topic: 563 Message: 563

Does anyone have experience with a reliable and reasonably priced
source of matched tubes fot the Acom amp?
Howard..K2HK

564. Re: [acom-list] amp tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-14 23:48:38 UTC
From: K3BF@aol.com
Topic: 563 Message: 564

In a message dated 07/14/2001 6:45:32 PM Central Daylight Time,
howk2@... writes:

<< Does anyone have experience with a reliable and reasonably priced
source of matched tubes fot the Acom amp?
Howard..K2HK
>>
Tom Hix, W4TH
Boaz, AL
$200/pair for matched set

565. Re: [acom-list] amp tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-15 08:40:32 UTC
From: Howard Klein
Topic: 563 Message: 565

Thanks Bruce,
I have seen his website but didn't know if he is reliable. Just looking for
a spare.

Howard

>From: K3BF@...
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: Re: [acom-list] amp tubes
>Date: Sat, 14 Jul 2001 19:48:38 EDT
>
>In a message dated 07/14/2001 6:45:32 PM Central Daylight Time,
>howk2@... writes:
>
><< Does anyone have experience with a reliable and reasonably priced
> source of matched tubes fot the Acom amp?
> Howard..K2HK
> >>
>Tom Hix, W4TH
>Boaz, AL
>$200/pair for matched set

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

566. Re: [acom-list] amp tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-15 02:48:27 UTC
From: K3BF@aol.com
Topic: 563 Message: 566

In a message dated 07/14/2001 9:12:33 PM Central Daylight Time,
howk2@... writes:

<< Thanks Bruce,
I have seen his website but didn't know if he is reliable. Just looking for
a spare.

Howard
>>
Howard, I hear that he is quite reliable. I bought a spare matched pair from
him.

567. 2000A in IARU

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-15 16:00:50 UTC
From: n8wrl@arrl.net
Topic: 567 Message: 567

Well this weekend I played IARU, which was my first contest entry with the 2000A. What a difference! I've never had an amp before, and it really made the contest more enjoyable for me. I consistently, and often, got comments on the audio quality, the signal strength, etc. "You're booming in", "Great signal!", "One of the loudest I've heard" ... all came unsolicited. Neat!

The switch controller was a big help too.

73!

-Brian n8wrl

568. New stuff on Web site

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-29 15:11:32 UTC
From: Barry
Topic: 568 Message: 568

FYI,
Acom has updated their Web site with more on the 1000A, as well
as Digital audio recorder/memory keyer.

I'd really like to see the long-overdue controller software...

73,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

569. Re: [acom-list] New stuff on Web site

Yahoo group: acom-list (1999 — 2009)
Date: 2001-07-29 16:00:45 UTC
From: Brian, N8WRL
Topic: 568 Message: 569

...or the SO2R box

-Brian n8wrl
----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Sunday, July 29, 2001 11:11 AM
Subject: [acom-list] New stuff on Web site

FYI,
Acom has updated their Web site with more on the 1000A, as well
as Digital audio recorder/memory keyer.

I'd really like to see the long-overdue controller software...

73,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

570. Gain vs freq

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-02 12:18:32 UTC
From: alsopb
Topic: 570 Message: 570

Guys,

I was wondering how your gain vs freq curves for the ACOM-2000A look.

I usually expect gain to fall off at higher freq's. Here is what I measured. All measurements are from ACOM digital readout.

freq fwd ref drive gain
3.5 1.50kw 7w 59 14.0db
7 1.50 26 53 14.5
14 1.50 11 51 14.5
21 1.50 39 50 15.0
28 1.50 31 38 16.0

The amp was "autotuned" first at each freq.

The concern is a possible oscillation -- although no power output appears with the amp at xmit and no drive. Not possible to perform the ususal test of slewing tune/load controls and look for output..

73 de Brian/K3KO

571. Re: [acom-list] Gain vs freq

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-02 14:10:10 UTC
From: Paul Christensen
Topic: 570 Message: 571

> The amp was "autotuned" first at each freq.
>
> The concern is a possible oscillation

As I recall, my ACOM amplifier gain figures were similar. On my Alpha 87A, the gain is flat on all bands. However, I never validated the drive power against another known reference. This would be a good test to ensure that the ACOM's drive power display is reasonably accurate.

Has anyone experienced a tube failure or burned parasitic resistor as a result of a parasitic oscillation?

-Paul, W9AC

572. 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-08 11:53:24 UTC
From: n8wrl@arrl.net
Topic: 572 Message: 572

Hi all!

I just realized I don't have any kind of surge suppression protection for the amp! 110v models grow on trees, but I don't recall seeing any surge suppression products for 220v. Anyone know of any?

73!

-Brian n8wrl

573. Re: [acom-list] 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-08 12:18:16 UTC
From: Bob Naumann - N5NJ
Topic: 572 Message: 573

The best thing is to put one in your circuit breaker panel. They mount in one of the 1/2" knock-outs on the side of the panel and wire in either on an individual circuit breaker (like you'd want to do here) or on the main circuit breaker to protect your whole house.

240v +/- 10% (216v to 264v) (which it really is in most places in the U.S. rather than 220) is two 120v "legs" of the transformer out on the pole somewhere. You could build your own out of the parts two 120v suppressors and install them in a suitable box with a 240v 20A jack on it.

```
Pole Transformer Secondary
^^^^^^^|^^^^^^^
| | |
Ground
120v 0v 120v
|---- 240v -----|
```

I hope this "picture" helps explain it.

73,
Bob N5NJ

----- Original Message -----
From: <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, August 08, 2001 6:53 AM
Subject: [acom-list] 220v surge suppressors

> Hi all!
>
> I just realized I don't have any kind of surge suppression protection
> for the amp! 110v models grow on trees, but I don't recall seeing any
> surge suppression products for 220v. Anyone know of any?
>
> 73!
>
> -Brian n8wrl
>
>
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>

574. Re: [acom-list] 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-08 18:12:24 UTC
From: Billy Cox
Topic: 572 Message: 574

Check out Polyphaser ... I use their units here
on the 120v and each of the 240v amp lines as
part of the total lightning protection system.

73 Billy AA4NU

> I just realized I don't have any kind of surge suppression protection
> for the amp! 110v models grow on trees, but I don't recall seeing any
> surge suppression products for 220v. Anyone know of any?

575. Re: [acom-list] 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-08 18:58:39 UTC
From: A. J. (Jim) Movius
Topic: 572 Message: 575

Brian,

Talk to a licensed electrical contractor. There are several options for 240 volt suppressors. My surge suppressor is located at the house main electric panel, installed after the utility pole transformer took a direct lightning hit. We live on a ridge 700 feet elevation above Fairbanks. We were without power for several hours until the utility replaced the transformer primary side fuse. The only casualty was a circuit card in one of several outdoor sensor lights that was burned up- looked like burned toast. At the time, the rig was turned off. Antennas are located on a tower, grounded per NEC (National Electric Code) located about 100 feet from the power pole. The several antennas are 40 to 60 feet higher than the lighting struck transformer and were all grounded via a antenna selector switch which was switched to the dummy load, where it is set when not operating. The Acom 2000A was connected to 240 volt power and turned off. The rig was also grounded via #6 bare copper connected to every piece of equipment, including a coax lightning arrestor, connected to a 8' ground rod located within 5 feet of the rig. Other than the one item "toasted" we suffered no damage, considered ourselves very fortunate, and immediately added the surge protection to the electric service. I do not know whether or not the tower and antennas took any of the lightning hit, however induced voltages on antennas and their leads to the rig must have been pretty severe owing to the location of the tower near the power pole that did take the hit. The lightning stroke was witnessed by two men working on the roof of the house, who promptly got off the roof.

I also had a contractor install a supressor at the service entrance at the in-law's house in the hill country of Ashe County, NC about 10 years ago. They had experienced several well pump failures during thunderstorms before installing the supressor. They have experienced no equipment failures since then, although they once had to replace the supressor which failed after the power line took a lightning hit- it did its job as no other equipment failed.

Best wishes,

Jim Movius, KL7JM

----- Original Message -----
From: <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, August 08, 2001 3:53 AM
Subject: [acom-list] 220v surge suppressors

> Hi all!
>

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576. Re: 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-09 18:37:45 UTC
From: ka7gkn@arrl.net
Topic: 572 Message: 576

Hi Brian and group here is information on 220/240vac filters:

Industrial Communications Engineers ltd aka I.C.E. 1-800-423-2666
order direct or via Array Solutions 972-203-8810 [Sharon or Jay]
they talk tech over the phone I.C.E. has no operational website right
now it's being repaired

I ordered the model 330 ac mains impulse suppressor, noise and rf
filter $ 58.00 120-0-120 single phase wires direct into breaker panel
[easy] protects entire distribution system. size 1 1/2x3x3"
burst proof heavy shielded box

other options:
model 338 in line protector for delicate equipment single outler nema
6-20r receptical 6 foot #12 cord you supply plug 240vac 25 amp $76.00
2 1/2 x4x4"

model 477 $68.00 similar to the model 338 but not too sure about
specific differences.

according to I.C.E. first choice is 330 then 338 then 477

I have their 302u and 303u lightning and emp supressor. these gadgets
actually reduce receiver hash/noise by acting as a drain on the coax
it works and really slick! also have a 348 rotator transient
supressor anf rf filter for my tailtwister unit

they have a myriad of other switches and filters great catalog

all are made in usa and have a 3 year warranty

hope this helps

Marty in glendale Az. ka7gkn@...

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>
> 73!
>
> -Brian n8wrl

577. Re: [acom-list] Re: 220v surge suppressors

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-09 20:26:58 UTC
From: Brian, N8WRL
Topic: 572 Message: 577

Didn't even think to check there - all my coax and rotor cables go thru ICE units...
----- Original Message -----
From: ka7gkn@...
To: acom-list@yahoogroups.com
Sent: Thursday, August 09, 2001 02:37 PM
Subject: [acom-list] Re: 220v surge suppressors

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578. still waiting for my 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-17 14:24:41 UTC
From: ka7gkn@arrl.net
Topic: 578 Message: 578

Well group, I am still waiting for the 2000A to ship to me that I ordered during Dayton. Lots of delays. I'd like to hear from those that have received their amps recently, say, since Dayton to get their comments and installation techniques from type rigs used to where the box is located. Any rfi problems etc.

I have spoken to Krassy and he is sincere in his apology for the delay and I accept, since I'd rather wait then get a unit rushed through production and testing just to meet a deadline!

I have ordered the #330 ac power mains impulse supressor,noise & rf filter from I.C.E. 1-800-423-2666 around 58 bucks american plus shipping. this unit will fit in the main breaker box in my home and protect "everything" ---so they claim--- this way I won't need a seperate 220vac surge, spike etc etc protector...but if that's only what you want they have those too. model 338 and 477. When I receive this item I'll write comments on it.

Keep the interesting tech comments and reviews coming. by the way the reviews on Eham.net are getting old. How about some fresh reviews?

Any of you using this amp with a Sommer antenna? Say the XP707 or XP807?? I am interested to know how the amp handles the 40 meter capacitive load [swr] My XP707 swr on 40 meters is 2.5:1 and its capacitive in nature. I'm unable [at this time] to adjust the 40 meter system to reduce the swr to 1.7:1

keep in touch regards...Marty in Glendale Az. ka7gkn@...

579. Re: [acom-list] still waiting for my 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-17 17:37:19 UTC
From: Brian, N8WRL
Topic: 578 Message: 579

I waited a while for mine (ordered last fall - arrived xmas-time-ish). Apparently the limited production gets targeted for areas, or so it seems. When I was waiting, Europe was hot. Then Krassy got ten units or so and one was mine. I was of the same feeling - don't rush the production or the QA. Now that I have it, it has operated flawlessly and I'm glad I didn't push. Krassy was very forthcoming as to where the delays were and what the story was. He was great when the unit arrived - insisting on being on the phone with me during the installation to steer me clear of common problems, etc. It was really so simple I don't think he needed to do that, but it was appreciated.

I recently ordered one of the ICE units also - the 338 I think so I don't have to get into the breaker box. I have a seperate box for my shack and the amp is on the only 220 line, so it seemed half-of-one...

The amp seems to handle SWR loads as high as 3:1 - it gets a workout on the edges of my 40m beam (Cushcraft XM240). It doesn't complain but it is a bit unnerving to see the high reflected power on the LED's. Good reminder to lower the exciter power a bit. So if you can, make the adjustments now.

I've been working with the automatic switch controller project I did a while and really like it. I'm probably going to make a tweak or two to the software and write up an article. Did you get the switch too?

Good luck, and hang in there - you'll be very pleased with the amp.

73!

-Brian n8wrl
----- Original Message -----
From: ka7gkn@...
To: acom-list@yahoogroups.com
Sent: Friday, August 17, 2001 10:24 AM
Subject: [acom-list] still waiting for my 2000a

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[Non-text portions of this message have been removed]

580. N8WRL switch update

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-19 22:08:23 UTC
From: Brian, N8WRL
Topic: 580 Message: 580

Well, I couldn't stand it any longer - I had to tweak the way my BASIC-Stamp-based switch controller interacts with the amplifier on a band change.

Consider this scenario:

* You're on 20CW cq-ing away. You see a spot for a mult on 10 so you QSY
* When you key up on 10 the amp 'announces' it is tuning for 10m and the antenna it will be using. The controller sees this and checks the amp's antenna choice and sends a 'W3' command to correct it if necessary (you may have been on a different antenna the last time you were on 10).
* After working the mult, you go back to 20 ready to resume your run. The antenna switch changes back to the antenna you were last using on 20, but the amp stays on 10! This isn't a big deal because the next time you key up the amplifier announces the tune again and the controller corrects the antenna, etc. But that means your first 'dit' will be 'lost in the tuning'.

I realized that when the amp makes these announcements it includes the tuning segment number it is on (subset of a band), so I can remember that for each band (10m, 20m, etc.).

Now, when you go back to 20 the controller realizes you've been on 20 before & remembers the amp segment # you were on. When it sends the 'change antenna' command to the 2000S, it also sends the appropriate command to the amp to put it back on the 20m segment you were last using, as well as the right antenna.

If you QSY to a band you haven't transmitted on before, only the antenna switch gets commands, leaving the amp alone. Not unitl you key up (causing the amp to tune & select a segment) does the controller remember the segment for a band.

I'm hoping to write more of this up soon if there's interest.

73!

-Brian

581. 2000A almost here!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-29 15:01:26 UTC
From: ka7gkn@arrl.net
Topic: 581 Message: 581

I have the UPS tracking info...do you realize this means within the next 5-7 days...RATS a holiday weekend...my 2000A will arrive! I dusted off it's anticipated location, all new 9913 coax runs to and from it have been constructed and roughly routed, also the ptt line, ground, and power lines are eagerly waiting.
I also installed the I.C.E. 330 house ac 120-0-120 mains impulse suppressor,noise &rf filter. it just fit into our old Zinsco [1966] vintage circuit breaker panel/box. I'm impressed with this unit.

Krassy chuckled as we spoke over the phone..for an aging woodstocker, I sounded like a kid anticipating the arrival of my first car ha ha ha

Krassy explained about the delay and again apologized for the long wait but he said once I have it in my station the delay will soon be forgotten. I guess he'll be correct. I enjoyed chatting with him on the phone.

So, the next listing from me will discuss the install and inital firing up of the amp....stay tuned.....Marty ka7gkn@...

582. Re: [acom-list] 2000A almost here!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-08-30 00:51:12 UTC
From: Howard Klein
Topic: 581 Message: 582

Marty,

From one kid to another I can understand your anticipation :))!! I am sure
you won't be disappointed. Sounds like you have thought it out well and set
up should be a piece of cake. Best of luck!

Howard

Howard M. Klein, K2HK
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

>From: ka7gkn@...
>Subject: [acom-list] 2000A almost here!
>
>I have the UPS tracking info...do you realize this means within the
>next 5-7 days...RATS a holiday weekend...my 2000A will arrive! I
>dusted off it's anticipated location, all new 9913 coax runs to and
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>ground, and power lines are eagerly waiting.
>I also installed the I.C.E. 330 house ac 120-0-120 mains impulse
>suppressor,noise &rf filter. it just fit into our old Zinsco [1966]
>vintage circuit breaker panel/box. I'm impressed with this unit.
>
>Krassy chuckled as we spoke over the phone..for an aging woodstocker,
>I sounded like a kid anticipating the arrival of my first car ha ha ha
>firing up of the amp....stay tuned.....Marty ka7gkn@...
>

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

583. my 2000a arrived! how come two 220 settings?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-05 01:18:34 UTC
From: ka7gkn@arrl.net
Topic: 583 Message: 583

the acom arrived in great shape tuesday afternoon. only the internal xfrm box was damaged the box failed from the wight but with the great packaging no equipment damage!!!!

it's larger than I expected so I need to remake the shelf support!!!
my question for the group...

I see two 220vac configurations

refer to the manual schematic at the mains control voltage selector.
there is 220 and then there is (220) ....which configuration is for usa 220 lines??????
I have the bars set at the (220) configuration and the heater led flashes I did not change the mains setting low,normal,high
I left it at "normal"

the circuit board labeling is confusing

looking inside, this unit is beautiful!!! oh, I also pushed in all connectors to ensure they were not loose from shipping

I guess within the next few days I'll have more questions and comments
thanks for your support...

regards, Marty ka7gkn@...

584. Re: [acom-list] my 2000a arrived! how come two 220 settings?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-05 01:27:50 UTC
From: Barry
Topic: 583 Message: 584

Marty,
No idea what the (220) is for. Maybe it's an alternate 220V tap?
Mine is set for 240V (my line voltage usually runs ~124/248).
The obvious question: Did you measure your line voltage? If it is in
the 220V range, I'd try the other 220 configuration. If above 230, try
the 240 tap.

Barry W2UP

On 5 Sep 01, ka7gkn@... wrote:

> the acom arrived in great shape tuesday afternoon. only the internal
> xfrm box was damaged the box failed from the wight but with the great
> packaging no equipment damage!!!!
>
> it's larger than I expected so I need to remake the shelf support!!!
> my question for the group...
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> I see two 220vac configurations
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> refer to the manual schematic at the mains control voltage selector.
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> I guess within the next few days I'll have more questions and comments
> thanks for your support...
>
> regards, Marty ka7gkn@...
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

585. Re: [acom-list] my 2000a arrived! how come two 220 settings?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-05 10:52:09 UTC
From: Paul Christensen
Topic: 583 Message: 585

Marty,

I agree with Barry. Set the voltage tap to match your measured line voltage. In my case, the measured line voltage is 248 VAC. I
set the internal jumper bar to 240 VAC. Then using the RCU, I selected "HIGH" on the filament voltage setting. As I recall, this
allows you +/- 5.0 VAC from the soft menu selection. I ended up with an amplifier setting of 245 VAC to match my 248 VAC mains.

-Paul, W9AC

----- Original Message -----
From: "Barry " <w2up@...>
To: <ka7gkn@...>; <acom-list@yahoogroups.com>
Sent: Tuesday, September 04, 2001 9:27 PM
Subject: Re: [acom-list] my 2000a arrived! how come two 220 settings?

> Marty,
> No idea what the (220) is for. Maybe it's an alternate 220V tap?
> Mine is set for 240V (my line voltage usually runs ~124/248).
> The obvious question: Did you measure your line voltage? If it is in
> the 220V range, I'd try the other 220 configuration. If above 230, try
> the 240 tap.
>
> Barry W2UP
>
>
> On 5 Sep 01, ka7gkn@... wrote:
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> Barry Kutner, W2UP Internet: w2up@...
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586. Re: [acom-list] my 2000a arrived! how come two 220 settings?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-05 12:30:58 UTC
From: HARRY BURHANS
Topic: 583 Message: 586

VIA LZ1AF I ASKED THE ACOM CHEIF ENGINEER ABOUT THAT BRACKETED 220 VOLT SETTING AND WAS TOLD THAT IT WAS A SPARE. IT SHOULD NOT BE USED. 73, HARRY W3FM
Paul Christensen wrote:
Marty,

I agree with Barry. Set the voltage tap to match your measured line voltage. In my case, the measured line voltage is 248 VAC. I
set the internal jumper bar to 240 VAC. Then using the RCU, I selected "HIGH" on the filament voltage setting. As I recall, this
allows you +/- 5.0 VAC from the soft menu selection. I ended up with an amplifier setting of 245 VAC to match my 248 VAC mains.

-Paul, W9AC

----- Original Message -----
From: "Barry "
To: ;
Sent: Tuesday, September 04, 2001 9:27 PM
Subject: Re: [acom-list] my 2000a arrived! how come two 220 settings?

> Marty,
> No idea what the (220) is for. Maybe it's an alternate 220V tap?
> Mine is set for 240V (my line voltage usually runs ~124/248).
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> the 240 tap.
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> Barry W2UP
>
>
> On 5 Sep 01, ka7gkn@... wrote:
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> > the acom arrived in great shape tuesday afternoon. only the internal
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> > I guess within the next few days I'll have more questions and comments
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> > regards, Marty ka7gkn@...
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> Barry Kutner, W2UP Internet: w2up@...
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587. well gang it's official, I'm up and running with the 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-05 21:38:19 UTC
From: ka7gkn@arrl.net
Topic: 587 Message: 587

I appreciate the rapid response to my question. yep I redid the mains jumpers looking at the schematic in the manual I am using the 220 set up on the lower left. The heater voltage is now 12.6 no flashing

I remade the shelf support used 3/4 oak plywood. I did use 3/8 and it sagged!!!! this box is heavy ha ha

I routed the cables from the amp but right now my station is a mish mash of coax since I have eliminated the AL-80A and the heath 2060A tuner. the amp seems to handle the Sommer XP707 antenna no problem
I do have a high swr on 40 meters and so far the only changes between 20 and 40 meters is adjusting the radio rf power output. the amp does not complain. the amp sits on top of a book case and is 5-6 feet from the operating position. plenty of cable for the remote unit. oh, a comment any way to dim the green backlight? the contrast is fine just that in my layout the green backlight is really bright.

I am surprised as to how quickly the amp tunes. I will send along more comments as I become more familiar with the box.
I do see the tube temperatures are pretty close both are running around 40-c or so.
regards....Marty ka7gkn@...

588. Re: [acom-list] my 2000a arrived! how come two 220 settings?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-06 00:34:10 UTC
From: HARRY BURHANS
Topic: 583 Message: 588

HARRY BURHANS wrote:
VIA LZ1AF I ASKED THE ACOM CHEIF ENGINEER ABOUT THAT BRACKETED 220 VOLT SETTING AND WAS TOLD THAT IT WAS A SPARE. IT SHOULD NOT BE USED. 73, HARRY W3FM
Paul Christensen wrote:
Marty,

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allows you +/- 5.0 VAC from the soft menu selection. I ended up with an amplifier setting of 245 VAC to match my 248 VAC mains.

-Paul, W9AC

----- Original Message -----
From: "Barry "
To: ;
Sent: Tuesday, September 04, 2001 9:27 PM
Subject: Re: [acom-list] my 2000a arrived! how come two 220 settings?

> Marty,
> No idea what the (220) is for. Maybe it's an alternate 220V tap?
> Mine is set for 240V (my line voltage usually runs ~124/248).
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> Barry W2UP
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of Service. [Non-text portions of this message have been removed]

589. Re: dust cover....clever

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-07 13:37:56 UTC
From: alsopb
Topic: 589 Message: 589

Marty,

Here is a diagram of the dust flipper to keep room dust out of the amp
when its not operating.

```
...... .......
...... .......
.................................
.................................
.................................
.................................
.................................
```

The tabs are 1"x2.5" close to the edge of the rectangle.
The rectangular part is 4x7"

I just cut it out of regualar printer paper and used double sided foam
tape to attach the tabs to the side of the ACOM amp. There are 90
degree folds where the tab meets the rest of the part.

The airflow drives the paper almost completely out of the air stream.

You get the idea, I am sure.
"Martin I. Shapiro" wrote:
>
> Hi Brian, your comment of a dust cover flapper is clever and worth looking
> into emulating. since my amp sits 6 feet above the ground it might not get
> too much dust...not!!! I have a ceiling fan and the big blades are oh, maybe
> 2-3 feet from the tube openings and we get dust here!!!
>
> so, details please. how did you attach, what material, is there enough air
> pressure to open the flapper? any side effect? etc etc
>
> you should pass this flapper gadget along on the acom reflector
>

> regards, Marty
>
> ____
> Send a cool gift with your E-Card
> http://www.bluemountain.com/giftcenter/

590. MISCELLANEOUS OPERATING QUESTIONS

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-12 23:27:32 UTC
From: ka7gkn@arrl.net
Topic: 590 Message: 590

I am aware of the learning curve but let me ask some parameter questions to the group.
1. typical operating temperature range? I see 40-80c [104-140f]???
2. with swr at 1.1:1 on 40 meters via an ameritron atr-30 tuner I find 1-1.2kw max...not complaining just wondering. the tuner is required to accomodate the swr problem on 40 meters 2.7-3.1:1 and I do run 600-800 watts. But, with the tuner between the amp and the antenna I can do up to 1.2kw ....comments?
3. I made the dust flapper works ok I might try tissue paper to see if it will improve air flow with less resistance.
4. typical power to amp through my ic775-dsp is 40-55watts ...ok?
5. I encountered one prot alarm something with qsk and processor??? I reset all and no more problems.
6. I am using user defined auto tune with ease, the amp seems to mate well with the sommer xp707 10-40 log/multibamnd beam. I am unable to access the antenna to adjust the 40 meter coil about 3/16 of an inch!!! so I'm stuck with the high swr on 40.
7. I use external audio processing and no stray rfi in the shack the acom is a tight box!

thanks for all your input I really like this box
later.....Marty ka7gkn@...

591. Re: [acom-list] MISCELLANEOUS OPERATING QUESTIONS

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-13 02:14:38 UTC
From: Bob Naumann - N5NJ
Topic: 590 Message: 591

What do you mean "I find 1-1.2kw max." ?

Crank up the drive from your radio until you get 1500 out.

If you have low reflected power, there should be no problem getting full output.

----- Original Message -----
From: <ka7gkn@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 12, 2001 6:27 PM
Subject: [acom-list] MISCELLANEOUS OPERATING QUESTIONS

> I am aware of the learning curve but let me ask some parameter
> questions to the group.
> 1. typical operating temperature range? I see 40-80c [104-140f]???
> 2. with swr at 1.1:1 on 40 meters via an ameritron atr-30 tuner I
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> required to accomodate the swr problem on 40 meters 2.7-3.1:1 and I
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> 5. I encountered one prot alarm something with qsk and processor???
> I reset all and no more problems.
> 6. I am using user defined auto tune with ease, the amp seems to mate
> well with the sommer xp707 10-40 log/multibamnd beam. I am unable to
> access the antenna to adjust the 40 meter coil about 3/16 of an
> inch!!! so I'm stuck with the high swr on 40.
> 7. I use external audio processing and no stray rfi in the shack the
> acom is a tight box!
>
> thanks for all your input I really like this box
> later.....Marty ka7gkn@...
>
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592. Money Maker! (as seen on TV)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 02:37:10 UTC
From: J J
Topic: 592 Message: 592

DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE TIME MAILING.
This program is for real. And it works no matter which country you live in (read the testimonials at the end of this message). Read on and you will be convinced. It would only take 2 minutes.

Dear Friends & Future Millionaire:

AS SEEN ON NATIONAL TV:
Making over half million dollars every 4 to 5 months from your home for an investment of only $25 U.S. Dollars expense one time

Step by Step Instructions are enclosed to insure your success with this program. Please take the 2 minutes it takes to read this letter.

THANK'S TO THE COMPUTER AGE AND THE INTERNET !
==========

BE A MILLIONAIRE LIKE OTHERS WITHIN A YEAR!!!

Before you say ''Bull'', please read the following. This is the letter you have been hearing about on the news lately. Due to the popularity of this letter on the Internet, a national weekly news program recently devoted an entire show to the investigation of this program described below, to see if it really can make people money. The show also investigated whether or not the program was legal.

Their findings proved once and for all that there are ''absolutely NO Laws prohibiting the participation in the program and if people can -follow the simple instructions, they are bound to make some mega bucks with only $25 out of pocket cost''. DUE TO THE RECENT INCREASE OF POPULARITY & RESPECT THIS PROGRAM HAS ATTAINED, IT IS CURRENTLY WORKING BETTER THAN EVER.

You are supplying information for a small fee- People will request from you copies of all reports many times over. This is a cash business better than a Mc ee D.!!!!!
Each report will give you the information you will need to succeed.

This is what one had to say: '' Thanks to this profitable opportunity. I was approached many times before but each time I passed on it. I am so glad I finally joined just to see what one could expect in return for the minimal effort and money required. To my astonishment, I received total $610,470.00 in 21 weeks, with money still coming in''. Pam Hedland, Fort Lee, New Jersey.

===
Here is another testimonial: ''' this program has been around for a long time but I never believed in it. But one day when I received this again in the mail I decided to gamble my $25 on it. I followed the simple instructions and walaa ..... 3 weeks later the money started to come in. First month I only made $240.00 but the next 2 months after that I made a total of $290,000.00. So far, in the past 8 months by re-entering the program, I have made over $710,000.00 and I am playing it again. The key to success in this program is to follow the simple steps and NOT change anything.'' More testimonials later but first,

================ PRINT THIS NOW FOR YOUR FUTURE REFERENCE ==========

$$

If you would like to make at least $500,000 every 4 to 5 months easily and comfortably, please read the following...THEN READ IT AGAIN and AGAIN !!!
$$

FOLLOW THE SIMPLE INSTRUCTION BELOW AND YOUR FINANCIAL DREAMS WILL COME TRUE, GUARANTEED! INSTRUCTIONS:

================
Order all 5 reports shown on the list below
=================

For each report, send $5 CASH, THE NAME & NUMBER OF THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to the person whose name appears ON THAT LIST next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE TOP LEFT CORNER in case of any mail problems.

===
When you place your order, make sure you order each of the 5 reports. You will need all 5 reports so that you can save them on your computer and resell them. YOUR TOTAL COST $5 X 5=$25.00.

===
Within a few days you will receive, vie e-mail, each
of the 5 reports from these 5 different individuals.
Save them on your computer so they will be accessible
for you to send to the 1,000's of people who will
order them from you. Also make a floppy of these
reports and keep it on your desk in case something
happen to your computer.

===
IMPORTANT __ DO NOT alter the names of the people who
are listed next to each report, or their sequence on
the list, in any way other than what is instructed
below in step '' 1 through 6 '' or you will lose out
on majority of your profits. Once you understand the
way this works, you will also see how it does not work
if you change it. Remember, this method has been
tested, and if you alter, it will NOT work !!! People
have tried to put their friends/relatives names on all
five thinking they could get all the money. But it
does not work this way. Believe us, we all have tried
to be greedy and then nothing happened. So Do Not try
to change anything other than what is instructed.
Because if you do, it will not work for you. Remember,
honesty reaps the reward!!!

1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
REPORT # 4.

4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
ACCURATELY!
==

**** Take this entire letter, with the modified list
of names, and save it on your computer. DO NOT MAKE
ANY OTHER CHANGES.

Save this on a disk as well just in case if you lose
any data. To assist you with marketing your business
on the internet, the 5 reports you purchase will
provide you with invaluable marketing information
which includes how to send bulk e-mails legally, where
to find thousands of free classified ads and much
more. There are 2 Primary methods to get this venture
going:
METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
==========

Let's say that you decide to start small, just to see
how it goes, and we will assume You and those involved
send out only 5,000 e-mails each. Let's also assume
that the mailing receive only a 0.2% response (the
response could be much better but lets just say it is
only 0.2%. Also many people will send out hundreds of
thousands e-mails instead of only 5,000 each).
Continuing with this example, you send out only 5,000
e-mails.

With a 0.2% response, that is only 10 orders for
report # 1. Those 10 people responded by sending out
5,000 e-mail each for a total of 50,000. Out of those
50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a
total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report #
3.

Those 1000 people send out 5,000 e-mails each for a
total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report
#4.

Those 10,000 people send out 5,000 e-mails each for a
total of 50,000,000 (50 million) e-mails.
The 0.2% response to that is 100,000 orders for Report
5
THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
million).

Your total income in this example is: 1..... $50 +
2..... $500 + 3.....$5,000 + 4..... $50,000 + 5.....
$500,000 ..... Grand Total=$555,550.00

NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE
OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU
CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !

==========
REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE
ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for
a moment what would happen if everyone or half or even
one 4th of those people mailed 100,000 e-mails each or
more? There are over 150 million people on the
Internet worldwide and counting. Believe me, many
people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
==========
Advertising on the net is very very inexpensive and
there are hundreds of FREE places to advertise.
Placing a lot of free ads on the Internet will easily
get a larger response. We strongly suggest you start
with Method # 1 and add METHOD # 2 as you go along.
For every $5 you receive, all you must
do is e-mail them the Report they ordered. That's it.
Always provide same day service on all orders.

This will guarantee that the e-mail they send out,
with your name and address on it, will be prompt
because they can not advertise until they receive the
report.

========== AVAILABLE
REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes:
Always send $5 cash (U.S. CURRENCY) for each Report.
Checks NOT accepted. Make sure the cash is concealed
by wrapping it in at least 2 sheets of paper. On one
of those sheets of paper, Write the NUMBER & the NAME
of the Report you are ordering, YOUR E-MAIL ADDRESS
and your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW :
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REPORT # 1 : ''The Insider's Guide to Advertising for
Free on the Net''
Order Report # 1 from:

Teresita Santos
1-7 Row House Rawis
Don Bosco, Tondo Manila
Philippines 1012

REPORT # 2 : ''The Insider's Guide to Sending Bulk
e-mail on the Net''
Order Report # 2 from :

Bianca Elaine
c/o Joy Casanova
35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
FREE''
Order Report # 5 from:

Auralyn Joy
c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$

Follow these guidelines to guarantee your success:

=== If you do not receive at least 10 orders for
Report #1 within 2 weeks, continue sending e-mails
until you do.

=== After you have received 10 orders, 2 to 3 weeks
after that you should receive 100 orders or more for
REPORT # 2. If you did not, continue advertising or
sending e-mails until you do.

=== Once you have received 100 or more orders for Report # 2, YOU CAN RELAX, because the system is already working for you, and the cash will continue to roll in ! THIS IS IMPORTANT TO REMEMBER: Every time your name is moved down on the list, you are placed in front of a different report.

You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. IF YOU WANT TO GENERATE MORE INCOME SEND ANOTHER BATCH OF E-MAILS AND START THE WHOLE PROCESS AGAIN. There is NO LIMIT to the income you can generate from this business !!!

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FOLLOWING IS A NOTE FROM THE ORIGINATOR OF THIS PROGRAM:
You have just received information that can give you financial freedom for the rest of your life, with NO RISK and JUST A LITTLE BIT OF EFFORT. You can make more money in the next few weeks and months than you have ever imagined.

Follow the program EXACTLY AS INSTRUCTED.
Do Not change it in anyway. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report after you have put your name and address in Report #1 and moved others to #2 .....# 5 as instructed above. One of the people you send this to may send out 100,000 or more e-mails and your name will be on every one of them. Remember though, the more you send out the more potential customers you will reach. So my friend, I have given you the ideas, information, materials and opportunity to become financially independent. IT IS UP TO YOU NOW!

========== MORE TESTIMONIALS==========

'' My name is Mitchell. My wife, Jody and I live in Chicago. I am an accountant with a major U.S. Corporation and I make pretty good money. When I received this program I grumbled to Jody about receiving ''junk mail''. I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I ''knew'' it wouldn't work. Jody totally ignored my supposed intelligence and few days later she jumped in with both feet. I made merciless fun of her, and was ready to lay the old ''I told you so'' on her when the thing didn't work. Well, the laugh was on me! Within 3 weeks she had received 50 responses. Within the next 45 days she had received

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But conservative that I am, I decided that the initial
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that I wouldn't get enough orders to at least get my
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but later I wondered if I should have given it a try.
Of course, I had no idea who to contact to get another
copy, so I had to wait until I was e-mailed again by
someone else.....11 months passed then it luckily
came again..... I did not delete this one! I made
more than $490,000 on my first try and all the money
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'' It really is a great opportunity to make relatively
easy money with little cost to you. I followed the
simple instructions carefully and within 10 days the
money started to come in. My first month I made $
20,560.00 and by the end of third month my total cash
count was $ 362,840.00. Life is beautiful, Thanx to
internet''. Fred Dellaca, Westport, New Zealand
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ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD
TO FINANCIAL FREEDOM!

==========
If you have any questions of the legality of this
program, contact the Office of Associate Director for
Marketing Practices, Federal Trade Commission, Bureau
of Consumer Protection, Washington, D.C.
==========THE
END==========

***
This message is in compliance with U.S. Federal
requirements for commercial e-mail proposed in Bill
S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

593. Money Maker! (as seen on TV)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 02:37:28 UTC
From: J J
Topic: 592 Message: 593

DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE TIME MAILING.
This program is for real. And it works no matter which country you live in (read the testimonials at the end of this message). Read on and you will be convinced. It would only take 2 minutes.

Dear Friends & Future Millionaire:

AS SEEN ON NATIONAL TV:
Making over half million dollars every 4 to 5 months from your home for an investment of only $25 U.S. Dollars expense one time

Step by Step Instructions are enclosed to insure your success with this program. Please take the 2 minutes it takes to read this letter.

THANK'S TO THE COMPUTER AGE AND THE INTERNET !
==========

BE A MILLIONAIRE LIKE OTHERS WITHIN A YEAR!!!

Before you say ''Bull'', please read the following. This is the letter you have been hearing about on the news lately. Due to the popularity of this letter on the Internet, a national weekly news program recently devoted an entire show to the investigation of this program described below, to see if it really can make people money. The show also investigated whether or not the program was legal.

Their findings proved once and for all that there are ''absolutely NO Laws prohibiting the participation in the program and if people can -follow the simple instructions, they are bound to make some mega bucks with only $25 out of pocket cost''. DUE TO THE RECENT INCREASE OF POPULARITY & RESPECT THIS PROGRAM HAS ATTAINED, IT IS CURRENTLY WORKING BETTER THAN EVER.

You are supplying information for a small fee- People will request from you copies of all reports many times over. This is a cash business better than a Mc ee D.!!!!!
Each report will give you the information you will need to succeed.

This is what one had to say: '' Thanks to this
profitable opportunity. I was approached many times
before but each time I passed on it. I am so glad I
finally joined just to see what one could expect in
return for the minimal effort and money required. To
my astonishment, I received total $610,470.00 in 21
weeks, with money still coming in''. Pam Hedland, Fort
Lee, New Jersey.

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Here is another testimonial: ''' this program has been
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one day when I received this again in the mail I
decided to gamble my $25 on it. I followed the simple
instructions and walaa ..... 3 weeks later the money
started to come in. First month I only made $240.00
but the next 2 months after that I made a total of
$290,000.00. So far, in the past 8 months by
re-entering the program, I have made over $710,000.00
and I am playing it again. The key to success in this
program is to follow the simple steps and NOT change
anything.'' More testimonials later but first,

================ PRINT THIS NOW FOR YOUR FUTURE
REFERENCE ==========

$$

If you would like to make at least $500,000 every 4 to
5 months easily and comfortably, please read the
following...THEN READ IT AGAIN and AGAIN !!!
$$

FOLLOW THE SIMPLE INSTRUCTION BELOW AND YOUR FINANCIAL
DREAMS WILL COME TRUE, GUARANTEED! INSTRUCTIONS:

================
Order all 5 reports shown on the list below
=================

For each report, send $5 CASH, THE NAME & NUMBER OF
THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to
the person whose name appears ON THAT LIST next to the
report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR
ENVELOPE TOP LEFT CORNER in case of any mail problems.

===
When you place your order, make sure you order each of
the 5 reports. You will need all 5 reports so that you
can save them on your computer and resell them. YOUR
TOTAL COST $5 X 5=$25.00.

===
Within a few days you will receive, vie e-mail, each
of the 5 reports from these 5 different individuals.
Save them on your computer so they will be accessible
for you to send to the 1,000's of people who will
order them from you. Also make a floppy of these
reports and keep it on your desk in case something
happen to your computer.

===
IMPORTANT __ DO NOT alter the names of the people who
are listed next to each report, or their sequence on
the list, in any way other than what is instructed
below in step '' 1 through 6 '' or you will lose out
on majority of your profits. Once you understand the
way this works, you will also see how it does not work
if you change it. Remember, this method has been
tested, and if you alter, it will NOT work !!! People
have tried to put their friends/relatives names on all
five thinking they could get all the money. But it
does not work this way. Believe us, we all have tried
to be greedy and then nothing happened. So Do Not try
to change anything other than what is instructed.
Because if you do, it will not work for you. Remember,
honesty reaps the reward!!!

1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
REPORT # 4.

4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
ACCURATELY!
==

**** Take this entire letter, with the modified list
of names, and save it on your computer. DO NOT MAKE
ANY OTHER CHANGES.

Save this on a disk as well just in case if you lose
any data. To assist you with marketing your business
on the internet, the 5 reports you purchase will
provide you with invaluable marketing information
which includes how to send bulk e-mails legally, where
to find thousands of free classified ads and much
more. There are 2 Primary methods to get this venture
going:
METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
==========

Let's say that you decide to start small, just to see
how it goes, and we will assume You and those involved
send out only 5,000 e-mails each. Let's also assume
that the mailing receive only a 0.2% response (the
response could be much better but lets just say it is
only 0.2%. Also many people will send out hundreds of
thousands e-mails instead of only 5,000 each).
Continuing with this example, you send out only 5,000
e-mails.

With a 0.2% response, that is only 10 orders for
report # 1. Those 10 people responded by sending out
5,000 e-mail each for a total of 50,000. Out of those
50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a
total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report #
3.

Those 1000 people send out 5,000 e-mails each for a
total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report
#4.

Those 10,000 people send out 5,000 e-mails each for a
total of 50,000,000 (50 million) e-mails.
The 0.2% response to that is 100,000 orders for Report
5
THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
million).

Your total income in this example is: 1..... $50 +
2..... $500 + 3.....$5,000 + 4..... $50,000 + 5.....
$500,000 ..... Grand Total=$555,550.00

NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE
OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU
CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !

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REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for a moment what would happen if everyone or half or even one 4th of those people mailed 100,000 e-mails each or more? There are over 150 million people on the Internet worldwide and counting. Believe me, many people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
==========
Advertising on the net is very very inexpensive and there are hundreds of FREE places to advertise. Placing a lot of free ads on the Internet will easily get a larger response. We strongly suggest you start with Method # 1 and add METHOD # 2 as you go along. For every $5 you receive, all you must do is e-mail them the Report they ordered. That's it. Always provide same day service on all orders.

This will guarantee that the e-mail they send out, with your name and address on it, will be prompt because they can not advertise until they receive the report.

========== AVAILABLE REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes: Always send $5 cash (U.S. CURRENCY) for each Report. Checks NOT accepted. Make sure the cash is concealed by wrapping it in at least 2 sheets of paper. On one of those sheets of paper, Write the NUMBER & the NAME of the Report you are ordering, YOUR E-MAIL ADDRESS and your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW :
==========
REPORT # 1 : ''The Insider's Guide to Advertising for Free on the Net''
Order Report # 1 from:

Teresita Santos
1-7 Row House Rawis
Don Bosco, Tondo Manila
Philippines 1012

REPORT # 2 : ''The Insider's Guide to Sending Bulk e-mail on the Net''
Order Report # 2 from :

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c/o Joy Casanova
35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
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Order Report # 5 from:

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c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$

Follow these guidelines to guarantee your success:

=== If you do not receive at least 10 orders for
Report #1 within 2 weeks, continue sending e-mails
until you do.

=== After you have received 10 orders, 2 to 3 weeks
after that you should receive 100 orders or more for
REPORT # 2. If you did not, continue advertising or
sending e-mails until you do.

=== Once you have received 100 or more orders for Report # 2, YOU CAN RELAX, because the system is already working for you, and the cash will continue to roll in ! THIS IS IMPORTANT TO REMEMBER: Every time your name is moved down on the list, you are placed in front of a different report.

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'' My name is Mitchell. My wife, Jody and I live in Chicago. I am an accountant with a major U.S. Corporation and I make pretty good money. When I received this program I grumbled to Jody about receiving ''junk mail''. I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I ''knew'' it wouldn't work. Jody totally ignored my supposed intelligence and few days later she jumped in with both feet. I made merciless fun of her, and was ready to lay the old ''I told you so'' on her when the thing didn't work. Well, the laugh was on me! Within 3 weeks she had received 50 responses. Within the next 45 days she had received

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But conservative that I am, I decided that the initial
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(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

594. Money Maker! (as seen on TV)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 02:37:56 UTC
From: J J
Topic: 592 Message: 594

DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE TIME MAILING.
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Dear Friends & Future Millionaire:

AS SEEN ON NATIONAL TV:
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THANK'S TO THE COMPUTER AGE AND THE INTERNET !
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This is what one had to say: '' Thanks to this
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anything.'' More testimonials later but first,

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REFERENCE ==========

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the 5 reports. You will need all 5 reports so that you
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===
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1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
REPORT # 4.

4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
ACCURATELY!
==

**** Take this entire letter, with the modified list
of names, and save it on your computer. DO NOT MAKE
ANY OTHER CHANGES.

Save this on a disk as well just in case if you lose
any data. To assist you with marketing your business
on the internet, the 5 reports you purchase will
provide you with invaluable marketing information
which includes how to send bulk e-mails legally, where
to find thousands of free classified ads and much
more. There are 2 Primary methods to get this venture
going:
METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
==========

Let's say that you decide to start small, just to see
how it goes, and we will assume You and those involved
send out only 5,000 e-mails each. Let's also assume
that the mailing receive only a 0.2% response (the
response could be much better but lets just say it is
only 0.2%. Also many people will send out hundreds of
thousands e-mails instead of only 5,000 each).
Continuing with this example, you send out only 5,000
e-mails.

With a 0.2% response, that is only 10 orders for
report # 1. Those 10 people responded by sending out
5,000 e-mail each for a total of 50,000. Out of those
50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a
total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report #
3.

Those 1000 people send out 5,000 e-mails each for a
total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report
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Those 10,000 people send out 5,000 e-mails each for a
total of 50,000,000 (50 million) e-mails.
The 0.2% response to that is 100,000 orders for Report
5
THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
million).

Your total income in this example is: 1..... $50 +
2..... $500 + 3.....$5,000 + 4..... $50,000 + 5.....
$500,000 ..... Grand Total=$555,550.00

NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE
OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU
CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !

==========
REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE
ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for
a moment what would happen if everyone or half or even
one 4th of those people mailed 100,000 e-mails each or
more? There are over 150 million people on the
Internet worldwide and counting. Believe me, many
people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
==========
Advertising on the net is very very inexpensive and
there are hundreds of FREE places to advertise.
Placing a lot of free ads on the Internet will easily
get a larger response. We strongly suggest you start
with Method # 1 and add METHOD # 2 as you go along.
For every $5 you receive, all you must
do is e-mail them the Report they ordered. That's it.
Always provide same day service on all orders.

This will guarantee that the e-mail they send out,
with your name and address on it, will be prompt
because they can not advertise until they receive the
report.

========== AVAILABLE
REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes:
Always send $5 cash (U.S. CURRENCY) for each Report.
Checks NOT accepted. Make sure the cash is concealed
by wrapping it in at least 2 sheets of paper. On one
of those sheets of paper, Write the NUMBER & the NAME
of the Report you are ordering, YOUR E-MAIL ADDRESS
and your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW :
==========
REPORT # 1 : ''The Insider's Guide to Advertising for
Free on the Net''
Order Report # 1 from:

Teresita Santos
1-7 Row House Rawis
Don Bosco, Tondo Manila
Philippines 1012

REPORT # 2 : ''The Insider's Guide to Sending Bulk
e-mail on the Net''
Order Report # 2 from :

Bianca Elaine
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35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
FREE''
Order Report # 5 from:

Auralyn Joy
c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$

Follow these guidelines to guarantee your success:

=== If you do not receive at least 10 orders for
Report #1 within 2 weeks, continue sending e-mails
until you do.

=== After you have received 10 orders, 2 to 3 weeks
after that you should receive 100 orders or more for
REPORT # 2. If you did not, continue advertising or
sending e-mails until you do.

=== Once you have received 100 or more orders for Report # 2, YOU CAN RELAX, because the system is already working for you, and the cash will continue to roll in ! THIS IS IMPORTANT TO REMEMBER: Every time your name is moved down on the list, you are placed in front of a different report.

You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. IF YOU WANT TO GENERATE MORE INCOME SEND ANOTHER BATCH OF E-MAILS AND START THE WHOLE PROCESS AGAIN. There is NO LIMIT to the income you can generate from this business !!!

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FOLLOWING IS A NOTE FROM THE ORIGINATOR OF THIS PROGRAM:
You have just received information that can give you financial freedom for the rest of your life, with NO RISK and JUST A LITTLE BIT OF EFFORT. You can make more money in the next few weeks and months than you have ever imagined.

Follow the program EXACTLY AS INSTRUCTED.
Do Not change it in anyway. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report after you have put your name and address in Report #1 and moved others to #2 .....# 5 as instructed above. One of the people you send this to may send out 100,000 or more e-mails and your name will be on every one of them. Remember though, the more you send out the more potential customers you will reach. So my friend, I have given you the ideas, information, materials and opportunity to become financially independent. IT IS UP TO YOU NOW!

========== MORE TESTIMONIALS==========

'' My name is Mitchell. My wife, Jody and I live in Chicago. I am an accountant with a major U.S. Corporation and I make pretty good money. When I received this program I grumbled to Jody about receiving ''junk mail''. I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I ''knew'' it wouldn't work. Jody totally ignored my supposed intelligence and few days later she jumped in with both feet. I made merciless fun of her, and was ready to lay the old ''I told you so'' on her when the thing didn't work. Well, the laugh was on me! Within 3 weeks she had received 50 responses. Within the next 45 days she had received

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Wolf M.D., Chicago, Illinois
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'' Not being the gambling type, it took me several
weeks to make up my mind to participate in this plan.
But conservative that I am, I decided that the initial
investment was so little that there was just no way
that I wouldn't get enough orders to at least get my
money back''. '' I was surprised when I found my
medium size post office box crammed with orders. I
made $319,210.00 in the first 12 weeks. The nice thing
about this deal is that it does not matter where
people live. There simply isn't a better investment
with a faster return and so big''. Dan Sondstrom,
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'' I had received this program before. I deleted it,
but later I wondered if I should have given it a try.
Of course, I had no idea who to contact to get another
copy, so I had to wait until I was e-mailed again by
someone else.....11 months passed then it luckily
came again..... I did not delete this one! I made
more than $490,000 on my first try and all the money
came within 22 weeks''. Susan De Suza, New York, N.Y.
==========
'' It really is a great opportunity to make relatively
easy money with little cost to you. I followed the
simple instructions carefully and within 10 days the
money started to come in. My first month I made $
20,560.00 and by the end of third month my total cash
count was $ 362,840.00. Life is beautiful, Thanx to
internet''. Fred Dellaca, Westport, New Zealand
==========

ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD
TO FINANCIAL FREEDOM!

==========
If you have any questions of the legality of this
program, contact the Office of Associate Director for
Marketing Practices, Federal Trade Commission, Bureau
of Consumer Protection, Washington, D.C.
==========THE
END==========

***
This message is in compliance with U.S. Federal
requirements for commercial e-mail proposed in Bill
S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

595. Money Maker! (as seen on TV)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 02:38:52 UTC
From: J J
Topic: 592 Message: 595

DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE TIME MAILING.
This program is for real. And it works no matter which country you live in (read the testimonials at the end of this message). Read on and you will be convinced. It would only take 2 minutes.

Dear Friends & Future Millionaire:

AS SEEN ON NATIONAL TV:
Making over half million dollars every 4 to 5 months from your home for an investment of only $25 U.S. Dollars expense one time

Step by Step Instructions are enclosed to insure your success with this program. Please take the 2 minutes it takes to read this letter.

THANK'S TO THE COMPUTER AGE AND THE INTERNET !
==========

BE A MILLIONAIRE LIKE OTHERS WITHIN A YEAR!!!

Before you say ''Bull'', please read the following. This is the letter you have been hearing about on the news lately. Due to the popularity of this letter on the Internet, a national weekly news program recently devoted an entire show to the investigation of this program described below, to see if it really can make people money. The show also investigated whether or not the program was legal.

Their findings proved once and for all that there are ''absolutely NO Laws prohibiting the participation in the program and if people can -follow the simple instructions, they are bound to make some mega bucks with only $25 out of pocket cost''. DUE TO THE RECENT INCREASE OF POPULARITY & RESPECT THIS PROGRAM HAS ATTAINED, IT IS CURRENTLY WORKING BETTER THAN EVER.

You are supplying information for a small fee- People will request from you copies of all reports many times over. This is a cash business better than a Mc ee D.!!!!!
Each report will give you the information you will need to succeed.

This is what one had to say: '' Thanks to this profitable opportunity. I was approached many times before but each time I passed on it. I am so glad I finally joined just to see what one could expect in return for the minimal effort and money required. To my astonishment, I received total $610,470.00 in 21 weeks, with money still coming in''. Pam Hedland, Fort Lee, New Jersey.

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Here is another testimonial: ''' this program has been around for a long time but I never believed in it. But one day when I received this again in the mail I decided to gamble my $25 on it. I followed the simple instructions and walaa ..... 3 weeks later the money started to come in. First month I only made $240.00 but the next 2 months after that I made a total of $290,000.00. So far, in the past 8 months by re-entering the program, I have made over $710,000.00 and I am playing it again. The key to success in this program is to follow the simple steps and NOT change anything.'' More testimonials later but first,

================ PRINT THIS NOW FOR YOUR FUTURE REFERENCE ==========

$$

If you would like to make at least $500,000 every 4 to 5 months easily and comfortably, please read the following...THEN READ IT AGAIN and AGAIN !!!
$$

FOLLOW THE SIMPLE INSTRUCTION BELOW AND YOUR FINANCIAL DREAMS WILL COME TRUE, GUARANTEED! INSTRUCTIONS:

================
Order all 5 reports shown on the list below
=================

For each report, send $5 CASH, THE NAME & NUMBER OF THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to the person whose name appears ON THAT LIST next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE TOP LEFT CORNER in case of any mail problems.

===
When you place your order, make sure you order each of the 5 reports. You will need all 5 reports so that you can save them on your computer and resell them. YOUR TOTAL COST $5 X 5=$25.00.

===
Within a few days you will receive, vie e-mail, each
of the 5 reports from these 5 different individuals.
Save them on your computer so they will be accessible
for you to send to the 1,000's of people who will
order them from you. Also make a floppy of these
reports and keep it on your desk in case something
happen to your computer.

===
IMPORTANT __ DO NOT alter the names of the people who
are listed next to each report, or their sequence on
the list, in any way other than what is instructed
below in step '' 1 through 6 '' or you will lose out
on majority of your profits. Once you understand the
way this works, you will also see how it does not work
if you change it. Remember, this method has been
tested, and if you alter, it will NOT work !!! People
have tried to put their friends/relatives names on all
five thinking they could get all the money. But it
does not work this way. Believe us, we all have tried
to be greedy and then nothing happened. So Do Not try
to change anything other than what is instructed.
Because if you do, it will not work for you. Remember,
honesty reaps the reward!!!

1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
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4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
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of names, and save it on your computer. DO NOT MAKE
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Save this on a disk as well just in case if you lose
any data. To assist you with marketing your business
on the internet, the 5 reports you purchase will
provide you with invaluable marketing information
which includes how to send bulk e-mails legally, where
to find thousands of free classified ads and much
more. There are 2 Primary methods to get this venture
going:
METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
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Let's say that you decide to start small, just to see
how it goes, and we will assume You and those involved
send out only 5,000 e-mails each. Let's also assume
that the mailing receive only a 0.2% response (the
response could be much better but lets just say it is
only 0.2%. Also many people will send out hundreds of
thousands e-mails instead of only 5,000 each).
Continuing with this example, you send out only 5,000
e-mails.

With a 0.2% response, that is only 10 orders for
report # 1. Those 10 people responded by sending out
5,000 e-mail each for a total of 50,000. Out of those
50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a
total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report #
3.

Those 1000 people send out 5,000 e-mails each for a
total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report
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Those 10,000 people send out 5,000 e-mails each for a
total of 50,000,000 (50 million) e-mails.
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THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
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Your total income in this example is: 1..... $50 +
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$500,000 ..... Grand Total=$555,550.00

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REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for a moment what would happen if everyone or half or even one 4th of those people mailed 100,000 e-mails each or more? There are over 150 million people on the Internet worldwide and counting. Believe me, many people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
==========
Advertising on the net is very very inexpensive and there are hundreds of FREE places to advertise. Placing a lot of free ads on the Internet will easily get a larger response. We strongly suggest you start with Method # 1 and add METHOD # 2 as you go along. For every $5 you receive, all you must do is e-mail them the Report they ordered. That's it. Always provide same day service on all orders.

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========== AVAILABLE REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes: Always send $5 cash (U.S. CURRENCY) for each Report. Checks NOT accepted. Make sure the cash is concealed by wrapping it in at least 2 sheets of paper. On one of those sheets of paper, Write the NUMBER & the NAME of the Report you are ordering, YOUR E-MAIL ADDRESS and your name and postal address.

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Order Report # 1 from:

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Don Bosco, Tondo Manila
Philippines 1012

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Order Report # 2 from :

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c/o Joy Casanova
35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
FREE''
Order Report # 5 from:

Auralyn Joy
c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$

Follow these guidelines to guarantee your success:

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after that you should receive 100 orders or more for
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==========THE
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S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

596. Money Maker! (as seen on TV)

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 03:58:34 UTC
From: J J
Topic: 592 Message: 596

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REFERENCE ==========

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THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to
the person whose name appears ON THAT LIST next to the
report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR
ENVELOPE TOP LEFT CORNER in case of any mail problems.

===
When you place your order, make sure you order each of
the 5 reports. You will need all 5 reports so that you
can save them on your computer and resell them. YOUR
TOTAL COST $5 X 5=$25.00.

===
Within a few days you will receive, vie e-mail, each
of the 5 reports from these 5 different individuals.
Save them on your computer so they will be accessible
for you to send to the 1,000's of people who will
order them from you. Also make a floppy of these
reports and keep it on your desk in case something
happen to your computer.

===
IMPORTANT __ DO NOT alter the names of the people who
are listed next to each report, or their sequence on
the list, in any way other than what is instructed
below in step '' 1 through 6 '' or you will lose out
on majority of your profits. Once you understand the
way this works, you will also see how it does not work
if you change it. Remember, this method has been
tested, and if you alter, it will NOT work !!! People
have tried to put their friends/relatives names on all
five thinking they could get all the money. But it
does not work this way. Believe us, we all have tried
to be greedy and then nothing happened. So Do Not try
to change anything other than what is instructed.
Because if you do, it will not work for you. Remember,
honesty reaps the reward!!!

1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
REPORT # 4.

4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
ACCURATELY!
==

**** Take this entire letter, with the modified list
of names, and save it on your computer. DO NOT MAKE
ANY OTHER CHANGES.

Save this on a disk as well just in case if you lose
any data. To assist you with marketing your business
on the internet, the 5 reports you purchase will
provide you with invaluable marketing information
which includes how to send bulk e-mails legally, where
to find thousands of free classified ads and much
more. There are 2 Primary methods to get this venture
going:
METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
==========

Let's say that you decide to start small, just to see
how it goes, and we will assume You and those involved
send out only 5,000 e-mails each. Let's also assume
that the mailing receive only a 0.2% response (the
response could be much better but lets just say it is
only 0.2%. Also many people will send out hundreds of
thousands e-mails instead of only 5,000 each).
Continuing with this example, you send out only 5,000
e-mails.

With a 0.2% response, that is only 10 orders for
report # 1. Those 10 people responded by sending out
5,000 e-mail each for a total of 50,000. Out of those
50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a
total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report #
3.

Those 1000 people send out 5,000 e-mails each for a
total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report
#4.

Those 10,000 people send out 5,000 e-mails each for a
total of 50,000,000 (50 million) e-mails.
The 0.2% response to that is 100,000 orders for Report
5
THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
million).

Your total income in this example is: 1..... $50 +
2..... $500 + 3.....$5,000 + 4..... $50,000 + 5.....
$500,000 ..... Grand Total=$555,550.00

NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE
OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU
CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !

==========

REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for a moment what would happen if everyone or half or even one 4th of those people mailed 100,000 e-mails each or more? There are over 150 million people on the Internet worldwide and counting. Believe me, many people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET

==========

Advertising on the net is very very inexpensive and there are hundreds of FREE places to advertise. Placing a lot of free ads on the Internet will easily get a larger response. We strongly suggest you start with Method # 1 and add METHOD # 2 as you go along. For every $5 you receive, all you must do is e-mail them the Report they ordered. That's it. Always provide same day service on all orders.

This will guarantee that the e-mail they send out, with your name and address on it, will be prompt because they can not advertise until they receive the report.

========== AVAILABLE REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes: Always send $5 cash (U.S. CURRENCY) for each Report. Checks NOT accepted. Make sure the cash is concealed by wrapping it in at least 2 sheets of paper. On one of those sheets of paper, Write the NUMBER & the NAME of the Report you are ordering, YOUR E-MAIL ADDRESS and your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW :

==========

REPORT # 1 : ''The Insider's Guide to Advertising for Free on the Net''
Order Report # 1 from:

Teresita Santos
1-7 Row House Rawis
Don Bosco, Tondo Manila
Philippines 1012

REPORT # 2 : ''The Insider's Guide to Sending Bulk e-mail on the Net''
Order Report # 2 from :

Bianca Elaine
c/o Joy Casanova
35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
FREE''
Order Report # 5 from:

Auralyn Joy
c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$

Follow these guidelines to guarantee your success:

=== If you do not receive at least 10 orders for
Report #1 within 2 weeks, continue sending e-mails
until you do.

=== After you have received 10 orders, 2 to 3 weeks
after that you should receive 100 orders or more for
REPORT # 2. If you did not, continue advertising or
sending e-mails until you do.

=== Once you have received 100 or more orders for Report # 2, YOU CAN RELAX, because the system is already working for you, and the cash will continue to roll in ! THIS IS IMPORTANT TO REMEMBER: Every time your name is moved down on the list, you are placed in front of a different report.

You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. IF YOU WANT TO GENERATE MORE INCOME SEND ANOTHER BATCH OF E-MAILS AND START THE WHOLE PROCESS AGAIN. There is NO LIMIT to the income you can generate from this business !!!

==========

FOLLOWING IS A NOTE FROM THE ORIGINATOR OF THIS PROGRAM:
You have just received information that can give you financial freedom for the rest of your life, with NO RISK and JUST A LITTLE BIT OF EFFORT. You can make more money in the next few weeks and months than you have ever imagined.

Follow the program EXACTLY AS INSTRUCTED.
Do Not change it in anyway. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report after you have put your name and address in Report #1 and moved others to #2 .....# 5 as instructed above. One of the people you send this to may send out 100,000 or more e-mails and your name will be on every one of them. Remember though, the more you send out the more potential customers you will reach. So my friend, I have given you the ideas, information, materials and opportunity to become financially independent. IT IS UP TO YOU NOW!

========== MORE TESTIMONIALS==========

'' My name is Mitchell. My wife, Jody and I live in Chicago. I am an accountant with a major U.S. Corporation and I make pretty good money. When I received this program I grumbled to Jody about receiving ''junk mail''. I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I ''knew'' it wouldn't work. Jody totally ignored my supposed intelligence and few days later she jumped in with both feet. I made merciless fun of her, and was ready to lay the old ''I told you so'' on her when the thing didn't work. Well, the laugh was on me! Within 3 weeks she had received 50 responses. Within the next 45 days she had received

total $ 147,200.00 ..... all cash! I was
shocked. I have joined Jody in her ''hobby''. Mitchell
Wolf M.D., Chicago, Illinois
==========
'' Not being the gambling type, it took me several
weeks to make up my mind to participate in this plan.
But conservative that I am, I decided that the initial
investment was so little that there was just no way
that I wouldn't get enough orders to at least get my
money back''. '' I was surprised when I found my
medium size post office box crammed with orders. I
made $319,210.00 in the first 12 weeks. The nice thing
about this deal is that it does not matter where
people live. There simply isn't a better investment
with a faster return and so big''. Dan Sondstrom,
Alberta, Canada
==========
'' I had received this program before. I deleted it,
but later I wondered if I should have given it a try.
Of course, I had no idea who to contact to get another
copy, so I had to wait until I was e-mailed again by
someone else.....11 months passed then it luckily
came again..... I did not delete this one! I made
more than $490,000 on my first try and all the money
came within 22 weeks''. Susan De Suza, New York, N.Y.
==========
'' It really is a great opportunity to make relatively
easy money with little cost to you. I followed the
simple instructions carefully and within 10 days the
money started to come in. My first month I made $
20,560.00 and by the end of third month my total cash
count was $ 362,840.00. Life is beautiful, Thanx to
internet''. Fred Dellaca, Westport, New Zealand
==========

ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD
TO FINANCIAL FREEDOM!

==========
If you have any questions of the legality of this
program, contact the Office of Associate Director for
Marketing Practices, Federal Trade Commission, Bureau
of Consumer Protection, Washington, D.C.
==========THE
END==========

***
This message is in compliance with U.S. Federal
requirements for commercial e-mail proposed in Bill
S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

597. spam

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-23 11:45:09 UTC
From: Barry
Topic: 597 Message: 597

Hi gang,
Feel free to send an e-mail to abuse@... with full text and
FULL HEADERS of that spam we received. I already have.
I've also deleted the source of it from the reflector and added his e-
mail address to the banned list.
Hopefully, this is an isolated event. If it becomes more common, I
can change the reflector settings to accept new members by
approval only. I'd rather not do that.
73,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

598. Venting the tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-26 23:50:39 UTC
From: Barry
Topic: 598 Message: 598

Hi all,
Years ago, I recall seeing an Alpha amp that had been vented to outside the shack. I wonder if anyone has done something like this with the Acom? If so, I'd like to hear the specifics.
Also, if Krassy or Vasco read this and might comment - would putting a vent pipe over the outflow ports, without an additional fan, restrict airflow and cause the tube temps to rise too much?

And as long as I'm asking questions - any update on the software being worked on?

Tnx,
Barry

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

599. Re: Venting the tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-28 12:38:43 UTC
From: n8wrl@arrl.net
Topic: 598 Message: 599

My amp is in a small room I build behind my operating desk where all the stuff I don't want in the shack goes - power supplies, UPS, computer, amp, etc. Temps build up a bit in there - not too bad, but I've been thinking about installing one of those bathroom-fan-vents or something. Ventilate the whole room since other things besides the amp generate heat.

I'd be a bit worried about putting a vent over the tube stacks themselves unless there was some sort of fan to help.

-Brian n8wrl

--- In acom-list@y..., "Barry " <w2up@m...> wrote:
> Hi all,
> Years ago, I recall seeing an Alpha amp that had been vented to
> outside the shack. I wonder if anyone has done something like this
> with the Acom? If so, I'd like to hear the specifics.
> Also, if Krassy or Vasco read this and might comment - would
> putting a vent pipe over the outflow ports, without an additional
fan,
> restrict airflow and cause the tube temps to rise too much?
>
> And as long as I'm asking questions - any update on the software
> being worked on?
>
> Tnx,
> Barry
>
> --
> Barry Kutner, W2UP Internet: w2up@m...
> Newtown, PA Frankford Radio Club

600. 2000A Remote Control, Cover & Tubes etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-09-30 00:33:28 UTC
From: hal@AutoCutResearch.com
Topic: 600 Message: 600

I recently recieved my 2000A and I think it is great! It remotes better than any amp I have seen on the market with the little RCU. I have the amp down in the basement where it is always dry and cool. The shack on the third floor gets pretty warm at times. The ground wire is only about 2ft long to a stake outside. And I can forget about RF in the shack. I had ordered a 30ft extension cable with the amp which didn't come. So, after I saw that the cable was only an 8 conductor shielded with DB9s on the ends I just made an extension cable myself. Mlander said Krassy would return the money I paid for the extension. (Krassy was out of the country at the time.) Anyway, when I select MEASURE on the RCU menu it generates noise in the 2mtr rig. It's not a real problem but curious and wondered if anyone else has experienced that.

Also, when I removed the cover to install the transformer, three of the little nuts that are pressed into the chassis to accept the cover screws came out (actually two were already out). I don't think this in anyway reflects on the quality of the amp. Just the chassis maker didn't press them in good or something. But I wondered if anyone has had this happen and if there are any ideas on a good fix for this. It does't seem like enough to send it back for and the cover stays on fine :) But this is an excellent piece of equipment that I am proud of and I like everything to be just right.

Alex at http://www.qsl.net/kc0afx/tubes.htm quoted me a matched pair of 4CX800A tubes at $140 last month. I was thinking about getting them for spares. But unless you go to the trouble of changing them out as soon as you get them how do you know if they are ok until finally one day you need them? Anyway, with this well protected amp should spare tubes be anymore concern than any other part?

Hal, K4HW

601. Re: 2000A Remote Control, Cover & Tubes etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-01 13:18:06 UTC
From: dick.green@valley.net
Topic: 600 Message: 601

> Alex at http://www.qsl.net/kc0afx/tubes.htm quoted me a matched pair
> of 4CX800A tubes at $140 last month. I was thinking about getting
> them for spares. But unless you go to the trouble of changing them
> out as soon as you get them how do you know if they are ok until
> finally one day you need them? Anyway, with this well protected amp
> should spare tubes be anymore concern than any other part?

Hal,

Good point about not knowing if the spare tubes are good, but it won't necessarily help to do a quick test. I put a new spare 3CX800A7 into my 87A a while back and after about 100 hours the tube developed a serious internal arc (probably a leaky seal.) You're better off using the original tubes for several hundred hours, then replacing them with the spares.

Unfortunately, amp protection isn't the issue with these tubes. It's more likely to be reliability of this, er, non-domestic product. I've heard mixed reports about that. Also, the 4CX800A tubes are subject to shipping damage. One of mine failed shortly after I put my new 2000A into service, with a failure code that suggested a screen grid short. Krassy speculated that the delicate screen had gotten jostled in shipping.

Finally, you can't just stick a new set of tubes in. The 2000A requires that the idling current be adjusted whenever the tubes are changed. You should be able to get a write-up about that procedure from Krassy.

73, Dick WC1M

602. Re: 2000A Tubes etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-01 14:31:37 UTC
From: hal@AutoCutResearch.com
Topic: 600 Message: 602

Dick,

Thanks for your insight. I suppose you could get three that are matched then you would have a spare for the spare. Hopefully, these non-domestic tubes are good. The reports I have heard have been good.

Anyway, my experience with power tubes is limited to my time as a broadcast engineer about 30 years ago. We had transmitters of various power levels AM & FM that ran 24 hours a day and the tubes lasted for years. If I remember correctly we left the filaments on when the daytime stations shut down for the night. It was explained to me early on that the expansion and contraction from the heating & cooling of turning equipment on and off does more harm than leaving it on. It also insures that moisture is always driven out. So for 30 years I have adopted that philosophy and have had great success. The down side is vulnerability to lightning damage or other power surges is greater. So I try to take great care in that department. So far so good there as well. It is my hopes that this practice will also be of benefit to the 2000A and the tubes. It would be interesting to hear the experiences of others in this area.

73, Hal K4HW

--- In acom-list@y..., dick.green@v... wrote:
> > Alex at http://www.qsl.net/kc0afx/tubes.htm quoted me a matched
> pair
> > of 4CX800A tubes at $140 last month. I was thinking about getting
> > them for spares. But unless you go to the trouble of changing
them
> > out as soon as you get them how do you know if they are ok until
> > finally one day you need them? Anyway, with this well protected
amp
> > should spare tubes be anymore concern than any other part?
>
> Hal,
>
> Good point about not knowing if the spare tubes are good, but it
> won't necessarily help to do a quick test. I put a new spare
3CX800A7
> into my 87A a while back and after about 100 hours the tube
developed
> a serious internal arc (probably a leaky seal.) You're better off
> using the original tubes for several hundred hours, then replacing
> them with the spares.
>
> Unfortunately, amp protection isn't the issue with these tubes.

It's
> more likely to be reliability of this, er, non-domestic product.
I've
> heard mixed reports about that. Also, the 4CX800A tubes are subject
> to shipping damage. One of mine failed shortly after I put my new
> 2000A into service, with a failure code that suggested a screen
grid
> short. Krassy speculated that the delicate screen had gotten
jostled
> in shipping.
>
> Finally, you can't just stick a new set of tubes in. The 2000A
> requires that the idling current be adjusted whenever the tubes are
> changed. You should be able to get a write-up about that procedure
> from Krassy.
>
> 73, Dick WC1M

603. 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-03 15:20:31 UTC
From: ka7gkn@arrl.net
Topic: 603 Message: 603

In the help menu you have the running time of the tubes. for example:
000033h now what does that tell me? the number of hours I have
transmitted? -or- the number of hours power is applied to the
tubes? -or- the time the amp is powered up? and is that in minutes?
or in actual hours?
also just for you folks with older amps my amp shows above the
running time revision code 4.5
I guess that's the amp's software revision. I do not know
specifically what the older codes are and what the upgrades have been
but I guess in the scheme of things that's not important.
and finally, I have placed thin tissue paper over the tube chimneys
to reduce dust accumulation. when the amp is running the thin tissue
paper is blown out of the way allowing full cooling and air flow. I
see the tissue paper works better than thicker papers.

Thanks for your comments....Marty ka7gkn@...

604. Re: 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-03 20:15:25 UTC
From: hal@AutoCutResearch.com
Topic: 603 Message: 604

Marty,

It would appear to be the time the amp is on even in standby mode. Seems that it would mean more if it was operating time. Wonder how that is reset when tubes are changed?

Hal K4HW

--- In acom-list@y..., ka7gkn@a... wrote:
> In the help menu you have the running time of the tubes. for example:
> 000033h now what does that tell me? the number of hours I have
> transmitted? -or- the number of hours power is applied to the
> tubes? -or- the time the amp is powered up? and is that in minutes?
> or in actual hours?
> also just for you folks with older amps my amp shows above the
> running time revision code 4.5
> I guess that's the amp's software revision. I do not know
> specifically what the older codes are and what the upgrades have been
> but I guess in the scheme of things that's not important.
> and finally, I have placed thin tissue paper over the tube chimneys
> to reduce dust accumulation. when the amp is running the thin tissue
> paper is blown out of the way allowing full cooling and air flow. I
> see the tissue paper works better than thicker papers.
>
> Thanks for your comments....Marty ka7gkn@a...

605. Re: [acom-list] Re: 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-03 20:26:16 UTC
From: Paul Christensen
Topic: 603 Message: 605

> It would appear to be the time the amp is on even in standby mode.
> Seems that it would mean more if it was operating time. Wonder how
> that is reset when tubes are changed?

Or, for that matter...how does one change the tube serial numbers on the RCU display upon tube replacement?

-Paul, W9AC

606. Re: [acom-list] Re: 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-03 20:45:48 UTC
From: Barry
Topic: 603 Message: 606

On 3 Oct 01, at 16:26, Paul Christensen wrote:

> > It would appear to be the time the amp is on even in standby mode.
> > Seems that it would mean more if it was operating time. Wonder how
> > that is reset when tubes are changed?
>
> Or, for that matter...how does one change the tube serial numbers on
> the RCU display upon tube replacement?
>
> -Paul, W9AC
>

You mean the amp isn't smart enough to read the serial number directly from the tubes? :.)
I guess there are lots of little programming "secrets" inside that amp, all of which can be set from the RCU, or maybe through the serial port.
BTW, I got the second amp in the US, almost 2 1/2 years ago, and my firmware is rev 3.3. I bought a second amp last year and it's rev 3.4, whatever that means.
73,
Barry
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

607. Re: 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-03 23:56:14 UTC
From: hal@AutoCutResearch.com
Topic: 603 Message: 607

Good questions all! Isn't there a service manual for the best amp in the world? I have been meaning to ask Krassy about that but haven't yet needed one. Its just that I like reading over such things to see how things are done. Besides, if you do need it, it's nice to already have it and be familiar with it. These things are a bit of trouble to ship. It's not like boxing up the 2 meter rig:-) And after all, we are hams.

Hal, K4HW

--- In acom-list@y..., "Barry " <w2up@m...> wrote:
> On 3 Oct 01, at 16:26, Paul Christensen wrote:
>
> > > It would appear to be the time the amp is on even in standby mode.
> > > Seems that it would mean more if it was operating time. Wonder how
> > > that is reset when tubes are changed?
> >
> > Or, for that matter...how does one change the tube serial numbers on
> > the RCU display upon tube replacement?
> >
> > -Paul, W9AC
> >
> You mean the amp isn't smart enough to read the serial number
> directly from the tubes? :.)
> I guess there are lots of little programming "secrets" inside that
> amp, all of which can be set from the RCU, or maybe through the
> serial port.
> BTW, I got the second amp in the US, almost 2 1/2 years ago, and
> my firmware is rev 3.3. I bought a second amp last year and it's rev
> 3.4, whatever that means.
> 73,
> Barry
> --
> Barry Kutner, W2UP Internet: w2up@m...
> Newtown, PA Frankford Radio Club

608. Re: [acom-list] 5-1 help running time of tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-04 12:45:30 UTC
From: aa1nd@aol.com
Topic: 603 Message: 608

Hi Marty ,

Running time is the number of hours the heater is applied to the tubes. While you are using the OFF-MENU only the RCU is powered, so this time is excluded. The time is in actual hours but you may note that it indicates slightly less than the true.

The revision code (4.5) is concerned to the firmware of the amplifier. The first figure is for the RCU firmware and the second - for the CPU. No amplifier's function has been changed since the first release in 1998 (rev.2.2). Only minor improvements have been made, that do not concern the substantial amplifier's functions (text messages edition etc).

Krassy

609. run time = 46 hours

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-14 23:39:56 UTC
From: ka7gkn@arrl.net
Topic: 609 Message: 609

Boy you never realize how fast time flys. I have a run time of 46 hours already and I run anywhere from 500-1.5kw I just want the group to know this 2000A is a wonderful amp. No problems with the Icom IC-775DSP. It's nice to have all that extra head room and the ability to increase the power to 1.5kw when needed.

I often run through the measurementus when on the air and find it very helpful. It would, however, be very convenient if the fwd-pwr, rev-pwr and swr would have been in order instead of having to scroll to them.

I do have a tissue paper cover to keep the tube chimneys free of collecting dust. They pop up very easily and almost vertical when the amp is on and the fans is blowing. I do not see any problems with that. Typically idle temperatures runs around 30-40c and depending how long winded and the power out the temperatures can go to 90-100c I am not used to that amount of heat produced by an amp but my other unit was a single 3500z and it was not as hot.

Anyway I enjoy reading comments from this group....later,

Marty ka7gkn@...

610. dxc.aa2mf.net NEW AA2MF NODE ADDRESS

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-18 14:12:33 UTC
From: RCARIELLO
Topic: 610 Message: 610

Quite a few of my users read this reflector so I hope posting this
information is not a problem.

I have been advising a possible change to my node address for the last week
or so. Well it finally happened.
My new telnet address is: dxc.aa2mf.net

Please use this address to connect using your telnet program.

Rich AA2MF

611. Re:ACOM 1000-keying circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-23 17:12:56 UTC
From: aa1nd@aol.com
Topic: 611 Message: 611

It was a few questions regarding the keying circuit for ACOM 1000.

The keying circuit requirements for the ACOM1000 amplifier are the same as for the ACOM2000A:

1. The antenna relay T/R control input of the amplifier is called "KEY-IN". When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground). The electrical specifications of the amplifier's input are: switching voltage (open circuit) minimum 12V, positive to ground; switching current (closed circuit) minimum 12mA; voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

You can control the KEY-IN signal in two different ways.

The preferred mode is to connect the KEY-IN socket with a shielded cable to the transceiver's output which goes to ground on transmit. Practically all transceivers have such an output and their electrical specifications exceed the needs. Transceiver producers give different names to this output and they are for instance TX-GND, SEND, *T/R-LINE etc. Some transceivers require that "ground on transmit" is implemented via a software command, or by changing of a switch on the rear panel, or interior of the transceiver. Check in your transceiver's manual.

If your transceiver has not a suitable connector providing the "ground on transmit" output signal, you can use this second way. Connect with a shielded cable the PTT or CW keyer contact to the amplifier rear panel KEY-IN socket. Then connect with a shielded cable the amplifier rear panel KEY-OUT socket to the PTT or CW-KEY transceiver input. In this mode the amplifier will just pass directly the PTT or keyer signal to the transceiver when not powered and in STBY. In OPERATE mode it will follow it always when the antenna relay is in safe position and will disable transmitting during relay's motion or any risk situation.

Have in mind that the second way of transmit/receive control could be very useful also if the transceiver has improper sequency of its T/R signals (for instance if the "ground on transmit" signal is late, after the RF power is appeared).

2. Both amplifiers ACOM1000 and ACOM2000A are QSK-compatible with all QSK-capable transceivers on the market. The only limitations are the electrical specifications of the KEY-IN and KEY-OUT signals.

The KEY-OUT socket on the rear panel is phono type (RCA). This is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability

of the amplifier. This output is usable when the preferred connection of the KEY-IN socket is made (see para.1) and the transceiver has the respective input to disable transmitting when needed. If your transceiver has not such an input or you use the second way of the KEY-IN connection, don't worry - the amplifier will function normally as well and then the KEY-OUT may remain unused.

Anyway, if your transceiver has a suitable input which disables transmission, we recommend that you connect it with a shielded cable to the KEY-OUT socket of the amplifier. Transceiver producers give different names to this input and they are for instance TX-INHIBIT, MUTE, LINEAR etc. Some transceivers may require that "transmit disable" function is implemented via a software command, or by changing of a switch, etc. Check in your transceiver's manual.

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit, this line is held to ground. When transmitting is not permissible, the output is open (for instance when the antenna relay is in process of switching). The electrical specifications of the amplifier's output are: switching voltage (open circuit) up to +50V; switching current (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered and also in STANDBY mode, this output is directly connected to the KEY-IN socket. Then the amplifier will return the "ground on transmit" back to the transceiver's transmit enable input.

In OPERATE mode the KEY-OUT signal will follow the incoming on the KEY-IN socket "ground on transmit" always when the antenna relay is in safe position and will reject transmitting if any risk condition is detected. Anyway, the amplifier contains an internal self-protection which keeps track on the safe QSK T/R swhitching even when the KEY-OUT is not used.
Krassy K1LZ

612. Join the group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-28 12:21:49 UTC
From: Ing. Antonio Scolamiero
Topic: 612 Message: 612

Yesterday arrived my amplifier ACOM 1000A, hope to put on air next weekend, any tips?

73´s dx from YV4DDK
yv4ddk@...

[Non-text portions of this message have been removed]

613. Re: [acom-list] Join the group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-28 14:24:52 UTC
From: Martin I. Shapiro
Topic: 612 Message: 613

Congratulations you won't be dissapointed with the amp. what rig will you be using?
tips: read the manual twice, don't be afraid of the box! when installing the transformer ensure the voltage taps [bars] are set correctly, push in all fuses, connectors touch them don't just look at them. admire the quality of the construction.
You might notice an odor when you first turn on the amp let it "cook" a while before transmitting...oh 20 minutes or so so all components settle in. and the odor...call it that new car [amp] smell it will go away after some run time hours.
before turning on the amp run through the menu stuff to become familiar with it
them take a deep breath and press the red button! after the 2 minute period be prepared to be wowed! and enjoy the amp

regards, Marty ka7gkn@...

On Sun, 28 Oct 2001 08:21:49 -0400, acom-list@yahoogroups.com wrote:

> Yesterday arrived my amplifier ACOM 1000A, hope to put on air next weekend, any tips?
>
> 73´s dx from YV4DDK
> yv4ddk@...
>
>
> [Non-text portions of this message have been removed]
>
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Send a cool gift with your E-Card
http://www.bluemountain.com/giftcenter/

614. New user

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-30 00:00:47 UTC
From: Marcelo
Topic: 612 Message: 614

Hello friends,

I´ve just got myself a Acom 2000A. I´ve been using them a lot, at PY5EG contest station (ZW5B), and at the first time I used one I promised myself one day I´d have one. Well, the day has come!

I still haven´t fired it, since I still need 220V in the shack, but the plans are to be on the air on the coming weekend!

73´s

Marcelo, PY1KN / PY2KN

615. Re: [acom-list] Join the group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-10-31 09:14:21 UTC
From: Bob Naumann - N5NJ
Topic: 612 Message: 615

Yes!

Enjoy your Acom 1000! I just used one at V26B on 15m in the CQWW SSB and made 3900 qsos with it.

Very smooth tuning and operation. It also has many of the protections like it's big brother, the 2000, so you cannot damage it. Metering is complete too.

This is also a great amplifier for DXpeditioning as the you don't have to remove the transformer or tubes, just take it out of the box and plug it in. For a lot of travel, investment in a heavy duty shipping case with ATA rating might be a good idea so it can be checked safely as baggage.

Construction is the same quality as the 2000.

73,
Bob N5NJ

----- Original Message -----
From: "Ing. Antonio Scolamiero" <scolamiero@...>
To: "lista acom" <acom-list@yahoogroups.com>
Sent: Sunday, October 28, 2001 6:21 AM
Subject: [acom-list] Join the group

Yesterday arrived my amplifier ACOM 1000A, hope to put on air next weekend, any tips?

73?s dx from YV4DDK
yv4ddk@...

[Non-text portions of this message have been removed]

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616. ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-01 06:39:45 UTC
From: Herrmann, Thomas
Topic: 616 Message: 616

Can anyone explain how ACOM2000A-soft identifies the "ARC fault" ?
After more than 1000h runtime, my ACOM2000A switches off due to ARC fault;
on the other Hand, there is no indication that antenna ore feeder is broken.
I can match the antenna flawless using the FT-890's automatic antenna tuner.
VSWR, RX- & TX-behaviour without amplifier are ok. Where I have to look ?
Thanks and 73 de Thomas, DL1AMQ

617. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-01 08:41:34 UTC
From: k5yg@aol.com
Topic: 616 Message: 617

I had the same thing - My vswr meter did not show a problem. My AL-1500 did not fault out. My wire antenna was bushing up against a tree limb. Cut away the limbs and no more arc fault. Krassy recommended to stay away from slopers that use the tower. There are many places to arc - I had a problem where my force 12 beams were arcing between the element and boom insulators.

73 de Bill, K5YG - Very, very happy Acom 2000A owner

In a message dated 11/1/2001 1:40:13 AM Eastern Standard Time, Thomas.Herrmann@... writes:

<< an anyone explain how ACOM2000A-soft identifies the "ARC fault" ?
After more than 1000h runtime, my ACOM2000A switches off due to ARC fault;
on the other Hand, there is no indication that antenna ore feeder is broken.
I can match the antenna flawless using the FT-890's automatic antenna tuner.
VSWR, RX- & TX-behaviour without amplifier are ok. Where I have to look ?
Thanks and 73 de Thomas, DL1AMQ >>

618. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-04 22:10:16 UTC
From: alsopb
Topic: 616 Message: 618

I too have had 20+ arc faults this weekend during SS.

They were limited to 20-15-10 and not 80/40.

It is possible something is wrong with the feedline/antenna etc.
However
key down at full power indicated no SWR problems or heating effects.

I have noticed sometime that the RX doesn't come back to full
strength.
It is solved by a dit. This usually indicates bad relay contacts
somewhere. I can't say if it is in the amp, xcvr or antenna relay
box.

Could it be that these are symptoms of the vacuum relay failing?

Amp has 1047 hours on it and has been run mostly QSK and for contests.

73 de Brian/K3KO

619. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-04 22:30:48 UTC
From: Barry
Topic: 616 Message: 619

Brian,
ARC Falut is a great predictor of impending failure of antennas. It's
picks up the problem well before they go from intermittent to full-
time.
In my case, one of my TH7s had some Arc faults. I ignored it for a
year. Then, after a rain, the SWR was very high. Turned out to be
spider debris including leaf material they dragged up for their nests,
inside the traps. Took down the driven elements, broke them down
to sections, took apart the traps, cleaned them out. Reassembled
antenna - worked like a charm with no more rain problems and no
more Arc faults.
Moral of the story, if you're getting arc faults, something is
intermittent or shorting somewhere.
Barry W2UP

On 4 Nov 01, alsopb wrote:

> I too have had 20+ arc faults this weekend during SS.
>
> They were limited to 20-15-10 and not 80/40.
>
> It is possible something is wrong with the feedline/antenna etc.
> However
> key down at full power indicated no SWR problems or heating effects.
>
> I have noticed sometime that the RX doesn't come back to full
> strength.
> It is solved by a dit. This usually indicates bad relay contacts
> somewhere. I can't say if it is in the amp, xcvr or antenna relay
> box.
>
> Could it be that these are symptoms of the vacuum relay failing?
>
> Amp has 1047 hours on it and has been run mostly QSK and for contests.
>
> 73 de Brian/K3KO
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

620. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-04 22:48:28 UTC
From: Larry Crim
Topic: 616 Message: 620

I get ARC FAULTS when using my 160m shunt fed tower. Everything in the system seems OK...I think it's arcing from section to section. This problem only happens at high power.

Any ideas, outside of jumpering across each section?

-Larry K4AB

----- Original Message -----
From: Barry
Sent: Sunday, November 04, 2001 16:33
To: alsopb; acom-list@yahoogroups.com
Subject: Re: [acom-list] ARC fault

Brian,
ARC Falut is a great predictor of impending failure of antennas. It's picks up the problem well before they go from intermittent to full-time.
In my case, one of my TH7s had some Arc faults. I ignored it for a year. Then, after a rain, the SWR was very high. Turned out to be spider debris including leaf material they dragged up for their nests, inside the traps. Took down the driven elements, broke them down to sections, took apart the traps, cleaned them out. Reassembled antenna - worked like a charm with no more rain problems and no more Arc faults.
Moral of the story, if you're getting arc faults, something is intermittent or shorting somewhere.
Barry W2UP

On 4 Nov 01, alsopb wrote:

> I too have had 20+ arc faults this weekend during SS.
>
> They were limited to 20-15-10 and not 80/40.
>
> It is possible something is wrong with the feedline/antenna etc.
> However
> key down at full power indicated no SWR problems or heating effects.
>
> I have noticed sometime that the RX doesn't come back to full
> strength.
> It is solved by a dit. This usually indicates bad relay contacts
> somewhere. I can't say if it is in the amp, xcvr or antenna relay
> box.
>
> Could it be that these are symptoms of the vacuum relay failing?

>
> Amp has 1047 hours on it and has been run mostly QSK and for contests.
>
> 73 de Brian/K3KO
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

621. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-04 23:35:20 UTC
From: Richard Thorne
Topic: 616 Message: 621

The Acom amp has turned out to be a very effective antenna test instrument at my station. When I first installed the amp a couple of years ago, I had to change a few cables due to ARC faults.

Running the amp has forced me to ensure my antenna systems are up to par.

Barry wrote:

> Brian,
> ARC Falut is a great predictor of impending failure of antennas. It's
> picks up the problem well before they go from intermittent to full-
> time.
> In my case, one of my TH7s had some Arc faults. I ignored it for a
> year. Then, after a rain, the SWR was very high. Turned out to be
> spider debris including leaf material they dragged up for their nests,
> inside the traps. Took down the driven elements, broke them down
> to sections, took apart the traps, cleaned them out. Reassembled
> antenna - worked like a charm with no more rain problems and no
> more Arc faults.
> Moral of the story, if you're getting arc faults, something is
> intermittent or shorting somewhere.
> Barry W2UP
>
> On 4 Nov 01, alsopb wrote:
>
> > I too have had 20+ arc faults this weekend during SS.
> >
> > They were limited to 20-15-10 and not 80/40.
> >
> > It is possible something is wrong with the feedline/antenna etc.
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> > key down at full power indicated no SWR problems or heating effects.
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> > I have noticed sometime that the RX doesn't come back to full
> > strength.
> > It is solved by a dit. This usually indicates bad relay contacts
> > somewhere. I can't say if it is in the amp, xcvr or antenna relay
> > box.
> >
> > Could it be that these are symptoms of the vacuum relay failing?
> >
> > Amp has 1047 hours on it and has been run mostly QSK and for contests.
> >
> > 73 de Brian/K3KO
> >
> >

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> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
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--
Rich Thorne
ARS: N5ZC
Amarillo, TX
http://www.tcac.net/~rthorne/index.html

622. Re: [acom-list] ARC fault

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-04 23:41:58 UTC
From: alsopb
Topic: 616 Message: 622

Thanks Barry,

I have a history of blowing out the balun in 4 band quad. Other amps completely fried it. This one seems to have had a comparatively long life.
Other possibility: There have been numerous hornets/wasps circling around the top of the tower and antenna. Perhaps they have built a mud bridge across the balun.

Who knows. I have a spare bauln. Try that first, if the hornets don't get me.

It is neat having an amp which is so "protective".
73 de Brian/K3KO

Barry wrote:
>
> Brian,
> ARC Falut is a great predictor of impending failure of antennas. It's
> picks up the problem well before they go from intermittent to full-
> time.
> In my case, one of my TH7s had some Arc faults. I ignored it for a
> year. Then, after a rain, the SWR was very high. Turned out to be
> spider debris including leaf material they dragged up for their nests,
> inside the traps. Took down the driven elements, broke them down
> to sections, took apart the traps, cleaned them out. Reassembled
> antenna - worked like a charm with no more rain problems and no
> more Arc faults.
> Moral of the story, if you're getting arc faults, something is
> intermittent or shorting somewhere.
> Barry W2UP
>
> On 4 Nov 01, alsopb wrote:
>
> > I too have had 20+ arc faults this weekend during SS.
> >
> > They were limited to 20-15-10 and not 80/40.
> >
> > It is possible something is wrong with the feedline/antenna etc.
> > However
> > key down at full power indicated no SWR problems or heating effects.
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> > strength.
> > It is solved by a dit. This usually indicates bad relay contacts
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> > Amp has 1047 hours on it and has been run mostly QSK and for contests.
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623. Re: Arcing antennas, towers, etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-05 01:59:49 UTC
From: k5yg@aol.com
Topic: 623 Message: 623

I had the same problem with the Rx not coming back to full strength until I sent a dot. Turned out to be a Daiwa A/B Coaxial Switch. The contacts were dirty --- I doubt you would have that problem with the Acom Antenna Switch as it has double contacts.

Again, Krasy said to stay away from slopers or any other antennas that radiates a tower with rotors and beams on it. I have 4/4/4/4 on my tower -- It was arcing all over the place.

I was also getting arc faults when my wire antenna came in contact with tree limbs.

My AL1500 could care less, but the 2000A faulted out all the time.

73 de Bill, K5YG

In a message dated 11/4/01 4:12:04 PM Central Standard Time, alsopb@... writes:

<< I too have had 20+ arc faults this weekend during SS.

They were limited to 20-15-10 and not 80/40.

It is possible something is wrong with the feedline/antenna etc. However
key down at full power indicated no SWR problems or heating effects.

I have noticed sometime that the RX doesn't come back to full strength. >>

624. Re: [acom-list] Re: Arcing antennas, towers, etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-05 15:55:19 UTC
From: Glenn O'Donnell
Topic: 623 Message: 624

----- Original Message -----
From: <k5yg@...>

> I was also getting arc faults when my wire antenna came in contact with tree
> limbs.

My 160m Inv-V did this during the recent PA QSO Party. The amp didn't complain, but I did ignite the tree!!

> My AL1500 could care less, but the 2000A faulted out all the time.

As it should. This is one of the reasons we paid extra for the automagic control.

BTW, I had severe ARC FAULT errors when I first got my 2000A. Some of it was attributed to cheesy connections in my RF lines. Others have attested to this method of "shaking out" one's feedlines and antennas with the ultimate "smoke test" of 1500W applied to the whole mess. I found things that were never problems at 100-200W and my station is much improved now as a result.

What I found to be the biggest culprit in my situation, however, was my Icom IC-775DSP exciter. Taking the amplifier key signal off the RELAY output of the transceiver was a disaster. K3WW and N2TK advised me to take the SEND signal off the ACC jacks in the back ot the XCVR instead. It turns out, the RELAY signal is just a hair slower than the RF out and the amp gets RF before it gets the key signal. Bad news! The SEND signal off the ACC jacks is earlier in the circuitry and just that much faster. The KEY signal gets to the amp just before the RF and it is a much happier camper.

I guess the ARC FAULT resulted from the closure of the amp's relays while the RF was flowing. Maybe Krassy or someone with a better understanding of the 2000A's internal workings can shed some light on this.

Anyhow, the 2000A has been working like a champ for me since I was enlightened to this issue.

LOUD IS GOOD!!

73 de Glenn K3PP

625. RE: Re: [acom-list] Re: Arcing antennas, towers, etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-05 16:44:39 UTC
From: n5nj@gte.net
Topic: 623 Message: 625

>>What I found to be the biggest culprit in my situation, however, was my Icom IC-775DSP exciter. Taking the amplifier key signal off the RELAY output of the transceiver was a disaster. K3WW and N2TK advised me to take the SEND signal off the ACC jacks in the back ot the XCVR instead. It turns out, the RELAY signal is just a hair slower than the RF out and the amp gets RF before it gets the key signal. Bad news! The SEND signal off the ACC jacks is earlier in the circuitry and just that much faster. The KEY signal gets to the amp just before the RF and it is a much happier camper. <<

This is true for many newer radios. We saw this on the Icom 756Pro and also on a Yaesu FT1000MP at V26B last weekend.

>I guess the ARC FAULT resulted from the closure of the amp's relays while
the RF was flowing. Maybe Krassy or someone with a better understanding of
the 2000A's internal workings can shed some light on this.<

My understanding is that the ARC FAULT that the 2000 reports is located outside of the amplifier somewhere in the antenna system.

If it was a timing problem, you'd see a message that says something like "Protection - RF at wrong time".

73,
Bob N5NJ

---
mail2web - Check your email from the web at
http://mail2web.com/ .

626. ARC faults

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-06 07:35:08 UTC
From: Herrmann, Thomas
Topic: 626 Message: 626

BTW, the reason for ARC faults, which initiated that topic, was a PL-connector for H213 coax. The type was not for soldering, but for crimping only and had a cheap Isolation. The connector did his job all the time before ACOM2000A; but power is ...

Many thanks for an amplifier leading me to qualify my antenna system.

DL1AMQ, Thomas

627. Heater led

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-07 00:03:02 UTC
From: Marcelo
Topic: 627 Message: 627

Hello Friends!

I put my new (used) Acom 2000 into service this weekend, it worked great,
but the HEATER led in the control unit kept blinking all the time.

Is this a normal thing? Any tips on what could it mean?

Thanks

Marcelo, PY1KN / PY2KN

628. Heater light

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-07 00:58:10 UTC
From: Marcelo
Topic: 628 Message: 628

Well,
After some research in the archives I found this seems to be a common issue, related to mains voltage.

Thanks Rich for the prompt reply.

73´s

Marcelo, PY1KN / PY2KN

629. Re: [acom-list] Heater led

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-07 04:11:22 UTC
From: A. J. (Jim) Movius
Topic: 627 Message: 629

Marcelo,
Had the same problem some time ago. Turned out to be failed Molex connectors in the heater leads. There are 3 pair of them in the heater circuit . My unit was early production, serial no. 990147, and although out of warranty, the factory sent me new ones no charge.
Best wishes,
Jim, KL7JM
----- Original Message -----
From: "Marcelo" <marcelo@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 06, 2001 3:03 PM
Subject: [acom-list] Heater led

> Hello Friends!
>
> I put my new (used) Acom 2000 into service this weekend, it worked great,
> but the HEATER led in the control unit kept blinking all the time.
>
> Is this a normal thing? Any tips on what could it mean?
>
> Thanks
>
> Marcelo, PY1KN / PY2KN
>
>
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630. Re: [acom-list] Join The Group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-07 09:59:26 UTC
From: FoggyAsEver MacUser
Topic: 630 Message: 630

You have to "cook" the amp to get rid of the new
material smell? Does this mean they're not burned in
by the factory?

When I was in the amplifier (commercial) business, we
ran them hard up against the limits for 96 hours
before we boxed them. By the end of that time, we
shook out all the potential infancy failures in
components, and also did major outgassing of parts.
And we wondered if we were a bit lax. Apparently,
Acom is even more lax?

That's a disappointment...

> Date: Sun, 28 Oct 2001 06:24:52 -0800 (PST)
> From: "Martin I. Shapiro" <ka7gkn@...>
> Subject: Re: Join the group
>
>
> Congratulations you won't be dissapointed with the
> amp. what rig will you be
> using?
> tips: read the manual twice, don't be afraid of the
> box! when installing the
> transformer ensure the voltage taps [bars] are set
> correctly, push in all
> fuses, connectors touch them don't just look at
> them. admire the quality of
> the construction.
> You might notice an odor when you first turn on the
> amp let it "cook" a
> while before transmitting...oh 20 minutes or so so
> all components settle in.
> and the odor...call it that new car [amp] smell it
> will go away after some
> run time hours.
> before turning on the amp run through the menu stuff
> to become familiar with
> it
> them take a deep breath and press the red button!
> after the 2 minute period
> be prepared to be wowed! and enjoy the amp
>
> regards, Marty ka7gkn@...

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631. Re: [acom-list] Join The Group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-07 12:31:36 UTC
From: Brian, N8WRL
Topic: 630 Message: 631

I don't think so. When I ordered mine, Krassy received the shipment from LZ-land where it had gone thru the burn-in and QA time. Then he made the 10/12 mods (with my license) and burned it in another 24 hours before shipping it to me. When I installed it, he insisted that he be on the phone with me and had me transmit full-out into all of my antennas with him on the line. Not a hiccup then or since, and no funny smells.

I worked SOAB in CQWW and got several unsolicited comments, including calls from Tokyo and Hamburg saying I was 10-20 over! The Tokyo call was really neat because the band sounded dead but I think I had the grey-line so I started calling CQ and the JA's came out of the woodwork on 15! Fun fun fun.

An _awesome_ amp!

73!

-Brian n8wrl
----- Original Message -----
From: FoggyAsEver MacUser
To: acom-list@yahoogroups.com
Sent: Wednesday, November 07, 2001 04:59 AM
Subject: Re: [acom-list] Join The Group

You have to "cook" the amp to get rid of the new
material smell? Does this mean they're not burned in
by the factory?

When I was in the amplifier (commercial) business, we
ran them hard up against the limits for 96 hours
before we boxed them. By the end of that time, we
shook out all the potential infancy failures in
components, and also did major outgassing of parts.
And we wondered if we were a bit lax. Apparently,
Acom is even more lax?

That's a disappointment...

> Date: Sun, 28 Oct 2001 06:24:52 -0800 (PST)
> From: "Martin I. Shapiro" <ka7gkn@...>
> Subject: Re: Join the group
>
>
> Congratulations you won't be dissapointed with the
> amp. what rig will you be
> using?
> tips: read the manual twice, don't be afraid of the
> box! when installing the
> transformer ensure the voltage taps [bars] are set

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> fuses, connectors touch them don't just look at
> them. admire the quality of
> the construction.
> You might notice an odor when you first turn on the
> amp let it "cook" a
> while before transmitting...oh 20 minutes or so so
> all components settle in.
> and the odor...call it that new car [amp] smell it
> will go away after some
> run time hours.
> before turning on the amp run through the menu stuff
> to become familiar with
> it
> them take a deep breath and press the red button!
> after the 2 minute period
> be prepared to be wowed! and enjoy the amp
>
> regards, Marty ka7gkn@...

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[Non-text portions of this message have been removed]

632. Re: [acom-list] Join The Group

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-08 01:34:55 UTC
From: N0AT
Topic: 630 Message: 632

My 2000A is almost a year old, and I still get the "new material smell" when I run it. Not when it is idling, but when it is putting out rf. The smell is worse on high duty cycle modes, such as RTTY. Ten meter RTTY running 1500W out is the worst. It smells like phenolic burning.

I replaced the Molex connectors, and that did not help. I looked throughout the amplifier, and cant find any discoloration anywhere.

Ron N0AT

----- Original Message -----
From: "FoggyAsEver MacUser" <eudamac3@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, November 07, 2001 0359
Subject: Re: [acom-list] Join The Group

> You have to "cook" the amp to get rid of the new
> material smell? Does this mean they're not burned in
> by the factory?
>
> When I was in the amplifier (commercial) business, we
> ran them hard up against the limits for 96 hours
> before we boxed them. By the end of that time, we
> shook out all the potential infancy failures in
> components, and also did major outgassing of parts.
> And we wondered if we were a bit lax. Apparently,
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>
> That's a disappointment...
>
> > Date: Sun, 28 Oct 2001 06:24:52 -0800 (PST)
> > From: "Martin I. Shapiro" <ka7gkn@...>
> > Subject: Re: Join the group
> >
> >
> > Congratulations you won't be dissapointed with the
> > amp. what rig will you be
> > using?
> > tips: read the manual twice, don't be afraid of the
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> > transformer ensure the voltage taps [bars] are set
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> > regards, Marty ka7gkn@...
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>
> _____
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>
>

633. ACOM 1000 on air

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-11 22:53:50 UTC
From: Ing. Antonio Scolamiero
Topic: 633 Message: 633

Finally Today I put on air my ACOM 1000, I only can said wonderful, work silent, easy to tune and load, I still reading to learn some tips, with only 55-60 watts put 1 kw out in 40 meters, 20 meters and 50 mhz, now wait for and opening to put on air my 7 element yagui @15 meters plus 1kw.

Thanks for all help.

see on air.
73´s dx de YV4DDK
FK60
yv4ddk@...
scolamiero@...

[Non-text portions of this message have been removed]

634. Drive Power Varies from Band to Band

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-12 19:48:06 UTC
From: Richard Thorne
Topic: 634 Message: 634

Hello Group:

I was curious if other 2000a users have noticed the following:

On 15 meters, my 2000a requires about 80 watts drive to get full output (1500 watts). On the other bands the amp only requires 50 watts for full output.

However, when I took the amp down to K5NA's for CQWW SSB a few weeks ago, the amp only required 50 watts drive on 15 meters.

The swr was less than 1.5:1 on K5NA's 15m antenna and the swr on my 15m antenna is less than 1.5:1.

The only difference that I know for sure is the main's voltage. At K5NA's we had a good constant 237v and I had the tap set for 240v. At my station I have the tap set at 240v but my mains are running 225v consistently. I tried the 220v tap at my station but the transformer hummed quite loudly when I transmitted. When I switched to the 240 tap the humming went away and the amp appeared to perform better.

Another kink is that the voltage to my station (located at my office by the way) is 208v. I had an electrician install a step up transfomer which was supposed to provide 240v, but the best I'm getting is the 225 as mentioned above. The voltage to the building stinks in the first place as it varies from 200v to 208v which probably explains why I'm only getting 225v from the step up transformer.

Anyways with all this great information, any theories why I need so much drive power on 15m?

Thanks in advance.

Rich - N5ZC
Amarillo, TX

635. Re: [acom-list] Drive Power Varies from Band to Band

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-12 20:12:34 UTC
From: alsopb
Topic: 634 Message: 635

Question: Have you tried tuning the segment where you are requiring
80 watts.
If the amp is far from optimum tune, it takes a heck of a lot of drive
to get full output. I have multiple antennas here on several bands.
The amp is tuned for the primary ant. When switching to alternate
antenna, I see as much as 500 watts of output lost. The alternate
antenna's don't have an swr much different from the primary. Thus I
would require quite a bit more drive to get it to max output with
alternate antenna-- if I didn't retune the amp.

73 de Brian/K3KO

Richard Thorne wrote:
>
> Hello Group:
>
> I was curious if other 2000a users have noticed the following:
>
> On 15 meters, my 2000a requires about 80 watts drive to get full output
> (1500 watts). On the other bands the amp only requires 50 watts for
> full output.
>
> However, when I took the amp down to K5NA's for CQWW SSB a few weeks
> ago, the amp only required 50 watts drive on 15 meters.
>
> The swr was less than 1.5:1 on K5NA's 15m antenna and the swr on my 15m
> antenna is less than 1.5:1.
>
> The only difference that I know for sure is the main's voltage. At
> K5NA's we had a good constant 237v and I had the tap set for 240v. At
> my station I have the tap set at 240v but my mains are running 225v
> consistently. I tried the 220v tap at my station but the transformer
> hummed quite loudly when I transmitted. When I switched to the 240 tap
> the humming went away and the amp appeared to perform better.
>
> Another kink is that the voltage to my station (located at my office by
> the way) is 208v. I had an electrician install a step up transfomer
> which was supposed to provide 240v, but the best I'm getting is the 225
> as mentioned above. The voltage to the building stinks in the first
> place as it varies from 200v to 208v which probably explains why I'm
> only getting 225v from the step up transformer.
>
> Anyways with all this great information, any theories why I need so much
> drive power on 15m?
>

> Thanks in advance.
>
> Rich - N5ZC
> Amarillo, TX
>
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636. RE: [acom-list] Drive Power Varies from Band to Band

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-12 20:20:45 UTC
From: n5nj@gte.net
Topic: 634 Message: 636

Rich,

Why not run the amp at 208V ?

It sounds as though your building has 120/208v 3 phase power.

You could set the amp at 200v or 220v.

73,
Bob N5NJ

Original Message:

From: Richard Thorne rthorne@tcac.net
Date: Mon, 12 Nov 2001 13:48:06 -0600
To: acom-list@yahoogroups.com
Subject: [acom-list] Drive Power Varies from Band to Band

Hello Group:

I was curious if other 2000a users have noticed the following:

On 15 meters, my 2000a requires about 80 watts drive to get full output (1500 watts). On the other bands the amp only requires 50 watts for full output.

However, when I took the amp down to K5NA's for CQWW SSB a few weeks ago, the amp only required 50 watts drive on 15 meters.

The swr was less than 1.5:1 on K5NA's 15m antenna and the swr on my 15m antenna is less than 1.5:1.

The only difference that I know for sure is the main's voltage. At K5NA's we had a good constant 237v and I had the tap set for 240v. At my station I have the tap set at 240v but my mains are running 225v consistently. I tried the 220v tap at my station but the transformer hummed quite loudly when I transmitted. When I switched to the 240 tap the humming went away and the amp appeared to perform better.

Another kink is that the voltage to my station (located at my office by the way) is 208v. I had an electrician install a step up transfomer which was supposed to provide 240v, but the best I'm getting is the 225 as mentioned above. The voltage to the building stinks in the first place as it varies from 200v to 208v which probably explains why I'm only getting 225v from the step up transformer.

Anyways with all this great information, any theories why I need so much drive power on 15m?

Thanks in advance.

Rich - N5ZC
Amarillo, TX

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mail2web - Check your email from the web at
http://mail2web.com/ .

637. Re: [acom-list] Drive Power Varies from Band to Band

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-12 20:35:54 UTC
From: Richard Thorne
Topic: 634 Message: 637

I'm not worthy of this list. I had totally forgotten about the auto tune feature. I have changed my antenna setup this summer which changed the tuning.

Thank you gentlemen, I am now getting 1500 watts out on 15m with 50 watts of drive. I'll auto tune the rest of the system as the new wires go up for 40 and 80 this week.

I'm trying to finish things up in preperation for SS SSB this weekend.

alsopb wrote:

> Question: Have you tried tuning the segment where you are requiring
> 80 watts.
> If the amp is far from optimum tune, it takes a heck of a lot of drive
> to get full output. I have multiple antennas here on several bands.
> The amp is tuned for the primary ant. When switching to alternate
> antenna, I see as much as 500 watts of output lost. The alternate
> antenna's don't have an swr much different from the primary. Thus I
> would require quite a bit more drive to get it to max output with
> alternate antenna-- if I didn't retune the amp.
>
> 73 de Brian/K3KO
>
> Richard Thorne wrote:
> >
> > Hello Group:
> >
> > I was curious if other 2000a users have noticed the following:
> >
> > On 15 meters, my 2000a requires about 80 watts drive to get full output
> > (1500 watts). On the other bands the amp only requires 50 watts for
> > full output.
> >
> > However, when I took the amp down to K5NA's for CQWW SSB a few weeks
> > ago, the amp only required 50 watts drive on 15 meters.
> >
> > The swr was less than 1.5:1 on K5NA's 15m antenna and the swr on my 15m
> > antenna is less than 1.5:1.
> >
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> > my station I have the tap set at 240v but my mains are running 225v
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> > the way) is 208v. I had an electrician install a step up transfomer
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> > as mentioned above. The voltage to the building stinks in the first
> > place as it varies from 200v to 208v which probably explains why I'm
> > only getting 225v from the step up transformer.
> >
> > Anyways with all this great information, any theories why I need so much
> > drive power on 15m?
> >
> > Thanks in advance.
> >
> > Rich - N5ZC
> > Amarillo, TX
> >
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

638. Re: [acom-list] Drive Power Varies from Band to Band

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-12 20:37:02 UTC
From: Richard Thorne
Topic: 634 Message: 638

Hi Bob:

I did have the tap set for 200v prior to getting the step up transformer installed. I used the amp at K5NA's last July for IARU and found that performance was better with a higher main input.

"n5nj@..." wrote:

> Rich,
>
> Why not run the amp at 208V ?
>
> It sounds as though your building has 120/208v 3 phase power.
>
> You could set the amp at 200v or 220v.
>
> 73,
> Bob N5NJ
>
> Original Message:
> -----------------
> From: Richard Thorne rthorne@...
> Date: Mon, 12 Nov 2001 13:48:06 -0600
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Drive Power Varies from Band to Band
>
> Hello Group:
>
> I was curious if other 2000a users have noticed the following:
>
> On 15 meters, my 2000a requires about 80 watts drive to get full output
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> as mentioned above. The voltage to the building stinks in the first
> place as it varies from 200v to 208v which probably explains why I'm
> only getting 225v from the step up transformer.
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> Anyways with all this great information, any theories why I need so much
> drive power on 15m?
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> Thanks in advance.
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

639. 'ACOM Tools'?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-15 21:18:06 UTC
From: Brian, N8WRL
Topic: 639 Message: 639

Hi all!

I just checked out ACOM's web site after not seeing if for some time and noticed a link to 'ACOM Tools'. The link is broken (403 error). Could this be the software?

-Brian n8wrl

[Non-text portions of this message have been removed]

640. WTB ACOM2000SW

Yahoo group: acom-list (1999 — 2009)
Date: 2001-11-22 18:39:02 UTC
From: alsopb
Topic: 640 Message: 640

Looking to buy only the switch part of the ACOM antenna switch combo.

de Brian/K3KO

641. any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-01 00:11:23 UTC
From: ka7gkn@arrl.net
Topic: 641 Message: 641

Ok, I have the 2000A it's great but I have the habit of run an hour or so leave the shack for an hour or so... I cool the tubes and shut off.
My question should I just keep it in STBY for the hour? or is what I'm doing still ok.
any thoughts or customs or comments to ensure long tube life would be appreciated!

I really like the amp
Regards, Marty ka7gkn@...

642. Running 2000a at reduced power

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-02 18:26:46 UTC
From: Richard Thorne
Topic: 642 Message: 642

Hi Guys:

Would it be a problem to run the amp with reduced drive so the output
power is around 200 to 300 watts out?

--
Rich Thorne
ARS: N5ZC
Amarillo, TX
http://www.tcac.net/~rthorne/index.html

643. Re: Running 2000a at reduced power

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-02 20:52:15 UTC
From: oe9eri@yahoo.de
Topic: 642 Message: 643

I use to run only 400 Watts, the autotune funktion of the Acom 2000A does only optimize for 1,5 KW Output, reducing to 400 Watts with the exiter causes higher dissipation and bad amplifier-gain, I should normaly tune manual to the drive of 400 Watts to achieve the optimum gain at lowest dissipation - this is a pain for each band, I could tune into the memories for 400 Watts drive, have to look always onto the remote-controler-display to be shure to have the right setup.

That describes the low-power-problem - which is the only dissapointment that I have found with this excellent amplifier in more than one year of usage.

To run SSTV or RTTY at 400 Watts (with autotune) makes the amp running hot nearly than running at 1500 Watts.

Best Regards,
Helmut oe9eri

--- In acom-list@y..., Richard Thorne <rthorne@t...> wrote:
> Hi Guys:
>
> Would it be a problem to run the amp with reduced drive so the output
> power is around 200 to 300 watts out?
>
> --
> Rich Thorne
> ARS: N5ZC
> Amarillo, TX
> http://www.tcac.net/~rthorne/index.html

644. RE: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 00:00:56 UTC
From: N2TK
Topic: 641 Message: 644

When I get up in the morning, I turn on the coffee and the amp. The 2000A stays on all day until I leave the office/shack in the evening. Don't want to miss working one I need while waiting for the amp. Figure with the life of the tubes it will be a long time till I have to replace them for letting the filaments cook. Probably should pick up a spare pair of the tubes as they are cheap compared to the 3cx type tubes.

By the way, my 2000A is in the basement where my coax comes in to the house. Just have the RCU by the rig.

I also really like the amp.
Tony

-----Original Message-----
From: ka7gkn@... [mailto:ka7gkn@...]
Sent: Friday, November 30, 2001 19:11
To: acom-list@yahoogroups.com
Subject: [acom-list] any tips for tube longevity?

Ok, I have the 2000A it's great but I have the habit of run an hour or so leave the shack for an hour or so... I cool the tubes and shut off.
My question should I just keep it in STBY for the hour? or is what I'm doing still ok.
any thoughts or customs or comments to ensure long tube life would be appreciated!

I really like the amp
Regards, Marty ka7gkn@...

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645. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 00:30:45 UTC
From: Hal
Topic: 641 Message: 645

I leave mine on continuously but in Standby unless I am going to be away for a while or a thunderstorm is threatening.

Mine is in the basement also. Krassy said I needed the special extension cable from Acom that is buffered etc. (which is so far unavailable) but I just made one out of a 35 ft piece of shielded cable and have had no problem. Is that what you did Tony?

Really like mine too.

Hal

----- Original Message -----
From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, December 02, 2001 7:00 PM
Subject: RE: [acom-list] any tips for tube longevity?

> When I get up in the morning, I turn on the coffee and the amp. The 2000A
> stays on all day until I leave the office/shack in the evening. Don't want
> to miss working one I need while waiting for the amp. Figure with the life
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> the filaments cook. Probably should pick up a spare pair of the tubes as
> they are cheap compared to the 3cx type tubes.
>
> By the way, my 2000A is in the basement where my coax comes in to the
house.
> Just have the RCU by the rig.
>
> I also really like the amp.
> Tony
>
> -----Original Message-----
> From: ka7gkn@... [mailto:ka7gkn@...]
> Sent: Friday, November 30, 2001 19:11
> To: acom-list@yahoogroups.com
> Subject: [acom-list] any tips for tube longevity?
>
> Ok, I have the 2000A it's great but I have the habit of run an hour
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646. RE: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 01:29:24 UTC
From: N2TK
Topic: 641 Message: 646

At the time I wasn't sure if the extension cable was anything special, so as not to take any chances I ordered the extension cable from Krassy.
Tony

-----Original Message-----
From: Hal [mailto:k4hw@...]
Sent: Sunday, December 02, 2001 19:31
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] any tips for tube longevity?

I leave mine on continuously but in Standby unless I am going to be away for a while or a thunderstorm is threatening.

Mine is in the basement also. Krassy said I needed the special extension cable from Acom that is buffered etc. (which is so far unavailable) but I just made one out of a 35 ft piece of shielded cable and have had no problem. Is that what you did Tony?

Really like mine too.

Hal

----- Original Message -----
From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, December 02, 2001 7:00 PM
Subject: RE: [acom-list] any tips for tube longevity?

> When I get up in the morning, I turn on the coffee and the amp. The 2000A
> stays on all day until I leave the office/shack in the evening. Don't want
> to miss working one I need while waiting for the amp. Figure with the life
> of the tubes it will be a long time till I have to replace them for letting
> the filaments cook. Probably should pick up a spare pair of the tubes as
> they are cheap compared to the 3cx type tubes.
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> By the way, my 2000A is in the basement where my coax comes in to the house.
> Just have the RCU by the rig.
>
> I also really like the amp.
> Tony
>
> -----Original Message-----
> From: ka7gkn@... [mailto:ka7gkn@...]
> Sent: Friday, November 30, 2001 19:11
> To: acom-list@yahoogroups.com

> Subject: [acom-list] any tips for tube longevity?
>
> Ok, I have the 2000A it's great but I have the habit of run an hour
> or so leave the shack for an hour or so... I cool the tubes and shut
> off.
> My question should I just keep it in STBY for the hour? or is what I'm
> doing still ok.
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647. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 12:06:36 UTC
From: K4HW
Topic: 641 Message: 647

You mean you have yours!? How long did it take you to get it?

I have been waiting 8 months and do not have it yet! Even paid for it already.

Thanks

Hal

----- Original Message -----
From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, December 02, 2001 8:29 PM
Subject: RE: [acom-list] any tips for tube longevity?

> At the time I wasn't sure if the extension cable was anything special, so as
> not to take any chances I ordered the extension cable from Krassy.
> Tony
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> -----Original Message-----
> From: Hal [mailto:k4hw@...]
> Sent: Sunday, December 02, 2001 19:31
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] any tips for tube longevity?
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> Mine is in the basement also. Krassy said I needed the special extension
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> Hal
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> ----- Original Message -----
> From: "N2TK" <N2TK@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, December 02, 2001 7:00 PM
> Subject: RE: [acom-list] any tips for tube longevity?

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> > From: ka7gkn@... [mailto:ka7gkn@...]
> > Sent: Friday, November 30, 2001 19:11
> > To: acom-list@yahoogroups.com
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648. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 13:45:58 UTC
From: k5yg@aol.com
Topic: 641 Message: 648

In a message dated 11/30/01 6:14:09 PM Central Standard Time, ka7gkn@...
writes:

<< My question should I just keep it in STBY for the hour? or is what I'm
doing still ok. >>

The answer is Yes -- You will get longer tube life by leaving the filaments
on all the time. There is much stress on the tube filament heating and
cooling. Same with a light bulb -- leave it on all the time and it will last
longer.

Reducing the filament voltage during long standby periods is common practice
in the commercial world. This would not be practical to due with Amateur
Radio gear.

73 de Bill, K5YG (Love my 2000A)

649. Re: [acom-list] Running 2000a at reduced power

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 13:45:59 UTC
From: k5yg@aol.com
Topic: 642 Message: 649

In a message dated 12/2/01 12:28:42 PM Central Standard Time,
rthorne@... writes:

<< Hi Guys:

Would it be a problem to run the amp with reduced drive so the output
power is around 200 to 300 watts out? >>

No problem - Krassy does it all the time! Your signal will probably be
cleaner with the 2000A in line. Krassy performed spectral measurements on a
FT-1000MP with and without the 2000A in line. The 2000A 2nd and 3rd
harmonics are lower than the FT barefoot. The 2000A makes a good antenna
tuner!

Procedure:
Tune the 2000A at 1.5 KW output --- THEN reduce the drive to operate at the
lower output level. This is a linear amplifier - so all is well --

Efficiency will suffer -- but who cares about burning a little more juice? Do
not expect the tube temperature to be significantly reduced.

73 de Bill, K5YG (Love my 2000A)

650. RE: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 15:45:25 UTC
From: N2TK
Topic: 641 Message: 650

Bought it a year ago. Only took a few weeks then. But I understand that Acom has quite a backlog now.
Still waiting for their alpha-numeric display for their coax switch - then I will buy one.
Tony

-----Original Message-----
From: K4HW [mailto:k4hw@...]
Sent: Monday, December 03, 2001 07:07
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] any tips for tube longevity?

You mean you have yours!? How long did it take you to get it?

I have been waiting 8 months and do not have it yet! Even paid for it already.

Thanks

Hal

----- Original Message -----
From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, December 02, 2001 8:29 PM
Subject: RE: [acom-list] any tips for tube longevity?

> At the time I wasn't sure if the extension cable was anything special, so as
> not to take any chances I ordered the extension cable from Krassy.
> Tony
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> -----Original Message-----
> From: Hal [mailto:k4hw@...]
> Sent: Sunday, December 02, 2001 19:31
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] any tips for tube longevity?
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> I leave mine on continuously but in Standby unless I am going to be away for
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> problem. Is that what you did Tony?
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> Really like mine too.
>
> Hal
>
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> ----- Original Message -----
> From: "N2TK" <N2TK@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, December 02, 2001 7:00 PM
> Subject: RE: [acom-list] any tips for tube longevity?
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> > they are cheap compared to the 3cx type tubes.
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> > By the way, my 2000A is in the basement where my coax comes in to the
> house.
> > Just have the RCU by the rig.
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> > I also really like the amp.
> > Tony
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> > -----Original Message-----
> > From: ka7gkn@... [mailto:ka7gkn@...]
> > Sent: Friday, November 30, 2001 19:11
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] any tips for tube longevity?
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> > Ok, I have the 2000A it's great but I have the habit of run an hour
> > or so leave the shack for an hour or so... I cool the tubes and shut
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651. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-03 23:59:43 UTC
From: aa1nd@aol.com
Topic: 641 Message: 651

Hi Hal,
I see the discussion regarding the Extension cable for RCU for ACOM2000A. I never say that simple extension cable will not work. It may work. We instal inside of the connectors amplifiers in order to make the signal strength better and to make sure that the extended cable will work for sure.
Krassy K1LZ

652. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 00:34:31 UTC
From: Bob Naumann - N5NJ
Topic: 641 Message: 652

Tony,

You got yours *2* years ago.

Same as me, and I'm real happy with mine too.

73,
Bob N5NJ

----- Original Message -----
From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, December 03, 2001 9:45 AM
Subject: RE: [acom-list] any tips for tube longevity?

> Bought it a year ago. Only took a few weeks then. But I understand that
Acom
> has quite a backlog now.
> Still waiting for their alpha-numeric display for their coax switch - then
I
> will buy one.
> Tony
>
> -----Original Message-----
> From: K4HW [mailto:k4hw@...]
> Sent: Monday, December 03, 2001 07:07
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] any tips for tube longevity?
>
> You mean you have yours!? How long did it take you to get it?
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> I have been waiting 8 months and do not have it yet! Even paid for it
> already.
>
> Thanks
>
> Hal
>
> ----- Original Message -----
> From: "N2TK" <N2TK@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, December 02, 2001 8:29 PM
> Subject: RE: [acom-list] any tips for tube longevity?
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> > not to take any chances I ordered the extension cable from Krassy.
> > Tony
> >
> > -----Original Message-----
> > From: Hal [mailto:k4hw@...]
> > Sent: Sunday, December 02, 2001 19:31
> > To: acom-list@yahoogroups.com
> > Subject: Re: [acom-list] any tips for tube longevity?
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> > I leave mine on continuously but in Standby unless I am going to be away
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> > From: "N2TK" <N2TK@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Sunday, December 02, 2001 7:00 PM
> > Subject: RE: [acom-list] any tips for tube longevity?
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> > house.
> > > Just have the RCU by the rig.
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> > > I also really like the amp.
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> > > -----Original Message-----
> > > From: ka7gkn@... [mailto:ka7gkn@...]
> > > Sent: Friday, November 30, 2001 19:11
> > > To: acom-list@yahoogroups.com
> > > Subject: [acom-list] any tips for tube longevity?
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653. RE: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 01:29:14 UTC
From: N2TK
Topic: 641 Message: 653

I mean 2 years ago. Works great!
Tony

-----Original Message-----
From: N2TK [mailto:N2TK@...]
Sent: Monday, December 03, 2001 10:45
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] any tips for tube longevity?

Bought it a year ago. Only took a few weeks then. But I understand that Acom has quite a backlog now.
Still waiting for their alpha-numeric display for their coax switch - then I will buy one.
Tony

-----Original Message-----
From: K4HW [mailto:k4hw@...]
Sent: Monday, December 03, 2001 07:07
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] any tips for tube longevity?

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From: "N2TK" <N2TK@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, December 02, 2001 8:29 PM
Subject: RE: [acom-list] any tips for tube longevity?

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> From: Hal [mailto:k4hw@...]
> Sent: Sunday, December 02, 2001 19:31
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] any tips for tube longevity?
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> From: "N2TK" <N2TK@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, December 02, 2001 7:00 PM
> Subject: RE: [acom-list] any tips for tube longevity?
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> > From: ka7gkn@... [mailto:ka7gkn@...]
> > Sent: Friday, November 30, 2001 19:11
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654. Re: [acom-list] any tips for tube longevity?

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 01:48:24 UTC
From: K4HW
Topic: 641 Message: 654

Hi Krassy,

My cable is still working ok so if the buffered cable is still coming I can wait. Really it is no problem. It just kinda came up in our discussion. By the way, I have the 3KW remote control automatic tuner working now. Makes a wonderful combination with the amp.

73, Hal -K4HW

----- Original Message -----
From: aa1nd@...
To: acom-list@yahoogroups.com
Sent: Monday, December 03, 2001 6:59 PM
Subject: Re: [acom-list] any tips for tube longevity?

Hi Hal,
I see the discussion regarding the Extension cable for RCU for ACOM2000A. I never say that simple extension cable will not work. It may work. We instal inside of the connectors amplifiers in order to make the signal strength better and to make sure that the extended cable will work for sure.
Krassy K1LZ

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[Non-text portions of this message have been removed]

655. Re:HOW TO USE ITS RF POWER BETTER

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 14:47:31 UTC
From: aa1nd@aol.com
Topic: 655 Message: 655

Hi to all,
The ACOM2000A - HOW TO USE ITS RF POWER BETTER
or another look at DEF- and USR-tunings

I. Facts
****

Default (DEF) tunings are factory-set capacitor positions of the output tank, available for use when the amplifier's load is very good. Real loads however, especially HF low-band antennas, often present a VSWR greater than 1.5:1, which usually necessitates the use of an outboard antenna tuner.

ACOM2000A will perform the functions of an automatic antenna tuner if you would prepare user's tunings (USR) for your antennas.

The AUTO-TUNE sub-menu launches an automatic procedure of matching the actual antenna impedance to the optimum tube load. You are strongly advised to run AUTO-TUNE periodically. It will ensure maximum plate efficiency and RF gain at nominal output power, with minimum IMD.

When you start the AUTO-TUNE procedure, the amplifier begins continuously reading its RF impedance sensors that monitor the plate impedance. It meanwhile controls both TUNE- and LOAD- capacitors of the plate tank in accordance with RF sensor indications, thus running in a closed loop system. It looks for a minimum deviation from a pre-set plate impedance of about 1250 Ohms (pure resistive), deemed to be the optimum load for the tubes. The deviation from a optimum value of the active impedance part controls the LOAD, while the TUNE responds to the reactance deviation from zero. There is only one TUNE/LOAD combination valid for particular antenna impedances.

After finding the capacitor positions, the result (i.e. the updated motor settings) is automatically stored in the amplifier's nonvolatile memory as an USR-tuning. With an actual USR-tuning in effect, the tubes will see "their" optimum plate-load impedance of 1250 Ohm (pure resistive), regardless of a non-perfect antenna impedance currently used. As it can be expected, particular impedances would need different USR-tunings.

These USR-settings will be automatically retrieved (instead of a DEF-setting) whenever you would select the same frequency segment later, with the same antenna number. Thus, the tubes will feel a good load at all segments and antennas. The only proviso is that the antenna has not changed its impedance too much, after your last USR-tuning update.

If you however place another antenna, or old antenna impedance has greatly changed, you have to update the USR-tuning accordingly. With an outdated USR-tuning you would most likely get bad results, despite the new antenna might present same or even better VSWR. The reason would be that eventually

the outdated USR-tuning has been done for another antenna impedance. Please note that a VSWR value is not sufficient for positive impedance comparison: both the active and the reactive impedance components must be equal.

Practically, you may need to refresh your USR-tunings after you install a new antenna, or if you change any cable installation, or whenever any significant antenna environment change occurs. It is a good idea to refresh tunings at least once monthly (or more often, depending on your particular conditions).

N O T E
=======
The REFLECTED POWER and the measured VSWR depend on the load impedance ONLY and not on the amplifier's tuning quality. If the impedance is different from the nominal (50 Ohm pure resistive), the REFLECTED POWER bargraph will always indicate a reflected power presence, even at an excellent USR-tuning.

An actual USR-tuning (compared to a DEF) will however allow using the amplifier at a greater power, with no signal distortion, as well as with no danger to the amplifier.

II. Exploitation directions
****

1. Always prefer USR- to DEF-tunings. Even when the antenna impedance seems perfect, an USR-tuning would improve the amplifier's performance.
2. Refresh your USR-tunings periodically.
3. Take advantage of 10 tuning memory cells available per each segment.

The amplifier is capable to store data for 10 different USR-tunings for each frequency segment within a band. These USR-tuning cells are identified by different numbers (A1 to A9, and AM). You may use different tunings in same frequency segment, irrespective of a really different antenna, or different conditions for a single antenna (for example for damp and dry weather), or with different tuning options selection (see S.III-1 below).

If you have the ACOM2000S / ACOM2000SW automatic antenna switch available, you would not need any manual operation while changing bands, band segments, or different antennas within a band. After an initial setup, the antenna/frequency change operation is fully automatic. You may only need updating the USR-tunings periodically.

With some other antenna switch system, you will only have to select the respective USR-tuning number (A1 to A9, and AM) by the RCU buttons. Anyway, you must have them saved properly during the AUTO-TUNE procedure.

4. USR-tuning: preparation and update.

N O T E If you use more than one antenna per segment, it is necessary that you select the proper antenna number PRIOR to the next step. You may "overwrite" some useful tuning for another antenna number otherwise. We recommend that you prepare USR-tunings near the center frequency of the segments, but you could do them for any preferred frequency.

- Plan the frequency segment-to-antenna number correspondence;
- Select the proper antenna number and frequency;
- Press ENT twice. You'll get the following screen:

```
--------------------
|APPLY --- 10 TO 20W |
|DRIVE =___<_____>___|
--------------------
```

- Apply 10-20W CW drive with the necessary frequency;
- The procedure will be automatically executed in less than 3 seconds;
- Remove the drive power after the tuning is completed.

III. Tuning Options
****

1. Understanding the LOW-NORMAL-HIGH mains voltage option.

It is not mandatory to use this option, although you could optimize the amplifier's tuning at some conditions. It is done via small changes (about +/-10%) of the plate-load resistance, as an object of the AUTO-TUNE.

This option is a part of the DEF sub-menu (part of the OFF menu). To access it, press ENT button while in OFF menu and then select DEF using the right-arrow button and press ENT again (see also page 22, 5-6a of the Operating Manual). The result of a new selection however takes effect only after an USR-tuning refresh.

N O T E: The option LOW-NORMAL-HIGH does not affect any power supply voltage inside the amplifier. It merely lets you optimize the amplifier's tuning to your real conditions. You cannot substitute a voltage selector change on the MAINS PCB that is mandatory at any line voltage deviation above 10%!

C A U T I O N: Inappropriate use of the LOW-NORMAL-HIGH option could drastically shorten the tube life or reduce the power gain or the maximum undistorted output power. Do not select "LOW" unless your mains voltage is really low since tube cathodes will be exhausted FASTER than with NORMAL or HIGH selection, while 10% more/less power does not make a difference on the air.

Selecting HIGH you will request for a higher plate resistance, thus optimizing the tuning for a higher mains voltage. You would get better plate efficiency, higher power gain, and longer tubes expected life, at the expense of less maximum output. It is normal to use the HIGH option when line voltage is typically 5-6% higher than the nominal voltage tap selected (i.e. higher than 252V at 240V nominal). In addition, you could use HIGH selection to optimize the tuning for lowered-power operation (for instance, at heavy-duty modes (RTTY, SSTV etc).

If you select LOW, you would request for a lower plate resistance, thus optimizing the tuning for a lowered mains voltage. Select LOW when mains voltage is typically 5-6% lower than nominal tap (i.e. lower than 228V with 240V nominal). A LOW selection would increase the maximum undistorted power, at the expense of more intensive cathode use of the tubes and more plate

heat, so tubes life would be correspondingly shortened. Also, the amplifier's power gain is decreased, i.e. you'd have to use the transceiver at much higher output.

C A U T I O N: for a predominating voltage deviation greater than 5-8% you'd better change the nominal voltage selection on the MAINS PCB to the nearest nominal voltage tap (either 240, 220, 200, 120 or 100V).

We generally recommend for the LOW-NORMAL-HIGH option to correspond to your real mains voltage status. Particularly, you could select the "HIGH" position regardless of the real line status, in order to extend tubes life if you don't need the full output power.

Using the LOW-NORMAL-HIGH option flexibly, you could for instance prepare several USR-tunings at HIGH selection and save them as different antenna numbers for same antenna. Then restore the NORMAL selection and prepare normal USR-tunings. This way you will be able to quickly optimize the amplifier's performance for brief line-voltage deviations, or lowered power operation, by a fictitious change of the antenna number for same antenna.

2. The AUTO ANTENNA CHANGE option.

The amplifier can control the antenna change automatically while it changes bands and/or frequency segments, depending on your selection. The amplifiers leave the factory with ON selected.

While in OFF-menu, select DEF sub-menu, then press ENT twice to reach the "AUTO ANTENNA CHANGE" sub-menu. The selection is changed by means of the LEFT and RIGHT buttons:

```
--------------------
|AUTO ANTENNA CHANGE:|
| [ON] OFF |
--------------------
```

Selecting of ON or OFF does not change any tunings stored for different antennas in the nonvolatile memory. It only concerns enabling and disabling the automatic antenna selection while following the transceiver's frequency.

a) With "ON" enabled, you can change antennas also manually via both RCU and/or antenna selector buttons. All antenna numbers are set to #1 for all segments after a memory erase, until you change them manually. The last used antenna number for a particular frequency segment would be automatically retreived when you return to this segment later (of course, together with its individual USR-tuning if you have it prepared).

b) If you select "OFF" in the "AUTO ANTENNA CHANGE" sub-menu, antennas would be changed only when you select a new antenna manually from the RCU or antenna selector buttons, but never while automatically changing frequencies and bands.

When you select a new antenna number from the RCU, it is assumed "the last used antenna" for ALL frequency segments. Thus, changing frequencies would

never change your antenna or tuning number, unless you give an explicit antenna change command.

Changing antennas by either antenna selector or other type distance commands through the serial RS232 port has a "local" effect, i.e. it modifies the currently used segment only. Such local modification is hold until you give a manual command from the RCU. This means, the RCU has a priority to equalize antenna numbers for all frequency segments when auto antenna change is disabled.

By ACOM OOD

656. Re:DETECTED RF POWER AT WRONG TIME and M/M

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 15:04:21 UTC
From: aa1nd@aol.com
Topic: 656 Message: 656

Hi all Acom users,

If anybody wont to improve the function "DETECTED RF POWER AT WRONG TIME" protection trip in a Multi-Multi operation, we would suggest the following. The multi-multi operation frequently is dangerous for both the transceivers and the amplifiers if not properly decoupled and filtered. You can easily check what portion of the transmitted power is induced in a particular antenna. Place a wattmeter and a dummy load on the cable end, and transmit with other antennas while rotating them in possible combinations.

This power is passed through the amplifier's output antenna relay, through its INPUT relay (which is much weaker), and is fed to the amplifier's input. The power is then reflected there by any filtering unit (that is usually placed to guard the transceiver), and it then returns through the same path, to the antenna.

If you press the PTT during a neighbour's transmission, and if there were no such a protection, the relay would be "hot" switched. The relay's contacts might withstand several times 50-100W without melting, but their golden plating WILL be 100% vaporized and burnt by multiple "hot" switchings. Then cross-modulation (and RX interruption in more severe conditions) will occur since the uV/mV-levelled recived signals come from the antenna through the same path. This is the reason to set a protection against TX/RX changes while the induced in the antenna RF power exceeds a preset "too high" level.

The level at which the protection trips is originally set at about 2W. It can easily be increased. It's only needed to replace on the INTERFACE PCB the resistor R86 from 390kOhm to 150kOhm. You could place a 220kOhm resistor in parallel to the original one (390kOhm), which will take the same effect. This way, you will increase the protection level 6 times (from 2W to 12W). It seems like it would be still safe for the input relay, thus resolving most practical problems with adequate decoupling and filtering between antennas, when only "several dB" is needed.

C A U T I O N !

Please be aware that you should not go to extremes with the protection desensitization since it would result in a relay damage!
Please don't do any changes if you have no plans to use you ACOM 2000A in M/M environment.
Krassy K1LZ
ACOM International, Inc

---

657. Amp controlling software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-04 23:26:47 UTC
From: Barry
Topic: 657 Message: 657

Hey gang,
I was at www.hfpower.com tonite and clicked on the Acom Tools logo
on the left side, and now the link to the software is available. I'm just the
messenger - don't ask me anything about it, hi.
73,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

658. Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-06 21:32:22 UTC
From: k2hk_2000
Topic: 658 Message: 658

Delighted to see long awaited control software for Acom 2000.
However, I for one am not home free. Acom manual warns against use
of standard serial cable. Refers to tech manual for special cable.
Basic information of this nature should be readily available but I
can't find it. Is it a null modem cable? Standard cable has same
effect as NC. Any clues?

Howard..K2HK

659. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-06 22:24:39 UTC
From: Barry
Topic: 658 Message: 659

When I was beta-testing W1VE's version of the software 1-2 years ago,
I was told to build a 3 conductor cable (RXD, TXD and gnd). I bought
the connectors at Radio Shack, built the cable, and it works.
Barry W2UP

On 6 Dec 2001 k2hk_2000 wrote:

> Delighted to see long awaited control software for Acom 2000.
> However, I for one am not home free. Acom manual warns against use
> of standard serial cable. Refers to tech manual for special cable.
> Basic information of this nature should be readily available but I
> can't find it. Is it a null modem cable? Standard cable has same
> effect as NC. Any clues?
>
> Howard..K2HK
>
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>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

660. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-07 06:55:24 UTC
From: Howard Klein
Topic: 658 Message: 660

Thank you for the suggestion Barry. But if a straight through cable works
why would a standard serial cable not work? Anyone?
Howard M. Klein, K2HK

>From: "Barry " <w2up@...>
>Date: Thu, 6 Dec 2001 22:24:39 -0000
>
>When I was beta-testing W1VE's version of the software 1-2 years ago,
>I was told to build a 3 conductor cable (RXD, TXD and gnd). I bought
>the connectors at Radio Shack, built the cable, and it works.
>Barry W2UP
>

_____
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661. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-06 23:33:20 UTC
From: Bob Naumann - N5NJ
Topic: 658 Message: 661

From Krassy:

Hi Hal,
I see the discussion regarding the Extension cable for RCU for ACOM2000A. I never say that simple extension cable will not work. It may work. We instal inside of the connectors amplifiers in order to make the signal strength better and to make sure that the extended cable will work for sure.
Krassy K1LZ

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 06, 2001 10:55 PM
Subject: Re: [acom-list] Hamtools

> Thank you for the suggestion Barry. But if a straight through cable works
> why would a standard serial cable not work? Anyone?
> Howard M. Klein, K2HK
>
>
> >From: "Barry " <w2up@...>
> >Date: Thu, 6 Dec 2001 22:24:39 -0000
> >
> >When I was beta-testing W1VE's version of the software 1-2 years ago,
> >I was told to build a 3 conductor cable (RXD, TXD and gnd). I bought
> >the connectors at Radio Shack, built the cable, and it works.
> >Barry W2UP
> >
>
>
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662. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-07 07:57:09 UTC
From: Howard Klein
Topic: 658 Message: 662

Bob,
Tnx fer ur msg. However, I am referring to the cable from RS-232 interface
on Acom 2000A to computer so they may communicate using the Hamtool program
referred to by Barry.
Howard..K2HK

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

>From: "Bob Naumann - N5NJ" <n5nj@...>
>Reply-To: acom-list@yahoogroups.com
>To: <acom-list@yahoogroups.com>
>Subject: Re: [acom-list] Hamtools
>Date: Thu, 6 Dec 2001 17:33:20 -0600
>
>From Krassy:
>
>
>Hi Hal,
>I see the discussion regarding the Extension cable for RCU for ACOM2000A. I
>never say that simple extension cable will not work. It may work. We instal
>inside of the connectors amplifiers in order to make the signal strength
>better and to make sure that the extended cable will work for sure.
>Krassy K1LZ
>
>----- Original Message -----
>From: "Howard Klein" <howk2@...>
>To: <acom-list@yahoogroups.com>
>Sent: Thursday, December 06, 2001 10:55 PM
>Subject: Re: [acom-list] Hamtools
>
>
> > Thank you for the suggestion Barry. But if a straight through cable
>works
> > why would a standard serial cable not work? Anyone?
> > Howard M. Klein, K2HK
> >
> >
> > >From: "Barry " <w2up@...>
> > >Date: Thu, 6 Dec 2001 22:24:39 -0000
> > >
> > >When I was beta-testing W1VE's version of the software 1-2 years ago,

> > >I was told to build a 3 conductor cable (RXD, TXD and gnd). I bought
> > >the connectors at Radio Shack, built the cable, and it works.
> > >Barry W2UP
> > >
> >
> >
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663. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-07 02:06:41 UTC
From: alsopb
Topic: 658 Message: 663

Yes,

I was experimenting with a PIC to control the ACOM a few years ago.
It was a null modem cable. Krasy had to tell me this.

73 de Brian/K3KO

k2hk_2000 wrote:
>
> Delighted to see long awaited control software for Acom 2000.
> However, I for one am not home free. Acom manual warns against use
> of standard serial cable. Refers to tech manual for special cable.
> Basic information of this nature should be readily available but I
> can't find it. Is it a null modem cable? Standard cable has same
> effect as NC. Any clues?
>
> Howard..K2HK
>
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664. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-07 12:10:34 UTC
From: Howard Klein
Topic: 658 Message: 664

Thank Brian,
Null modem cable IS the way to go. Works FB. Now have to find some uses for the program.
73
Howard .. K2HK

>From: alsopb <alsopb@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: Re: [acom-list] Hamtools
>Date: Fri, 07 Dec 2001 02:06:41 +0000
>
>Yes,
>
>I was experimenting with a PIC to control the ACOM a few years ago.
>It was a null modem cable. Krasy had to tell me this.
>
>73 de Brian/K3KO
>

_____
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665. AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-08 16:27:09 UTC
From: Barry
Topic: 665 Message: 665

Hi all,
I am trying to get AcomTools software to auto-switch the Acom amp's frequency as selected by Writelog, prior to invoking auto-tune by transmitting. I emailed the author of AcomTools, and he told me to load WL first, then AcomTools and it should work. However, it doesn't. I tried unloading and reloading the frequency switching extension, and also checked to see that Writelog was selected as the controlled program in the extension. I wonder if anyone else has tried this, and if anyone has gotten it to work?
Thanks,
Barry--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

666. Re: [acom-list] AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-08 17:36:48 UTC
From: DF3IAL@T-ONLINE.DE
Topic: 665 Message: 666

Hi Barry,
I am also trying this but am getting the message:
"WriteLog not started or not available. Try starting WriteLog before
Hamtools."
WriteLog is running before I start AcomTools.

I have just tried TRXManager. With this program there is no error message
and
AcomTools shows Mode:TRXManager under Frequency switching. So far so good
but nothing happens when TRXManager changes band.

73
Andy DF3IAL SM4CNN

----- Original Message -----
From: "Barry " <w2up@...>
To: <acom-list@yahoogroups.com>; <writelog@...>
Cc: <michael@...>
Sent: 08 December, 2001 17:27
Subject: [acom-list] AcomTools and Writelog

> Hi all,
> I am trying to get AcomTools software to auto-switch the Acom amp's
> frequency as selected by Writelog, prior to invoking auto-tune by
> transmitting. I emailed the author of AcomTools, and he told me to load
> WL first, then AcomTools and it should work. However, it doesn't. I tried
> unloading and reloading the frequency switching extension, and also
> checked to see that Writelog was selected as the controlled program in
> the extension. I wonder if anyone else has tried this, and if anyone has
> gotten it to work?
> Thanks,
> Barry--
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
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>

667. Re: [acom-list] AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-09 03:07:39 UTC
From: Howard Klein
Topic: 665 Message: 667

Andy, Barry, etal,

Same result here with TRX-manager and WL.

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

>
>Hi Barry,
>I am also trying this but am getting the message:
>"WriteLog not started or not available. Try starting WriteLog before
>Hamtools."
>WriteLog is running before I start AcomTools.
>
>I have just tried TRXManager. With this program there is no error message
>and
>AcomTools shows Mode:TRXManager under Frequency switching. So far so good
>but nothing happens when TRXManager changes band.
>
>73
>Andy DF3IAL SM4CNN
>
> > Hi all,
> > I am trying to get AcomTools software to auto-switch the Acom amp's
> > frequency as selected by Writelog, prior to invoking auto-tune by
> > transmitting. I emailed the author of AcomTools, and he told me to load
> > WL first, then AcomTools and it should work. However, it doesn't. I
>tried
> > unloading and reloading the frequency switching extension, and also
> > checked to see that Writelog was selected as the controlled program in
> > the extension. I wonder if anyone else has tried this, and if anyone has
> > gotten it to work?
> > Thanks,
> > Barry--
> > Barry Kutner, W2UP Internet: w2up@...
> > Newtown, PA Frankford Radio Club
> >
> >
> >
> >

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668. Re:for k3ko

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-09 23:30:21 UTC
From: aa1nd@aol.com
Topic: 668 Message: 668

Hi Brian ,
The amplfiier uses an internal frequencymeter to detect new frequencies while you are transmitting. The signal to the frequencymeter is taken from input drive (about 1/100 of input voltage). It is then amplified, limited, and fed to the digital input of the counter. The uP reads frequencies only when enough drive amplitude has been detected for at least one millisecond . The frequency resolution is 2kHz and the readout is refreshed on each millisecond (provided enough drive). A new frequency is recognized to be valid after five equal readings.

After a new frequency has been detected, the uP first estimates wheter the band-switch has to be turned, or only a new frequency segment is to be adjusted. If the new frequency belongs to the same band-switch position, the uP doesn't break your transmission. It only tunes the air variable capacitors to correspond to their memorized position for the new frequency segment.

If the new frequency belongs to a new band-switch position, the uP first lowers the screen-grid voltage (from 340V to 15V DC) and increases the bias voltage to the control grid (from -55 to -120V DC). Then it waits for 0.2 seconds for the new voltage levels to settle, and after making sure that the anode alternate RF voltage is zero, begins turning the band-switch to the desired direction. After having found the needed position, the uP returns the normal operating voltages back to the tube (340V DC to the screen grid, and -55 or -120V DC bias to the control grid - with respect to your current PTT or KEY status). The antenna relay, as well as the input relay, do not change during these operations, so any drive input power keeps on being dissipated into the 50-Ohm input swamping resistor in the same way as it does during normal operation.

The process described above doesn't care what is the frequency skip. The effect that you have noticed, is imaginary. The problem is that the uP doesn't refresh the LED-bar display while processing the new frequency and while turning the band switch. This way, if any power has been indicated at the moment of applying a new frequency, the LED-bar is "reezed" for a while, during band-change operations, thus showing an imaginary power output. There is no real RF power flowing however.
When changing from 40 to 20m, the amplifier manages to act as a frequency doubler for the single dit you transmit on 40m since the output is tuned on 20m while you transmit the first dit. The resultant output at this moment (mainly on 20m) is then being indicated during band-switch rotation. After finished movement, the uP refreshes the LED-bar indicator with currently available output power and the LED-bar goes soon to zero.

For any other band change the amp shows zero output since it cannot act as a frequency doubler (for instance from 80 to 15m) and the new-band transmission causes no output on the old one. You could however find out a similar effect

when changing from 20 to 10m or from 80 to 40m.

Moreover, you may use not only a dit for changing a band, but just press the key down on the new frequency as long as you wish. The tubes will be disabled as soon as the new frequency is detected (in 10ms), so your transmission on 20m will be cut down to about 10ms, and will be directly continued on 40m, after the band-switch is re-positioned (in about 0.5-1 seconds).

You have maybe used a peak-reading wattmeter that normally prolongs the indication for a single dit to about one second or so. You could check its response with a single dit without changing the band. It's better to use for this purpose a station-monitor oscilloscope or any other type of very fast output indicator, to be fully convinced that no hot operation occurs.

Best 73! Stan, LZ1IU

Sofia, 8 December 2001.

[Non-text portions of this message have been removed]

669. RE: AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 12:34:31 UTC
From: Barry
Topic: 665 Message: 669

Thanks for the reply Michael. I took the liberty of posting your response to the Acom list, for others who may be interested. The list, acom-list@yahoogroups.com, is relatively low volume, and discusses all aspects of the Acom amp. You may join by going to www.yahoogroups.com and selecting the list, or just send an empty e-mail to acom-list-subscribe@yahoogroups.com.

Thanks for your help. I will install the updated version this evening, and let you know how it goes. I have been testing the software with Writelog, in a file that has already been created and has 2000+ entries.
Barry

On 10 Dec 2001 Michael Elfial wrote:

> Hello,
>
> I'm sending this message to several people - thus excuse me if it is not
> enough personal.
>
> I've updated the ACOMTools and added new pages to its site
> (http://www.newobjects.com/pages/acomtools).
>
> I am unable to reproduce the mentioned problems with WriteLog and I decided
> to extend the "Frequency switching" extension features. The visible change
> is small - one button on its GUI allowing to retry teh connection without
> need to restart the program or reload the extension. Also (but this is not
> important for the current problem) it now supports notifiers writen in
> VBScript/JScript.
>
> See the comments on the site in the FAQ page. In general the problem should
> be in obtaining the WriteLog.Document object - it is available only when at
> least empty document is created in the WriteLog. I.e. the error will occur
> if you are trying to connect before selecting the contest and additional
> details in the following dialog (depends on the contest selected).
>
> Also I add an ActiveX for Window management that should be useful for the
> notifiers (plug-ins like this one for the WriteLog) writen in script
> languages. I wrote myself (up to the date all the notifiers were from the
> Gerry's program) new plug-in for WriteLog and it uses the mentioned ActiveX.
> Try it too - it apperas in the list as "WriteLog 10 notifier".
>
> Is there any mailing list created for the ACOMTools? If not I'll create one
> and I'll be thankful if someone is able to chat with me if the problem
> persist.
>
> Michael Elfial

>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

670. ACOMTools update

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 14:55:29 UTC
From: Michael Elfial
Topic: 670 Message: 670

Hi to all,

Why it not worked with WriteLog and the soulution.
Soulution is download the new archive - you can download the smaller one (novb) if you have one and install over it. Then use the "WriteLog 10 notifier" instead of the other notifier listed in the "Frequency switching" configuration.

What is the problem:

If there are some Win32 API programmers among the list members - read this - you may have the same trouble some day. EnumChildWindows and some other functions with similar functionality are described in MSDN as follows: Their parent window parameter can be NULL and this will enumerate the desktop windows... Unbfortunatelly this is not the truth - on Win98 SE and probably on some other versions of Windows (excluding Windows 2000/NT4 and Win98 first edition) function fails if the parameter is NULL. GetDesktopWindow API function must be used to obtain its handle (usualy 0x80) in order to make them work as expected. What this means for ACOMTools - every extension that depends on window find operation will fail on these platforms. And this is true about the Gerry's program too - the notifier DLLs are were the same until today.

I don't have the libraries used by Gerry in its notifier componentes thus I added a new component to the ACOMTools - an ActiveX for Window manipulation. Also I wrote new notifier for WriteLog - "WriteLog 10 notifier". The archive is updated now but as you can see I'll need to rewrite the other notifiers (for another programs) too. Thus there will be one more update - I hope I'll have enough time to do it this week - I'll post a message here. Additionally I'll optimize the window management control a little.

If you are interested in programming notifiers - now you can do it in scripting - VBScript/JScript - see the new pages on the site for more start-up information.

Michael Elfial

ACOMTools site: http://www.newobjects.com/pages/ACOMTools

671. Setup file error - excuse me

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 15:21:54 UTC
From: Michael Elfial
Topic: 671 Message: 671

Excuse me - I've updated the archives in a hurry and there was a mistake in the setup file (one component was not installed).

Now it is ok.

Michael

672. re: [acom-list] Setup file error - excuse me

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 17:57:29 UTC
From: Jim Idelson
Topic: 671 Message: 672

Michael,

I have been using an older beta version of your application which I tested for Krassy a few months ago. It has been functioning properly with WriteLog. But, there is a problem that I think you should know about. I just found it a couple of weeks ago.

I am running the application with WriteLog under Windows 98. I recently set up my system to drive two displays in Extended Desktop mode. In this mode, the window sizing of AcomTools does not remain fixed. When there is other window sizing activity elsewhere on the desktop, AcomTools "forgets" what size it should be. Sometimes it becomes a very small square on the screen. When this happens, it is impossible to bring the app back to proper size because the menus are inaccessible. So, the app has to be killed and restarted. This happens all the time, but the basic operation of the application is not affected.

I'd appreciate it if you would please look into this.

Thanks,

Jim K1IR

> Excuse me - I've updated the archives in a hurry and there was a mistake in
the setup file (one component was not installed).

Now it is ok.

Michael

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<

673. frequency switching now OK

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 18:40:55 UTC
From: Dick Green
Topic: 673 Message: 673

Michael,

I've tested your latest version of AcomTools with the new Writelog 10 notifier and it works perfectly under Windows 2000 with Writelog 10.28D. I am very pleased about this because it solves an annoying problem when using the 2000A with Writelog's advanced two radio switching. Without AcomTools, the 2000A would lose the first part of a function key message when a band change was required. With AcomTools, the amp changes bands as soon as the band is changed on the rig - no more problem! I was also very pleased to see that the frequency change follows Writelog's keyboard focus, which is the correct way to do it.

Thank you very much for the work you have done to get this software working and make it available to Acom owners. Also, thanks for the response to my problem report.

I have a suggestion for another extension (or perhaps an enhancement to the Auto Tune extension.) The DOS program ACOM.EXE provided on the Acom CD is very useful for quickly retuning all of the 2000A's segment memories. This is great if the memories have been reset or changes have been made to the antenna setup. Unfortunately, this useful program will not work from a DOS box under Windows 2000, so I have to reboot in pure DOS mode from another disk. It would be terrific if similar functionality was available through AcomTools. Of course, the rig must be controlled in order for this function to work. The DOS program is limited to the FT-1000MP, so the proper command sequence could be copied to an AcomTools extension. A better way would be to get the external program (Writelog, LogWindows or TRX-Manager) to do it. That way, many rigs could be supported without new code. Do these programs provide an interface that can be used by an extension to command frequency changes?

73, Dick WC1M

> -----Original Message-----
> From: Michael Elfial [mailto:michael@...]
> Sent: Monday, December 10, 2001 10:09 AM
> To: dick.green@...
> Subject: RE: AcomTools not working with Writelog
>
>
> Excuse me - my mistake in the setup file :(sorry for the traffic overhead
> I'm causing.
> I'm updating now - after no more than 30 minutes both achives will be ok.
>
> -----Original Message-----
> From: Dick Green [mailto:dick.green@...]

> Sent: Monday, December 10, 2001 4:23 PM
> To: Michael Elfial
> Subject: RE: AcomTools not working with Writelog
>
>
> Michael,
>
> I tried the new 1.5 rev3 version and it still does not work with
> Writelog --
> I still get the message that Writelog is not started or
> available, even if I
> retry with the Reconnect button. When I start Writelog, I am
> creating a new
> contest document before running AcomTools. I do so by using File...New and
> selecting the CQ WW DX CW contest.
>
> Also, the new Writelog 10 notifier does not work. When I select the
> extension, I get the error message: "Cannote create newObjects window spy
> class - check if it is installed"
>
> I'm running Windows 2000 and Writelog 10.28D
>
> 73, Dick WC1M
>
>
> > -----Original Message-----
> > From: Michael Elfial [mailto:michael@...]
> > Sent: Monday, December 10, 2001 5:45 AM
> > To: dick.green@...
> > Subject: RE: AcomTools not working with Writelog
> > >
> > >
> > Hello,
> > >
> > I'm sending this message to several people - thus excuse me if it is not
> > enough personal.
> > >
> > I've updated the ACOMTools and added new pages to its site
> > (http://www.newobjects.com/pages/acomtools).
> > >
> > I am unable to reproduce the mentioned problems with WriteLog and
> > I decided
> > to extend the "Frequency switching" extension features. The
> visible change
> > is small - one button on its GUI allowing to retry teh
> connection without
> > need to restart the program or reload the extension. Also (but
> this is not
> > important for the current problem) it now supports notifiers writen in
> > VBScript/JScript.

> >
> > See the comments on the site in the FAQ page. In general the
> > problem should
> > be in obtaining the WriteLog.Document object - it is available
> > only when at
> > least empty document is created in the WriteLog. I.e. the error
> will occur
> > if you are trying to connect before selecting the contest and additional
> > details in the following dialog (depends on the contest selected).
> >
> > Also I add an ActiveX for Window management that should be
> useful for the
> > notifiers (plug-ins like this one for the WriteLog) writen in script
> > languages. I wrote myself (up to the date all the notifiers
> were from the
> > Gerry's program) new plug-in for WriteLog and it uses the
> > mentioned ActiveX.
> > Try it too - it apperas in the list as "WriteLog 10 notifier".
> >
> > Is there any mailing list created for the ACOMTools? If not I'll
> > create one
> > and I'll be thankful if someone is able to chat with me if the problem
> > persist.
> >
> > Michael Elfial
> >
>

674. Acom Tools and Writelog working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 23:36:43 UTC
From: Barry
Topic: 674 Message: 674

Thanks to Michael for some quick troubleshooting and fix. AcomTools
is now working fine with Writelog. It's neat to just turn the dial on the
xcvr or click on a packet spot and have the amp follow! Wonder if
anyone has spoken with the DX4WIN guys about providing whatever
info is needed to support AcomTools?
73,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

675. Re: [acom-list] Setup file error - excuse me

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-10 23:32:11 UTC
From: DF3IAL@T-ONLINE.DE
Topic: 671 Message: 675

Hi Michael,
Just tried out the revised program. Now the ACOM2000A nicely follows the
FT-1000MP with WriteLog. A super feature!
Thanks a lot.
73
Andy DF3IAL SM4CNN

At 16:21 10-12-01, you wrote:
>Excuse me - I've updated the archives in a hurry and there was a mistake in
>the setup file (one component was not installed).
>
>Now it is ok.
>
>Michael

676. Acom Tools Not Working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 01:30:27 UTC
From: Richard Thorne
Topic: 676 Message: 676

Hi Group:

I downloaded the latest file but I'm having a problem.

When I first initiate the program the configuration comes up. I enter all the appropriate data per the instructions.

When I'm done I have AcomTools showing up in my tool bar but I cannot restore it to the screen. When I click on the toolbar at the bottom of my screen it just highlights and unhighlights.

I've uninstalled and reinstalled a few times without much luck.

Any ideas?

I'm looking forward to the new software as I'm rebuilding my remote controlled station using my 1000mp and TRX manager.

--
Rich Thorne
ARS: N5ZC
Amarillo, TX
http://www.tcac.net/~rthorne/index.html

677. Re: [acom-list] Acom Tools Not Working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 01:47:02 UTC
From: Barry
Topic: 676 Message: 677

Richard,
I noticed that sometimes the program goes "below" the screen with only
the title bar visible. Instead of clicking it, try dragging it up.
Barry

On 10 Dec 2001 Richard Thorne wrote:

> Hi Group:
>
> I downloaded the latest file but I'm having a problem.
>
> When I first initiate the program the configuration comes up. I enter
> all the appropriate data per the instructions.
>
> When I'm done I have AcomTools showing up in my tool bar but I cannot
> restore it to the screen. When I click on the toolbar at the bottom of
> my screen it just highlights and unhighlights.
>
> I've uninstalled and reinstalled a few times without much luck.
>
> Any ideas?
>
> I'm looking forward to the new software as I'm rebuilding my remote
> controlled station using my 1000mp and TRX manager.
>
> --
> Rich Thorne
> ARS: N5ZC
> Amarillo, TX
> http://www.tcac.net/~rthorne/index.html
>
>
>
>
>
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>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

678. Re: [acom-list] Acom Tools Not Working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 01:49:10 UTC
From: Richard Thorne
Topic: 676 Message: 678

Thanks Barry:

I'll try that tomorrow on the machine at my office. Its working fine here on the machine at home with XP, although the amp is not connected as it is up at the office.

Barry wrote:

> Richard,
> I noticed that sometimes the program goes "below" the screen with only
> the title bar visible. Instead of clicking it, try dragging it up.
> Barry
>
> On 10 Dec 2001 Richard Thorne wrote:
>
> > Hi Group:
> >
> > I downloaded the latest file but I'm having a problem.
> >
> > When I first initiate the program the configuration comes up. I enter
> > all the appropriate data per the instructions.
> >
> > When I'm done I have AcomTools showing up in my tool bar but I cannot
> > restore it to the screen. When I click on the toolbar at the bottom of
> > my screen it just highlights and unhighlights.
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> > I've uninstalled and reinstalled a few times without much luck.
> >
> > Any ideas?
> >
> > I'm looking forward to the new software as I'm rebuilding my remote
> > controlled station using my 1000mp and TRX manager.
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> > --
> > Rich Thorne
> > ARS: N5ZC
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> > http://www.tcac.net/~rthorne/index.html
> >
> >
> >
> >
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> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
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--
Rich Thorne
ARS: N5ZC
Amarillo, TX
http://www.tcac.net/~rthorne/index.html

679. Re: [acom-list] Acom Tools and Writelog working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 02:06:17 UTC
From: Gerry Hull
Topic: 674 Message: 679

> Thanks to Michael for some quick troubleshooting and fix. AcomTools
> is now working fine with Writelog. It's neat to just turn the dial on the
> xcvr or click on a packet spot and have the amp follow! Wonder if
> anyone has spoken with the DX4WIN guys about providing whatever
> info is needed to support AcomTools?
> 73,
> Barry W2UP--
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club

Yes, a HUGE thanks to Michael (a non-ham, but a top-notch programmer)
publicly and personally from me for picking up the ball on the AcomTools!
He has done a great job.

It was actually Jim, K1IR, who initially came up with the idea of
tracking the amplifier along with Rig frequency. Thanks to the VERY open
API of Writelog (thanks Wayne), it was very easy to write a
frequency-tracking plugin. I've also done one for LogWindows
and a couple of other programs... I'd be happy to provide the DX4WIN
folks with what they need.

The frequency plugin can be created with any tool which can create
COM (ActiveX) DLLs, such as Microsoft Visual Basic. (The Writelog plugin
was done in VB).

The only warning I would point out to you guys is to not leave the
tracking feature enabled at all times (as the motors will get a real
workout!). During a contest -- GO FOR IT!

73,

Gerry, W1VE/VE1RM

680. Re: [acom-list] Acom Tools and Writelog working

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 10:58:30 UTC
From: Howard Klein
Topic: 674 Message: 680

I second that one Barry!

Howard K2HK

>From: "Barry " <w2up@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>CC: writelog@...
>Subject: [acom-list] Acom Tools and Writelog working
>Date: Mon, 10 Dec 2001 23:36:43 -0000
>
>Thanks to Michael for some quick troubleshooting and fix. AcomTools
>is now working fine with Writelog. It's neat to just turn the dial on the
>xcvr or click on a packet spot and have the amp follow! Wonder if
>anyone has spoken with the DX4WIN guys about providing whatever
>info is needed to support AcomTools?
>73,
>Barry W2UP--
>Barry Kutner, W2UP Internet: w2up@...
>Newtown, PA Frankford Radio Club
>
>

_____
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681. IC 756PRO-II

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 08:24:48 UTC
From: Giorgio Goggi
Topic: 681 Message: 681

I plan to buy an ICOM 756PRO II and to use it with my ACOM 2000A. Any problems with this combination, i.e. spikes tripping the amplifier when switched to transmit (as reported for other tranceivers)?
Thanks for any information!
73 de Giorgio, I2KMG

682. Re: [acom-list] IC 756PRO-II

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 01:06:29 UTC
From: Howard Klein
Topic: 681 Message: 682

Giorgio,
No problem with the 756 Pro..II should be better yet.
GL

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

>From: Giorgio Goggi <Giorgio.Goggi@...>
>Reply-To: acom-list@yahoogroups.com
>To: ACOM <acom-list@yahoogroups.com>
>Subject: [acom-list] IC 756PRO-II
>Date: Tue, 11 Dec 2001 09:24:48 +0100
>
>I plan to buy an ICOM 756PRO II and to use it with my ACOM 2000A. Any
>problems with this combination, i.e. spikes tripping the amplifier when
>switched to transmit (as reported for other tranceivers)?
>Thanks for any information!
>73 de Giorgio, I2KMG
>

_____
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683. test

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 01:42:01 UTC
From: Howard Klein
Topic: 683 Message: 683

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684. Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 17:51:23 UTC
From: k2hk_2000
Topic: 658 Message: 684

I wonder if I am missing a point. What is the advantage of the Acom changing frequency as the transceiver changes frequency? It would seem there would be an exaggerated amount of motor tuning activity as the Amp follows when really the only time there is a need for frequency change and tuning is before actually transmitting. Of course this happens in a blink with a dit or a partial syllable. Comments?

Howard..K2HK

685. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 18:14:59 UTC
From: Gerry Hull
Topic: 658 Message: 685

Not really the "blink of a dit" or partial syllable. Yes, the motors
will turn alot. Therefore, use in moderation.

Good Example:

Your running on 20 meters in a contest. Staying on same frequency.
You want to "Point and shoot" a multiplier on 15m from the packet
window.

Without this software feature, you would point and shoot. On CW, the
first dit/dah, or perhaps more, of your callsign would be missing the
firsttime you dump it. With the software, the amplifier is ready to
transmit as soon as your transceiver changes frequency.

If you're tuning the band for stations, it is still ok, because you
won't be going across band segments that often.

Of course, turn it off for general operating!

73,

Gerry, W1VE/VE1RM

> I wonder if I am missing a point. What is the advantage of the Acom
> changing frequency as the transceiver changes frequency? It would
> seem there would be an exaggerated amount of motor tuning activity
> as the Amp follows when really the only time there is a need for
> frequency change and tuning is before actually transmitting. Of
> course this happens in a blink with a dit or a partial syllable.
> Comments?
>
> Howard..K2HK
>
>
>
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>

686. FWD: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 18:07:06 UTC
From: Jim Idelson
Topic: 686 Message: 686

That "dit" forces you to do something before you really start calling in the pileup. It's an inconvenience. The other advantage is clear when you are using the Acom antenna switch, in addition to the amplifier. In this case, the antenna changes to the correct one for the band you change to, and the amplifier tunes just as you switch the band from the front of the transceiver. It's truly automatic. Regarding wear and tear, remember that the amplifier is only changing settings when you cross tuning segments, not as you turn the knob just a few kHz. Although there is increased motor activity, this should not overtax the mechanics of the amp. We had a very early test version of this software running here, and trying it in several major contests has shown that this is not something to worry about.

Jim

---------- Forwarded Message ----------

FROM: "k2hk_2000" <howk2@...>
TO: acom-list@yahoogroups.com
DATE: Tue, 11 Dec 2001 17:51:23 -0000

RE: [acom-list] Hamtools

I wonder if I am missing a point. What is the advantage of the Acom changing frequency as the transceiver changes frequency? It would seem there would be an exaggerated amount of motor tuning activity as the Amp follows when really the only time there is a need for frequency change and tuning is before actually transmitting. Of course this happens in a blink with a dit or a partial syllable. Comments?

Howard..K2HK

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687. FWD: FWD: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 18:11:52 UTC
From: Jim Idelson
Topic: 687 Message: 687

Actually, I do have it running all the time - not just in contests. Although WriteLog is not a very good general logging program, operating the station with all this automation is really fun. My experience - lightning is far worse for your station than running HamTools.

Jim K1IR

---------- Forwarded Message ----------

FROM: Jim Idelson <jimi@...>
TO: "acom-list@..." <acom-list@yahoogroups.com>
DATE: Tue, 11 Dec 2001 13:07:06 -0500

RE: FWD: [acom-list] Hamtools

That "dit" forces you to do something before you really start calling in the pileup. It's an inconvenience. The other advantage is clear when you are using the Acom antenna switch, in addition to the amplifier. In this case, the antenna changes to the correct one for the band you change to, and the amplifier tunes just as you switch the band from the front of the transceiver. It's truly automatic. Regarding wear and tear, remember that the amplifier is only changing settings when you cross tuning segments, not as you turn the knob just a few kHz. Although there is increased motor activity, this should not overtax the mechanics of the amp. We had a very early test version of this software running here, and trying it in several major contests has shown that this is not something to worry about.

Jim

---------- Forwarded Message ----------

FROM: "k2hk_2000" <howk2@...>
TO: acom-list@yahoogroups.com
DATE: Tue, 11 Dec 2001 17:51:23 -0000

RE: [acom-list] Hamtools

I wonder if I am missing a point. What is the advantage of the Acom changing frequency as the transceiver changes frequency? It would seem there would be an exaggerated amount of motor tuning activity as the Amp follows when really the only time there is a need for frequency change and tuning is before actually transmitting. Of course this happens in a blink with a dit or a partial syllable. Comments?

Howard..K2HK

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688. Re: FWD: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 02:12:03 UTC
From: Howard Klein
Topic: 686 Message: 688

Gerry, Jim,
Thanks guys. I get it now. Looking forward to this addition to DX4Win.
Whine, whine, whine. Always want something.

73 Howard

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

>From: Jim Idelson <jimi@...>
>Reply-To: acom-list@yahoogroups.com
>To: "acom-list@..." <acom-list@yahoogroups.com>
>Subject: FWD: [acom-list] Hamtools
>Date: Tue, 11 Dec 2001 13:07:06 -0500
>
>That "dit" forces you to do something before you really start calling in
>the
>pileup. It's an inconvenience. The other advantage is clear when you are
>using
>the Acom antenna switch, in addition to the amplifier. In this case, the
>antenna changes to the correct one for the band you change to, and the
>amplifier tunes just as you switch the band from the front of the
>transceiver.
>It's truly automatic. Regarding wear and tear, remember that the amplifier
>is
>only changing settings when you cross tuning segments, not as you turn the
>knob
>just a few kHz. Although there is increased motor activity, this should not
>overtax the mechanics of the amp. We had a very early test version of this
>software running here, and trying it in several major contests has shown
>that
>this is not something to worry about.
>
>Jim
>
>---------- Forwarded Message ----------
>
>FROM: "k2hk_2000" <howk2@...>
>TO: acom-list@yahoogroups.com
>DATE: Tue, 11 Dec 2001 17:51:23 -0000
>
>RE: [acom-list] Hamtools
>

>I wonder if I am missing a point. What is the advantage of the Acom
>changing frequency as the transceiver changes frequency? It would
>seem there would be an exaggerated amount of motor tuning activity
>as the Amp follows when really the only time there is a need for
>frequency change and tuning is before actually transmitting. Of
>course this happens in a blink with a dit or a partial syllable.
>Comments?
>
>Howard..K2HK
>
>
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689. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 18:21:36 UTC
From: Brian, N8WRL
Topic: 658 Message: 689

This is essentially the problem I set out to solve with my 'Basic Stamp' controller project. I sent the article off to QST yesterday - we'll see if they want to print it, if not, I'll post here.

The idea is simple - the controller tracks the rig's band selection (not freq selection) and sends antenna selection commands to the 2000S. If the radio changes to a band we've transmitted on before, it also sends a 'change antenna & band' command to the amp. This means the amp follows you as you change bands, but within a band you can tune freely without motors running. You still need the 'dit' to get tuned up to transmit but one you have, you can come back to that band and the amp will be ready. (QSY _within_ the band such that you're in a different amp segment and you have to 'dit' again, but that's pretty minor).

The other problem I wanted to solve was multiple antennas for a given band. The controller can be programmed with your antenna setup so it knows, for example, which antennas make sense for 20m and allows you to cycle thru them. It inhibits xmit on antennas that are not in-band.

Anyway, it's more of a middle-of-the-road solution - keep the amp 'close to ready to go' while minimizing motor motion while tuning around.

-Brian n8wrl
----- Original Message -----
From: Jim Idelson
To: acom-list@...
Sent: Tuesday, December 11, 2001 01:07 PM
Subject: FWD: [acom-list] Hamtools

That "dit" forces you to do something before you really start calling in the pileup. It's an inconvenience. The other advantage is clear when you are using the Acom antenna switch, in addition to the amplifier. In this case, the antenna changes to the correct one for the band you change to, and the amplifier tunes just as you switch the band from the front of the transceiver. It's truly automatic. Regarding wear and tear, remember that the amplifier is only changing settings when you cross tuning segments, not as you turn the knob just a few kHz. Although there is increased motor activity, this should not overtax the mechanics of the amp. We had a very early test version of this software running here, and trying it in several major contests has shown that this is not something to worry about.

Jim

---------- Forwarded Message ----------

FROM: "k2hk_2000" <howk2@...>
TO: acom-list@yahoogroups.com
DATE: Tue, 11 Dec 2001 17:51:23 -0000

RE: [acom-list] Hamtools

I wonder if I am missing a point. What is the advantage of the Acom changing frequency as the transceiver changes frequency? It would seem there would be an exaggerated amount of motor tuning activity as the Amp follows when really the only time there is a need for frequency change and tuning is before actually transmitting. Of course this happens in a blink with a dit or a partial syllable. Comments?

Howard..K2HK

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[Non-text portions of this message have been removed]

690. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 18:37:54 UTC
From: alsopb
Topic: 658 Message: 690

I differ with your conclusion about not changing band segments often.
Operate the 10M contest this weekend and see how often you will be
changing band segments.

By the way, I've used the ACOM amp in a few phone contests purely in
the search and pounce mode of packet spots (regardless of band!). The
result was probably a record for band changes in a given contest. I
hate phone and this is affords me a way to at least contribution to
the club's score. I've often wondered how much this mode of operation
can be tolerated.

73 de Brian/K3KO
Gerry Hull wrote:
>
> Not really the "blink of a dit" or partial syllable. Yes, the motors
> will turn alot. Therefore, use in moderation.
>
> Good Example:
>
> Your running on 20 meters in a contest. Staying on same frequency.
> You want to "Point and shoot" a multiplier on 15m from the packet
> window.
>
> Without this software feature, you would point and shoot. On CW, the
> first dit/dah, or perhaps more, of your callsign would be missing the
> firsttime you dump it. With the software, the amplifier is ready to
> transmit as soon as your transceiver changes frequency.
>
> If you're tuning the band for stations, it is still ok, because you
> won't be going across band segments that often.
>
> Of course, turn it off for general operating!
>
> 73,
>
> Gerry, W1VE/VE1RM
>
> > I wonder if I am missing a point. What is the advantage of the Acom
> > changing frequency as the transceiver changes frequency? It would
> > seem there would be an exaggerated amount of motor tuning activity
> > as the Amp follows when really the only time there is a need for
> > frequency change and tuning is before actually transmitting. Of
> > course this happens in a blink with a dit or a partial syllable.
> > Comments?
> >

> > Howard..K2HK
> >
> >
> >
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691. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 19:55:24 UTC
From: A. J. (Jim) Movius
Topic: 658 Message: 691

Hi Howard,
You have not missed a point. You make a good point. I manually switch antennas, owing to the fact that there are 2 choices of antenna on 15, 20, and 80 meters and I often do a lot of listening on several bands before transmitting. I do not want the amp chasing my listening frequency around.
Best wishes for the holidays,
Jim, KL7JM

----- Original Message -----
From: "k2hk_2000" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, December 11, 2001 8:51 AM
Subject: [acom-list] Hamtools

> I wonder if I am missing a point. What is the advantage of the Acom
> changing frequency as the transceiver changes frequency? It would
> seem there would be an exaggerated amount of motor tuning activity
> as the Amp follows when really the only time there is a need for
> frequency change and tuning is before actually transmitting. Of
> course this happens in a blink with a dit or a partial syllable.
> Comments?
>
> Howard..K2HK
>
>
>
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>

692. Re: [acom-list] Hamtools

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-11 20:34:32 UTC
From: alsopb
Topic: 658 Message: 692

I really wonder if the motors (stepper motors, I think) in the amp are the factor limiting this kind of use. It seems to me that their use in the amp is pretty low duty cycle compared to normal stepper motor applications. I'm more concerned about the couplings slipping or something else mechanical failing first-- assuming that the motor power supply is adequate.

The multiple antenna/band issue has been discussed here in past posts. It is a real problem.

73 de Brian/K3KO

"A. J. (Jim) Movius" wrote:
>
> Hi Howard,
> You have not missed a point. You make a good point. I manually switch
> antennas, owing to the fact that there are 2 choices of antenna on 15, 20,
> and 80 meters and I often do a lot of listening on several bands before
> transmitting. I do not want the amp chasing my listening frequency around.
> Best wishes for the holidays,
> Jim, KL7JM
>
> ----- Original Message -----
> From: "k2hk_2000" <howk2@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, December 11, 2001 8:51 AM
> Subject: [acom-list] Hamtools
>
> > I wonder if I am missing a point. What is the advantage of the Acom
> > changing frequency as the transceiver changes frequency? It would
> > seem there would be an exaggerated amount of motor tuning activity
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> > Comments?
> >
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> >
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693. 2000SW at the tower base!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 18:41:20 UTC
From: Brian, N8WRL
Topic: 693 Message: 693

After procrastinating for some time, I finally got the 2000SW moved to the base of the tower. My house is built on a crawl-space and the cable tube from the tower comes up underneath my shack, so I used to have the 2000SW under there along with the suppressors. The main reason was the length of the 2000SW/2000S cable.

But that meant all the antennas on both towers were a 'home run' back to the house. Last may I picked up a fiberglass wiring box at Dayton and mounted it on the tower and moved the switch and all the suppressors out there. I already had a 6 conductor cable in the tube that used to control an Astron switch (3 spares ones now!) which is easily handling the 2000S/2000SW signals.

Now I have four 'found' 150' lengths of RG213-class coax! Hmmm...

Not sure if anyone would be interested, but I do have pictures I could post.

73!

-Brian n8wrl

[Non-text portions of this message have been removed]

694. re: [acom-list] 2000SW at the tower base!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 18:57:17 UTC
From: Jim Idelson
Topic: 693 Message: 694

I've designed my station around the Acom amp and switch. I made the decision to put the switch in the basement and run coax from every antenna back to the house. The common of the switch is a relatively short cable from the basement up to the operating room on the first floor. And the control cable to the switch is also quite short. This is a very flexible solution. It allows us to reconfigure the antennas for SO1R, SO2R and Multi-Single without leaving the basement. I like this approach very much.

Now that I've completed the trench and the conduits for the cables, I have to build up that surge suppressor panel soon...

73,

Jim K1IR

> After procrastinating for some time, I finally got the 2000SW moved to the base of the tower. My house is built on a crawl-space and the cable tube from the tower comes up underneath my shack, so I used to have the 2000SW under there along with the suppressors. The main reason was the length of the 2000SW/2000S cable.

But that meant all the antennas on both towers were a 'home run' back to the house. Last may I picked up a fiberglass wiring box at Dayton and mounted it on the tower and moved the switch and all the suppressors out there. I already had a 6 conductor cable in the tube that used to control an Astron switch (3 spares ones now!) which is easily handling the 2000S/2000SW signals.

Now I have four 'found' 150' lengths of RG213-class coax! Hmmm...

Not sure if anyone would be interested, but I do have pictures I could post.

73!

-Brian n8wrl

[Non-text portions of this message have been removed]

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695. Re: [acom-list] 2000SW at the tower base!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 19:22:06 UTC
From: Brian, N8WRL
Topic: 693 Message: 695

Hi Jim!

That was my thought too, and it worked out very well - easy and convenient to work on. But two things were nagging me:

1. With surge suppressors under the house, that's where they'd be doing thier job! That is, if I had a lightning 'event', it would be closer to the house than I'd like.
2. I've got plans for more antennas and the added expense of the 'home runs' for the coax is just too hard for me to justify.

I left one of the runs in the tube just in case I want to add another switch or something for SO2R. That will be a while off, tho - I still need lots of practice for SO1R!

73!

-Brian n8wrl
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Wednesday, December 12, 2001 01:57 PM
Subject: re: [acom-list] 2000SW at the tower base!

I've designed my station around the Acom amp and switch. I made the decision to put the switch in the basement and run coax from every antenna back to the house. The common of the switch is a relatively short cable from the basement up to the operating room on the first floor. And the control cable to the switch is also quite short. This is a very flexible solution. It allows us to reconfigure the antennas for SO1R, SO2R and Multi-Single without leaving the basement. I like this approach very much.

Now that I've completed the trench and the conduits for the cables, I have to build up that surge suppressor panel soon...

73,

Jim K1IR

> After procrastinating for some time, I finally got the 2000SW moved to the base of the tower. My house is built on a crawl-space and the cable tube from the tower comes up underneath my shack, so I used to have the 2000SW under there along with the suppressors. The main reason was the length of the 2000SW/2000S cable.

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Now I have four 'found' 150' lengths of RG213-class coax! Hmmm...

Not sure if anyone would be interested, but I do have pictures I could post.

73!

-Brian n8wrl

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

696. Re: [acom-list] 2000SW at the tower base!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-12 20:47:54 UTC
From: Brian, N8WRL
Topic: 693 Message: 696

Ok, I scanned the pictures and put them with a readme in the files section. Hope this helps!

73,

-Brian n8wrl

[Non-text portions of this message have been removed]

697. AcomTools - Observations/testing

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-13 21:52:07 UTC
From: Richard Thorne
Topic: 697 Message: 697

Hi Group:

I installed AcomTools on another machine and it now works. For what ever reason I can't get it to work on my Win 98 machine. I'll work on that problem as I'm sure its a pc problem and not a software issue.

A couple of observations:

1: If you have autoconnect checked, bring up the software and then turn on the amp the amp turns off saying there is a micro processor conflict. If I start the amp first then the software I don't have a problem. However, if autoconnect is not checked I can bring up the software and turn on the amp without a problem. You just have to connect to the amp after the fact. In order to use the remote 'ON' function the software will have to be running first in order to turn the amp on.

2: Since I'm going to use this for remote control of the amp I played around with the stby/operate and on/off commands. The stby/operate commands work just fine. However, the amp will not turn off using the on/off icon. But, if I use the pull down file menu and select off it will turn off. Thats not a problem for me because it gets the amp off, but if it was intended for the on/off icon to accomplish this, it doesn't work.

I beleive I already know the answer to this question from other posts but would like to confirm it.

For the serial connection I assume you only need pin 2 and 3 and ground? with pins 2 and 3 crossed to make it a null modem type cable? I'm using the cable that came with the 2000sw switch and its working fine. But this would be a good thing for users of the remote controlled Kachina 505dsp. The remote boxes pass throug two serial ports but only pass pins 2 and 3. This way the software can be run on the pc at the controll end and no pc is needed at the remote end. The kachina rotor control has 5 relays to be turned on and off and I used one of them successfully to turn the amp on remotely.

--
Richard Thorne - N5ZC
http://www.tcac.net/~rthorne/index.html

698. New Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-23 05:32:12 UTC
From: melh08555
Topic: 698 Message: 698

I have already downloaded the new software, and now need to know the cabling. Presently, I have a null modem connected from my acom 2000s to the acom amp. Do I need a second cable connected from the acom 200s to the yaesu ft1000D? If so, it is a null modem or standard cable. Also where would I connect it to the 1000d. I need ur help and tnx. Mel.

699. Re: [acom-list] New Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 04:16:33 UTC
From: Howard Klein
Topic: 698 Message: 699

Mel,
I don't use the Acom switch but I do have a null modem cable attached from the Acom 2000 to comm 1 on my computer which controls the amp FB.

Howard...K2Hk

>From: "melh08555" <k2at@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: [acom-list] New Software
>Date: Sun, 23 Dec 2001 05:32:12 -0000
>
>I have already downloaded the new software, and now need to know the
>cabling. Presently, I have a null modem connected from my acom 2000s
>to the acom amp. Do I need a second cable connected from the acom
>200s to the yaesu ft1000D? If so, it is a null modem or standard
>cable. Also where would I connect it to the 1000d. I need ur help
>and tnx. Mel.
>

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
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700. Re: [acom-list] New Software

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-23 22:02:03 UTC
From: Mel
Topic: 698 Message: 700

Tnx howard, I will try it and c what happens.
----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Sent: Sunday, December 23, 2001 8:16 PM
Subject: Re: [acom-list] New Software

Mel,
I don't use the Acom switch but I do have a null modem cable attached from
the Acom 2000 to comm 1 on my computer which controls the amp FB.

Howard...K2Hk

>From: "melh08555" <k2at@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: [acom-list] New Software
>Date: Sun, 23 Dec 2001 05:32:12 -0000
>
>I have already downloaded the new software, and now need to know the
>cabling. Presently, I have a null modem connected from my acom 2000s
>to the acom amp. Do I need a second cable connected from the acom
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>cable. Also where would I connect it to the 1000d. I need ur help
>and tnx. Mel.
>

Howard M. Klein, K2HK
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[Non-text portions of this message have been removed]

701. Null Cabel.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 08:07:16 UTC
From: oh3tm
Topic: 701 Message: 701

Hello all raeders!

Merry Xmas and HnY!!

Well , askin explanation of wrd nullcabel!
My dictionarys dont knw wrd or they give wrd what dont match!!
Could I have some drawing or simple explanation to understand what it
is.
Workin with Acom 2ka and FT1kMP. Well ,after 41 years of Ham, this
combination is something ,to make cw a pleasure!!!!!! HI!!!

Alpo Reho OH3TM

702. Re: [acom-list] Null Cabel.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 13:12:24 UTC
From: Richard Thorne
Topic: 701 Message: 702

Hi Alpo:

A null cable reverses the transmitt and receive signal lines. For example, on a DB9 a null cable has pin 2 on one end of the cable go to pin 3 on the other end and visa-versa.

Somewhere there is a web page that has the drawings and tables, but I don't have it bookmarked. Someone here on the list probably has it.

oh3tm wrote:

> Hello all raeders!
>
> Merry Xmas and HnY!!
>
> Well , askin explanation of wrd nullcabel!
> My dictionarys dont knw wrd or they give wrd what dont match!!
> Could I have some drawing or simple explanation to understand what it
> is.
> Workin with Acom 2ka and FT1kMP. Well ,after 41 years of Ham, this
> combination is something ,to make cw a pleasure!!!!!! HI!!!
>
> Alpo Reho OH3TM
>
>
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--
Rich Thorne
ARS: N5ZC
Amarillo, TX
http://www.tcac.net/~rthorne/index.html

703. Re: [acom-list] Null Cabel.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 15:10:21 UTC
From: Ron Stordahl
Topic: 701 Message: 703

Search on Google for 'null modem cable'. You will find many pages with schematics.

One is: http://www.loop-back.com/null-mod.html

Ron N5IN
----- Original Message -----
From: oh3tm
To: acom-list@yahoogroups.com
Sent: Monday, December 24, 2001 2:07 AM
Subject: [acom-list] Null Cabel.

Hello all raeders!

Merry Xmas and HnY!!

Well , askin explanation of wrd nullcabel!
My dictionarys dont knw wrd or they give wrd what dont match!!
Could I have some drawing or simple explanation to understand what it
is.
Workin with Acom 2ka and FT1kMP. Well ,after 41 years of Ham, this
combination is something ,to make cw a pleasure!!!!!! HI!!!

Alpo Reho OH3TM

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[Non-text portions of this message have been removed]

704. Re: [acom-list] Null Cabel.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 15:34:56 UTC
From: Barry
Topic: 701 Message: 704

As I recall (going back about 2 years, when I wired up this cable for a
beta test version), you only need 3 wires:
GND-pin 5 both ends
TXD-pin2 on one end connected to pin 3 on other end
RXD-pin3 on one end connected to pin 2 on other end
These pinoutsfor DB9 connectors. If you are using a DB25 on your
computer, GND is pin 7, other two are the same as DB-9.

I also recall there was some problem using a complete pre-made cable
with the other wires connected, if not using the Acom antenna switch.
Maybe that is different with the current software. K1IR or N5ZC, do you
recall what that was all about?
73,
Barry W2UP

On 24 Dec 2001 Ron Stordahl wrote:

> Search on Google for 'null modem cable'. You will find many pages with schematics.
>
> One is: http://www.loop-back.com/null-mod.html
>
> Ron N5IN
> ----- Original Message -----
> From: oh3tm
> To: acom-list@yahoogroups.com
> Sent: Monday, December 24, 2001 2:07 AM
> Subject: [acom-list] Null Cabel.
>
>
>
> Hello all raeders!
>
> Merry Xmas and HnY!!
>
> Well , askin explanation of wrd nullcabel!
> My dictionarys dont knw wrd or they give wrd what dont match!!
> Could I have some drawing or simple explanation to understand what it
> is.
> Workin with Acom 2ka and FT1kMP. Well ,after 41 years of Ham, this
> combination is something ,to make cw a pleasure!!!!!! HI!!!
>
> Alpo Reho OH3TM
>
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

705. Re: [acom-list] Null Cabel.

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 23:44:11 UTC
From: Howard Klein
Topic: 701 Message: 705

Out of the Box null modem cable works FB.You can also modify standard serial cable by crossing pins 2 and 3 on a DB9 connector as previously stated by Richard Thorne.

Howard

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club
>From: "Barry " Reply-To: acom-list@yahoogroups.com To:
>acom-list@yahoogroups.com Subject: Re: [acom-list] Null Cabel. Date: Mon,
>24 Dec 2001 15:34:56 -0000
>
>As I recall (going back about 2 years, when I wired up this cable for a
>beta test version), you only need 3 wires: GND-pin 5 both ends TXD-pin2 on
>one end connected to pin 3 on other end RXD-pin3 on one end connected to
>pin 2 on other end These pinoutsfor DB9 connectors. If you are using a DB25
>on your computer, GND is pin 7, other two are the same as DB-9.
>
>I also recall there was some problem using a complete pre-made cable with
>the other wires connected, if not using the Acom antenna switch. Maybe that
>is different with the current software. K1IR or N5ZC, do you recall what
>that was all about? 73, Barry W2UP
>
>On 24 Dec 2001 Ron Stordahl wrote:
>
> > Search on Google for 'null modem cable'. You will find many pages with
>schematics. > > One is: http://www.loop-back.com/null-mod.html > > Ron N5IN
> > ----- Original Message ----- > From: oh3tm > To:
>acom-list@yahoogroups.com > Sent: Monday, December 24, 2001 2:07 AM >
>Subject: [acom-list] Null Cabel. > > > > Hello all raeders! > > Merry Xmas
>and HnY!! > > Well , askin explanation of wrd nullcabel! > My dictionarys
>dont knw wrd or they give wrd what dont match!! > Could I have some drawing
>or simple explanation to understand what it > is. > Workin with Acom 2ka
>and FT1kMP. Well ,after 41 years of Ham, this > combination is something
>,to make cw a pleasure!!!!!! HI!!! > > Alpo Reho OH3TM > > > > Yahoo!
>Groups Sponsor > ADVERTISEMENT > > > > > To unsubscribe, send an empty
>message to: > > acom-list-unsubscribe@yahoogroups.com > > Your use of
>Yahoo! Groups is subject to the Yahoo! Terms of Service. > > > > [Non-text
>portions of this message have been removed] > > > > To unsubscribe, send an
>empty message to: > > acom-list-unsubscribe@yahoogroups.com > > Your use of
>Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/ > >
>

>--
>Barry Kutner, W2UP Internet: w2up@... Newtown, PA Frankford
>Radio Club
>
>

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

706. Re: [acom-list] Null Cable

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-24 23:51:12 UTC
From: Howard Klein
Topic: 706 Message: 706

>From: "oh3tm" <oh3tm@...>
>>Well , askin explanation of wrd nullcabel!
>My dictionarys dont knw wrd or they give wrd what dont match!!
>Could I have some drawing or simple explanation to understand what it
>is.
>Workin with Acom 2ka and FT1kMP. Well ,after 41 years of Ham, this
>combination is something ,to make cw a pleasure!!!!!! HI!!!
>
>Alpo Reho OH3TM

See following link: http://www.loop-back.com/null-mod.html

Happy Holidays, Happy New Year, Good Health, and DX to all,

Howard

Howard M. Klein, K2HK
ARRL Life Member
DXCC Honor Roll
362 Confirmed Countries
A1 Operators' Club

_____
MSN Photos is the easiest way to share and print your photos:
http://photos.msn.com/support/worldwide.aspx

707. Fast answers!

Yahoo group: acom-list (1999 — 2009)
Date: 2001-12-25 07:34:30 UTC
From: oh3tm
Topic: 707 Message: 707

Hello All!!

Thank U boys for rapid answers , nw all OK.
Great gang.
This morning got 5w on 3.5mc cw. What a chirstmas present. 5w is vy
difficult fm OH on 3,5mc.

73 Alpo OH3TM

708. list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 13:56:28 UTC
From: K0DAN
Topic: 708 Message: 708

Recovering from a hard disk crash and email address change...have seen no activity on the list for some time. Still active?
73
Dan
K0DAN

[Non-text portions of this message have been removed]

709. Re: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 14:14:42 UTC
From: Barry
Topic: 708 Message: 709

Yes, list is still working. Guess everybody's amp is humming along
:.)
As long as I'm posting something, I'll pass along thanks to Krassy
and Vasco for another nice Xmas card.
73,
Barry W2UP

On 8 Jan 02, at 7:56, K0DAN wrote:

> Recovering from a hard disk crash and email address change...have seen
> no activity on the list for some time. Still active? 73 Dan K0DAN
>
>
> [Non-text portions of this message have been removed]
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

710. Re: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 14:17:07 UTC
From: Brian, N8WRL
Topic: 708 Message: 710

It has been pretty quiet, but that must mean no one is having any problems! My 2000A is humming right along...

73!

-Brian n8wrl
----- Original Message -----
From: K0DAN
To: acom-list@yahoogroups.com
Sent: Tuesday, January 08, 2002 8:56 AM
Subject: [acom-list] list alive?

Recovering from a hard disk crash and email address change...have seen no activity on the list for some time. Still active?
73
Dan
K0DAN

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

711. Re: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 16:19:38 UTC
From: Philippe
Topic: 708 Message: 711

I'm awaiting my new ordered ACOM1000 but he didn't arrive today, bummer.
I will be giving the amp a testrun on friday on a couple of monobanders at OT2A contest station.
Im' very exited about this new amp !! I guess the extra price is worth it agains Ameritron or other 1KW linears.
First you get 6 and the also the features are great.

Ps, is the power reading on the LCD screen (forward, effective, returned) qiet accurate or not, any comments ...

Phil, ON4VP

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Tuesday, January 08, 2002 3:14 PM
Subject: Re: [acom-list] list alive?

Yes, list is still working. Guess everybody's amp is humming along
:.)
As long as I'm posting something, I'll pass along thanks to Krassy
and Vasco for another nice Xmas card.
73,
Barry W2UP

On 8 Jan 02, at 7:56, K0DAN wrote:

> Recovering from a hard disk crash and email address change...have seen
> no activity on the list for some time. Still active? 73 Dan K0DAN
>
>
> [Non-text portions of this message have been removed]
>
>
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> ---~
> ->
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Barry Kutner, W2UP Internet: w2up@...
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[Non-text portions of this message have been removed]

712. Re: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 16:46:00 UTC
From: Glenn O'Donnell
Topic: 708 Message: 712

I also wish to thank the Acom gang for the Cristmas card. It's a nice gesture!

73 de Glenn K3PP

P.S. My amp is still humming along! :-)

----- Original Message -----
From: "Barry " <w2up@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, January 08, 2002 9:14 AM
Subject: Re: [acom-list] list alive?

> Yes, list is still working. Guess everybody's amp is humming along
> :.)
> As long as I'm posting something, I'll pass along thanks to Krassy
> and Vasco for another nice Xmas card.
> 73,
> Barry W2UP

713. RE: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-08 16:47:08 UTC
From: N2TK
Topic: 708 Message: 713

Ditto on my amp and the Xmas card.
Tony

-----Original Message-----
From: Glenn O'Donnell [mailto:k3pp@...]
Sent: Tuesday, January 08, 2002 11:46
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] list alive?

I also wish to thank the Acom gang for the Cristmas card. It's a nice
gesture!

73 de Glenn K3PP

P.S. My amp is still humming along! :-)

----- Original Message -----
From: "Barry " <w2up@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, January 08, 2002 9:14 AM
Subject: Re: [acom-list] list alive?

> Yes, list is still working. Guess everybody's amp is humming along
> :.)
> As long as I'm posting something, I'll pass along thanks to Krassy
> and Vasco for another nice Xmas card.
> 73,
> Barry W2UP

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714. Re: [acom-list] list alive?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-09 00:36:30 UTC
From: Bob Naumann - N5NJ
Topic: 708 Message: 714

Phillippe,

We used one of the Acom 1000's thanks to Krassy & Acom at V26B this year on 15m and it was great! We made just under 4000 qsos in the CQWW test with it.

The metering is very accurate on the 1000 and also on the 2000.

I own a 2000 now and plan to add a 1000 to my shack soon to get 6m capability at high power.

73,

Bob N5NJ
----- Original Message -----
From: "Philippe" <philippe@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, January 08, 2002 10:19 AM
Subject: Re: [acom-list] list alive?

> I'm awaiting my new ordered ACOM1000 but he didn't arrive today, bummer.
> I will be giving the amp a testrun on friday on a couple of monobanders at OT2A contest station.
> Im' very exited about this new amp !! I guess the extra price is worth it agains Ameritron or other 1KW linears.
> First you get 6 and the also the features are great.
>
> Ps, is the power reading on the LCD screen (forward, effective, returned) qiet accurate or not, any comments ...
>
> Phil, ON4VP
>
> ----- Original Message -----
> From: Barry
> To: acom-list@yahoogroups.com
> Sent: Tuesday, January 08, 2002 3:14 PM
> Subject: Re: [acom-list] list alive?
>
>
> Yes, list is still working. Guess everybody's amp is humming along
> :.)
> As long as I'm posting something, I'll pass along thanks to Krassy
> and Vasco for another nice Xmas card.
> 73,
> Barry W2UP
>

> On 8 Jan 02, at 7:56, K0DAN wrote:
>
> > Recovering from a hard disk crash and email address change...have seen
> > no activity on the list for some time. Still active? 73 Dan K0DAN
> >
> >
> > [Non-text portions of this message have been removed]
> >
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> Barry Kutner, W2UP Internet: w2up@...
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715. 2000S 'chirp'?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-09 00:51:35 UTC
From: Brian, N8WRL
Topic: 715 Message: 715

Hi all!

I send serial commands to my 2000S, much like the 2000A would when it changes antennas. Recently the 2000S started 'chirping' when it changed antennas. If you manually press the up/down buttons, it always makes a chirping sound when it changes antennas. When it receives serial commands, it doesn't always - some times it does, other times it doesn't. Anyone know what the rule is?

-Brian n8wrl

[Non-text portions of this message have been removed]

716. Help to set the transforer tap!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-09 16:26:15 UTC
From: Martin vd Donk
Topic: 716 Message: 716

Dear Sirs,

I have an Acom 2000 and still don't know how to set the main transformer tabs. This is the what the amp says abt the main voltage:

Saturday in stb mode transmitting 800W
227 218
225 217

Monday in stb mode transmitting 800W
223 217
227 221

Thursday in stb mode transmitting 800W
230 223

What is the best main voltage setting (transformer) for my amp to have the longest tube life? What is the best mains setting in the remote controle (high low)?

Kind regards,

Martin vd Donk PA9DX
vd Donk Elektronika
Oostersingel 8
4101 GG Culemborg
Tel: 0345-512994
Fax: 0345-521443
email pa9dx@...

[Non-text portions of this message have been removed]

717. Re: [acom-list] Help to set the transforer tap!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-09 16:41:37 UTC
From: Philippe
Topic: 716 Message: 717

Martin,

The best AC voltage is 230VAC
All my transformers are wired that way (ON)
I guess in PA the same line voltage occurs as over here.

Regards and 73,
Phil, ON4VP

----- Original Message -----
From: Martin vd Donk
To: acom-list@yahoogroups.com
Sent: Wednesday, January 09, 2002 5:26 PM
Subject: [acom-list] Help to set the transforer tap!

Dear Sirs,

I have an Acom 2000 and still don't know how to set the main transformer tabs. This is the what the amp says abt the main voltage:

Saturday in stb mode transmitting 800W
227 218
225 217

Monday in stb mode transmitting 800W
223 217
227 221

Thursday in stb mode transmitting 800W
230 223

What is the best main voltage setting (transformer) for my amp to have the longest tube life? What is the best mains setting in the remote controle (high low)?

Kind regards,

Martin vd Donk PA9DX
vd Donk Elektronika
Oostersingel 8
4101 GG Culemborg
Tel: 0345-512994
Fax: 0345-521443
email pa9dx@...

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[Non-text portions of this message have been removed]

718. Re: [acom-list] Help to set the transforer tap!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-09 16:53:50 UTC
From: Richard Thorne
Topic: 716 Message: 718

Martin:

I have mine set to 240 and have a mains voltage that is similar to yours. I tried 220 but the transformer hums quite a bit at this setting.

With your low power out you probably also need to run auto-tune on each antenna/band segment. I was not getting full power out on a few bands until I ran auto-tune. I now get 1500 watts out easily with +- 50 watts input.

Martin vd Donk wrote:

> Dear Sirs,
>
> I have an Acom 2000 and still don't know how to set the main transformer tabs. This is the what the amp says abt the main voltage:
>
> Saturday in stb mode transmitting 800W
> 227 218
> 225 217
>
> Monday in stb mode transmitting 800W
> 223 217
> 227 221
>
> Thursday in stb mode transmitting 800W
> 230 223
>
> What is the best main voltage setting (transformer) for my amp to have the longest tube life? What is the best mains setting in the remote controle (high low)?
>
> Kind regards,
>
> Martin vd Donk PA9DX
> vd Donk Elektronika
> Oostersingel 8
> 4101 GG Culemborg
> Tel: 0345-512994
> Fax: 0345-521443
> email pa9dx@...
>
> [Non-text portions of this message have been removed]
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

719. Re: 2000S 'chirp'?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-11 19:21:14 UTC
From: Brian, N8WRL
Topic: 715 Message: 719

I got a really good (and typically fast) reply from ACOM on this:

Today we investigated the "chirp" problem that you have noted. The main conclusion was that it is not a problem indication and culd not lead up to any damage.

Nevertheless, I must say that it is a critical timing. Here are the details:

1. If you give a serial command to change an antenna, the uP changes its BCD code to the switch and waits for 160ms (timeout) to see a "READY" to be returned. The switch needs about 30-50ms to change its contacts but it returns the "READY" about 130ms after the command has been sent. In other words, there is a 250% time margin between the moment of the real contact action and the moment of confirmation (130ms compared to 50ms).

2. The time margin between the 130ms-moment of confirmation and 160ms-timeout of the uP however is only 20% and is insufficient. The 160-ms timing is quartz controlled by the uP system. The 130ms-timing however is made by a RC-controlled timer located in the switch box. It may vary more than 20% depending on the components tolerance, the ambient temperature etc, sometimes increasing above 160ms. Then you would hear a beep for a short period, equal to the amount "ms" above 160. This however has only a sound effect and is not of functional importance since the contacts have been closed at least 80ms earlier. The only effect is that you would hear this beeping signal sometimes depending on the ambient temperature (of the switch box).

3. If you manually press the up/down buttons, the uP first makes a short beep to denote that the button pressing has been registered. Then it waits for 500ms to see whether you would press or not the same or the other button several times (in order to change several numbers at once). It would beep at each next pressing made within 500ms after the last one. When 500ms have expired, the resultant number is given to the switch. The timing is then the same as it was described in (1) and (2) above. This way, at the times when you note the "chirp" problem with serial commands, you should hear a doubled beep for a single button pressing.

4. If you would try to change the antenna under RF power flowing through the switch contacts, you would get a continuous "beep" until you disable the power. You would note the contact self-guarding system of the switch. If you would not get any measure in 10 seconds, the "beep" would stop but the antenna would not be changed and the switch would wait for a RF pause or a new command to switch.

The bottom line would be that you should not be worried by the "chirp" effect. If you however find it annoyable, you may change in the switch box the resistor R17 from 47k (existing) to 33k (or place another 100-120k in parallel to the existing resistor). This would diminish the 130-ms period by another 30% in order to "distribute" the existing timing margins in a more favourable way. The round switch box however is not easy to be opened, so please inform me to tell you some tips about how tho do that.

Best 73! Stan, LZ1IU

Sofia, 11 January 2002.

----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Tuesday, January 08, 2002 7:51 PM
Subject: 2000S 'chirp'?

Hi all!

I send serial commands to my 2000S, much like the 2000A would when it changes antennas. Recently the 2000S started 'chirping' when it changed antennas. If you manually press the up/down buttons, it always makes a chirping sound when it changes antennas. When it receives serial commands, it doesn't always - some times it does, other times it doesn't. Anyone know what the rule is?

-Brian n8wrl

[Non-text portions of this message have been removed]

720. Re:ACOM tools cables

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-14 19:11:37 UTC
From: aa1nd@aol.com
Topic: 720 Message: 720

Hi ,
1. To connect a PC to the ACOM2000 system you need one or two "null modem" cables. A home-made cable description is shown below.

a) If you will control only the linear amplifier ACOM2000A, connect a "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the RS232 serial port of the amplifier (marked "RS232 INTERFACE" on its rear panel).

b) If you will control only the antenna selector ACOM2000S (plus ACOM2000SW antenna switch), connect a "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the main RS232 serial port of the antenna selector (marked "AMP" on its rear panel). Move the slide switch to point to "AMP". In fact, when an amplifier is not used, the PC is connected on its place.

c) If you will control both the linear amplifier ACOM2000A and the antenna selector ACOM2000S (plus ACOM2000SW antenna switch), you will need two cables. Connect a "null modem" cable from the RS232 serial port of the amplifier (marked "RS232 INTERFACE" on its rear panel), to the main RS232 serial port of the antenna selector (marked "AMP" on its rear panel). Connect a second "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the second RS232 serial port of the antenna selector (marked "PC" on its rear panel). Move the slide switch to point to "PC".

2. A "null-modem" type cable can be home-made or you can buy it readily, but you must cut all extra connections if available. ONLY(!) the connections listed below should remain connected there since extra signals, including +/-18VDC appear on other contacts of the amplifier, that could disturb the PC operation.

A shielded 3-core cable must be used, with two DB9-F interface connectors (female 9-pin). Pins #2 and #3 must be cross-connected, while pins #5 are straight-connected as shown below. If your PC uses a a 25-contact connector, please note that the pins are different. The cable shield is to be always connected to the connector's metal case to be grounded.

female CANNON-DB9----female CANNON-DB9------female CANNON-DB25-----Signal Nam

(ACOM2000A)----------(COM1 - PC)------------(COM2 - PC)-----------(ACOM - PC)

nr. 2-----------------nr. 3------------------nr. 2-----------------RxD-TxD

nr. 3-----------------nr. 2------------------nr. 3-----------------TxD-RxD

nr. 5-----------------nr. 5------------------nr. 7-----------------Signal Ground

metal case------------metal case---------metal case + nr.1---------Cable Shield

NOTE - Do not forget to connect the shield braid on both cable ends!

3. Always use to apply mains power to the antenna selector the first. Switch off the antenna selector the last. When the antenna selector is powered OFF, all antennas are grounded and you cannot receive nor transmit.

When you begin working:

a) Turn ON the antenna selector - number "1" must begin blinking on its LED indicator. In this state you may use the transceiver barefoot (with amplifier off). Only PC or manual antenna control is possible in this situation (from UP and DOWN buttons of the selector).

b) Turn ON the amplifier and wait for 150 seconds. Please don't change antennas while the amplifier is warming-up. You may still use the transceiver barefoot with the last selected antenna during this period.

c) After the amplifier gets ready (after you hear a CW "R" from RCU), the last used antenna number must appear (yet not blinking) on the antenna selector's LED indicator. You can go to OPERATE now.

Krassy

721. Re: [acom-list] Re:ACOM tools cables

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-14 22:32:05 UTC
From: Mel Friedman
Topic: 721 Message: 721

Thank you for the reply. Why couldn't u just answer this question a month ago?
----- Original Message -----
From: aa1nd@...
To: acom-list@yahoogroups.com
Sent: Monday, January 14, 2002 2:11 PM
Subject: [acom-list] Re:ACOM tools cables

Hi ,
1. To connect a PC to the ACOM2000 system you need one or two "null modem" cables. A home-made cable description is shown below.

a) If you will control only the linear amplifier ACOM2000A, connect a "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the RS232 serial port of the amplifier (marked "RS232 INTERFACE" on its rear panel).

b) If you will control only the antenna selector ACOM2000S (plus ACOM2000SW antenna switch), connect a "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the main RS232 serial port of the antenna selector (marked "AMP" on its rear panel). Move the slide switch to point to "AMP". In fact, when an amplifier is not used, the PC is connected on its place.

c) If you will control both the linear amplifier ACOM2000A and the antenna selector ACOM2000S (plus ACOM2000SW antenna switch), you will need two cables. Connect a "null modem" cable from the RS232 serial port of the amplifier (marked "RS232 INTERFACE" on its rear panel), to the main RS232 serial port of the antenna selector (marked "AMP" on its rear panel). Connect a second "null modem" cable from the RS232 serial port (COM1 or COM2) of the PC, to the second RS232 serial port of the antenna selector (marked "PC" on its rear panel). Move the slide switch to point to "PC".

2. A "null-modem" type cable can be home-made or you can buy it readily, but you must cut all extra connections if available. ONLY(!) the connections listed below should remain connected there since extra signals, including +/-18VDC appear on other contacts of the amplifier, that could disturb the PC operation.

A shielded 3-core cable must be used, with two DB9-F interface connectors (female 9-pin). Pins #2 and #3 must be cross-connected, while pins #5 are straight-connected as shown below. If your PC uses a a 25-contact connector, please note that the pins are different. The cable shield is to be always connected to the connector's metal case to be grounded.

female CANNON-DB9----female CANNON-DB9------female CANNON-DB25-----Signal Nam

(ACOM2000A)----------(COM1 - PC)------------(COM2 - PC)-----------(ACOM - PC)

nr. 2----------nr. 3----------nr. 2----------RxD-TxD

nr. 3----------nr. 2----------nr. 3----------TxD-RxD

nr. 5----------nr. 5----------nr. 7----------Signal Ground

metal case----------metal case---------metal case + nr.1---------Cable Shield

NOTE - Do not forget to connect the shield braid on both cable ends!

3. Always use to apply mains power to the antenna selector the first. Switch off the antenna selector the last. When the antenna selector is powered OFF, all antennas are grounded and you cannot receive nor transmit.

When you begin working:

a) Turn ON the antenna selector - number "1" must begin blinking on its LED indicator. In this state you may use the transceiver barefoot (with amplifier off). Only PC or manual antenna control is possible in this situation (from UP and DOWN buttons of the selector).

b) Turn ON the amplifier and wait for 150 seconds. Please don't change antennas while the amplifier is warming-up. You may still use the transceiver barefoot with the last selected antenna during this period.

c) After the amplifier gets ready (after you hear a CW "R" from RCU), the last used antenna number must appear (yet not blinking) on the antenna selector's LED indicator. You can go to OPERATE now.

Krassy

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[Non-text portions of this message have been removed]

722. Re: Key in Key out for Tentec

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-15 21:30:54 UTC
From: aa1nd@aol.com
Topic: 722 Message: 722

Yes, you can use the KEY-OUT signal as you suppose. It is an extra T/R-control output from the amplifier. More information about the connections KEY-IN and KEY-OUT follows below.

Both amplifiers ACOM1000 and ACOM2000A are QSK-compatible with all QSK-capable transceivers on the market. The only limitations are the electrical specifications of the signals KEY-IN and KEY-OUT. The keying circuit requirements for the ACOM1000 and the ACOM2000A are identical.

1. The amplifier's T/R-control input for the antenna relay is called "KEY-IN". When in OPERATE mode, on this input appears a DC signal that is to be held low to activate the amplifier to the transmit mode. This can be done via either a relay contact or a semiconductor (transistor or integrated circuit) with suitable polarity (plus to the ground).

NOTE: You should prefer a semiconductor output when it is available on your transceiver, since relay contacts on some models are slow with respect to their RF output. You may see a "Hot-Switching Warning" or "RF detected at wrong time" message otherwise. This message means that an eventual hot switching has been prevented by the amplifier's protection system. You should change to the semiconductor output in such conditions. In addition, utilizing the semiconductor output, you may disable the transceiver's relay clicking (on some models there is a switch intended for a case when the relay is not needed).

The electrical specifications of the amplifier's KEY-IN input are as follows:

- Switching voltage (open circuit) - 15V max, plus to the ground;

- Closed-circuit current - 15mA max;

- Voltage drop / resistance of the control output @ 15mA (closed circuit) - 1.5V/250 Ohm max.

You can control the KEY-IN signal in two different methods. Look at (3) for a second way.

For the preferred mode, you have to connect the KEY-IN socket to the transceiver's output that goes to the ground when you transmit. Practically all transceivers have such an output, and their electrical specifications exceed the amplifier's requirements. Transceivers producers give different names to this output, and they are for instance: TX-GND, SEND, *T/R-LINE, KEY-OUT, etc.

Some transceivers require that their signal "ground on transmit" be implemented via a software command, or by changing of a switch on the rear panel, or interior of the transceiver. Some models generate a "+12V on TX"

signal. Then, you may need a simple n-p-n or n-mos transistor, controlled through a 10kOhm resistor to the base or gate, in order to "invert" the available signal in a "GND on TX". Look in your transceiver's manual or contact your dealer or ACOM directly for details about a particular model.

Please use always shielded cables for these connections.

2. The KEY-OUT socket on the rear panel is a "phono" type (RCA) connector. When you don't use the second method of the connection (see p.3), this is an extra output signal from the amplifier, that could be either used or not. When used, it would improve the T/R process of switching and would increase the exploitation reliability.

The KEY-OUT output is usable when the transceiver has available a respective input to disable transmitting when the amplifier may need it. If your transceiver has no such input, or you use the second way of the KEY-IN connection (p.3), please don't worry: the amplifier will be fully protected and will function normally, so the KEY-OUT may remain unused. If your transceiver however possesses a suitable input that is capable to disable transmission, we recommend that you utilize that feature. Just connect this input of the transceiver to the KEY-OUT socket of the amplifier.

Transceiver producers give different names to this input, and they are for instance: TX-INHIBIT, MUTE, LINEAR, KEY-IN, etc. It is available sometimes on BAND-DATA, ACC, EXT, LIN, ATU, and etc rear-panel connectors. Some transceivers may require that a "transmit disable" function is implemented via a software command, or by changing of a switch, or via adding an external pull-up resistor, etc. Look in your transceiver's manual. You have to use the preferred connection of the KEY-IN socket (p.1) to utilize this feature.

The output KEY-OUT of the amplifier is an open-drain circuit and it can hold a positive DC signal to the ground. During all the periods when the amplifier is ready to transmit, this line will always pattern the requests "GND on TX" in order to enable transmission. When transmitting is not permissible, the output becomes open (for instance, while the antenna relay is in process of switching-over) and the transceiver would stop RF driving.

The electrical specifications and timing of the amplifier's KEY-OUT output are as follows:

- Switching voltage (open circuit) - up to +50V,

- Switching current (closed circuit) - up to 20mA,

- Internal resistance @ 20mA (closed circuit) - 120 Ohm max,

- Delay time - 5ms max (2...3ms typically).

While the amplifier is not powered, and in STANDBY mode, this output is directly connected to the KEY-IN socket. Thus, the amplifier will send back the "ground on transmit" signal to the "TX enable"-input of the transceiver always during OFF and STBY modes in order not to disable any transmission.

In OPERATE mode the signal KEY-OUT will pattern the signal "ground on transmit" that is coming on the socket KEY-IN, always when the antenna relay is in safe position and when no other warning is present. The signal KEY-OUT will reject transmitting if the amplifier detects any risk condition.

Besides, the amplifier contains an independent self-protection that looks after the relay safety during a T/R-switching, regardless of taking or not an advantage of the KEY-OUT signal.

3. If your transceiver has not a suitable connector providing an output signal "ground on transmit" nor "+12V on transmit", you can use the second connection method as described below.

Connect the PTT or CW-keying contact to the amplifier's socket KEY-IN on the rear panel. Then connect the amplifier's socket KEY-OUT to the input PTT or CW-KEY of the transceiver. Always use shielded cables for these connections.

CAUTION: Please check up, that the parameters of the signals PTT and CW-key of the transceiver met the specifications of the "KEY-OUT" output of the amplifier (see p.2 above). Some very old transceivers models may require buffering if the requirement is higher than 50V/20mA.

With the second way of connection, the amplifier will just pass the PTT or keying signal directly to the transceiver always when powered off and during STBY mode. During OPERATE, the signal will pattern your PTT/keying after the antenna relay reaches a safe position, and will disable transmission during relay's motion as well as during any risk condition.

The second way of controlling the transmit/receive process could be very useful also if the transceiver has an incorrect timing sequence of its T/R signals. For instance, if the RF power appears before a "ground on transmit" is fed to the amplifier.

Please don't hesitate to contact ACOM again in case of necessity.

Best 73! Stan, LZ1IU

Sofia, 15 January 2002.

723. FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 16:09:28 UTC
From: k2hk_2000
Topic: 723 Message: 723

I have recently gotten an FT1000D. What is the preferred hookup?
Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to Key-
out?

TIA,

Howard..K2HK

724. Re: FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 16:22:41 UTC
From: n8wrl
Topic: 723 Message: 724

--- In acom-list@y..., "k2hk_2000" <howk2@h...> wrote:
> I have recently gotten an FT1000D. What is the preferred hookup?
> Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to
Key-
> out?
>
> TIA,
>
> Howard..K2HK

Hi Howard!

It should be the same as my 990 and the 1000MP. Check out Krassy's response on this subject in message #91 here:

http://groups.yahoo.com/group/acom-list/message/91

725. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 18:55:39 UTC
From: Bob Willis
Topic: 723 Message: 725

Howard,
TX-Gnd on FT-1000 to Key-in on Acom...both RCA type jacks.
If this rig has never before been used with an amplifier, you might need to activate the relay by turning on the switch (S1002) under the bottom cover.
See page 9 of the manual for location.
Bob ~ WJ1Z

----- Original Message -----
From: "k2hk_2000" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, January 17, 2002 8:09 AM
Subject: [acom-list] FT1000 to Acom2000A

> I have recently gotten an FT1000D. What is the preferred hookup?
> Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to Key-
> out?
>
> TIA,
>
> Howard..K2HK
>
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726. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-18 03:35:45 UTC
From: Howard Klein
Topic: 723 Message: 726

>TX-Gnd on FT-1000 to Key-in on Acom...both RCA type jacks.

Thanks Bob. I assume that means NO connection to PTT jack on the 1000.
73 de Howard

_____
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727. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 19:46:42 UTC
From: Marcelo
Topic: 723 Message: 727

Ust the TX to Gnd. No PTT line.

There is a switch inside the FT-1000D that you may have to move to ON, in
order to activate the output relay. It´s in the manual.

The TX-GND relay is usually off in order to make operation more quiet.

Enjoy your new radio. It´s still the best around!

73´s

Marcelo, PY1KN

At 19:35 17/1/2002 +0000, you wrote:
> >TX-Gnd on FT-1000 to Key-in on Acom...both RCA type jacks.
>
>Thanks Bob. I assume that means NO connection to PTT jack on the 1000.
>73 de Howard
>
>
>
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[Non-text portions of this message have been removed]

728. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-18 04:12:29 UTC
From: Howard Klein
Topic: 723 Message: 728

Thanks guys for all the input. I did have it hooked up TX GND to Key-in but Krassy's posting got me wondering if a second line was required. I do agree with Marcelo that the D and the Acom 2000A is a tough act to follow.

73 Howard...K2HK

>
>Ust the TX to Gnd. No PTT line.
>
>There is a switch inside the FT-1000D that you may have to move to ON, in
>order to activate the output relay. It?s in the manual.
>
>The TX-GND relay is usually off in order to make operation more quiet.
>
>Enjoy your new radio. It?s still the best around!
>
>73?s
>
>Marcelo, PY1KN
>
> >
> >
> >
> >_____
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Howard M. Klein, K2HK
ARRL Life Member
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729. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 20:48:22 UTC
From: Barry
Topic: 723 Message: 729

Howard,
No need to turn on the relay. The transistor switch in the 1000D will
handle the switching fine, and is a lot less noisy than a relay!
73,
Barry

On 17 Jan 2002 k2hk_2000 wrote:

> I have recently gotten an FT1000D. What is the preferred hookup?
> Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to Key-
> out?
>
> TIA,
>
> Howard..K2HK
>
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

730. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 20:52:08 UTC
From: Marcelo
Topic: 723 Message: 730

Hi Barry,

Can it be done without the realy? My TX-GND output only worked after
turning it on. How do you do it?

Marcelo, PY1KN

At 20:48 17/1/2002 +0000, you wrote:
>Howard,
>No need to turn on the relay. The transistor switch in the 1000D will
>handle the switching fine, and is a lot less noisy than a relay!
>73,
>Barry
>
>On 17 Jan 2002 k2hk_2000 wrote:
>
> > I have recently gotten an FT1000D. What is the preferred hookup?
> > Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to Key-
> > out?
> >
> > TIA,
> >
> > Howard..K2HK
> >
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731. Re: [acom-list] FT1000 to Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-17 21:52:20 UTC
From: Barry
Topic: 723 Message: 731

Marcelo,
I use pin 8 (LINEAR) of the band data DIN jack and GND to the amp.
You can also use the TX GND phono jack. See page 18 of the FT-1000
manual for details, listed under (5) Phono Jack. When S1002 is OFF,
the internal transistor keys the amp. You should only need the relay if
your amp uses high voltage at the key jack (like SB-220).
73,
Barry

On 17 Jan 2002 Marcelo wrote:

> Hi Barry,
> Can it be done without the realy? My TX-GND output only worked after
> turning it on. How do you do it?
> Marcelo, PY1KN
> At 20:48 17/1/2002 +0000, you wrote:
> >Howard,
> >No need to turn on the relay. The transistor switch in the 1000D will
> >handle the switching fine, and is a lot less noisy than a relay!
> >73,
> >Barry
> >
> >On 17 Jan 2002 k2hk_2000 wrote:
> >
> > > I have recently gotten an FT1000D. What is the preferred hookup?
> > > Is it TX Gnd to Key-in, PTT to Key-in, or both with one going to Key-
> > > out?
> > >
> > > TIA,
> > >
> > > Howard..K2HK
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

732. 2000A touch up paint

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-25 14:07:38 UTC
From: ka7gkn
Topic: 732 Message: 732

Hi gang, Does anyone know a source for touch up paint for the 2000A??
I have the typical use scratches or nicks from use and I'd like to
touch them up.
I can't even define the color.

any help will be appreciated.

Marty ka7gkn ka7gkn@...

733. Re: [acom-list] 2000A touch up paint

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-25 23:24:17 UTC
From: Bob Naumann - N5NJ
Topic: 732 Message: 733

I have no clue what the colors are either.

I'd suggest that you look in a good quality hobby shop that carries a large assortment of model paints. There's probably a very close match available in one of the military lines of paint colors. The small jars are only a couple of bucks and if you store them bottom up after you open it, the paint will last a long time. (This way the paint seals the jar/lid surfaces and delays drying out.)

Now, related to "typical" scratches and nicks, I've dragged my 2000A to Antigua twice and it's got no scratches or nicks on it. You must be putting yours through some pretty rough treatment!

Spending a lot of time on 20 SSB?

;-)

N5NJ

----- Original Message -----
From: "ka7gkn" <ka7gkn@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 25, 2002 8:07 AM
Subject: [acom-list] 2000A touch up paint

> Hi gang, Does anyone know a source for touch up paint for the 2000A??
> I have the typical use scratches or nicks from use and I'd like to
> touch them up.
> I can't even define the color.
>
> any help will be appreciated.
>
> Marty ka7gkn ka7gkn@...
>
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734. Re: [acom-list] Digest Number 176

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-26 17:06:20 UTC
From: Jim
Topic: 734 Message: 734

2000a here over a year old. Not one scratch.

----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Saturday, January 26, 2002 7:33 AM
Subject: [acom-list] Digest Number 176

> To unsubscribe, send an empty message to:
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>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. 2000A touch up paint
> From: "ka7gkn" <ka7gkn@...>
> 2. Re: 2000A touch up paint
> From: "Bob Naumann - N5NJ" <n5nj@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Fri, 25 Jan 2002 14:07:38 -0000
> From: "ka7gkn" <ka7gkn@...>
> Subject: 2000A touch up paint
>
> Hi gang, Does anyone know a source for touch up paint for the 2000A??
> I have the typical use scratches or nicks from use and I'd like to
> touch them up.
> I can't even define the color.
>
> any help will be appreciated.
>
> Marty ka7gkn ka7gkn@...
>
>
>
> ____
> ____
>

> Message: 2
> Date: Fri, 25 Jan 2002 17:24:17 -0600
> From: "Bob Naumann - N5NJ" <n5nj@...>
> Subject: Re: 2000A touch up paint
>
> I have no clue what the colors are either.
>
> I'd suggest that you look in a good quality hobby shop that carries a
large
> assortment of model paints. There's probably a very close match available
> in one of the military lines of paint colors. The small jars are only a
> couple of bucks and if you store them bottom up after you open it, the
paint
> will last a long time. (This way the paint seals the jar/lid surfaces and
> delays drying out.)
>
> Now, related to "typical" scratches and nicks, I've dragged my 2000A to
> Antigua twice and it's got no scratches or nicks on it. You must be
putting
> yours through some pretty rough treatment!
>
> Spending a lot of time on 20 SSB?
>
> ;-)
>
> N5NJ
>
> ----- Original Message -----
> From: "ka7gkn" <ka7gkn@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 25, 2002 8:07 AM
> Subject: [acom-list] 2000A touch up paint
>
>
> > Hi gang, Does anyone know a source for touch up paint for the 2000A??
> > I have the typical use scratches or nicks from use and I'd like to
> > touch them up.
> > I can't even define the color.
> >
> > any help will be appreciated.
> >
> > Marty ka7gkn ka7gkn@...
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735. RE: [acom-list] 2000A touch up paint

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-27 06:52:38 UTC
From: Morel Grunberg
Topic: 732 Message: 735

I suggest you to ask ACOM directly. They are extremely cooperative and kind.

Morel, 4X1AD

> -----Original Message-----
> From: ka7gkn [SMTP:ka7gkn@...]
> Sent: Fri January 25 2002 16:08
> To: acom-list@yahoogroups.com
> Subject: [acom-list] 2000A touch up paint
>
> Hi gang, Does anyone know a source for touch up paint for the 2000A??
> I have the typical use scratches or nicks from use and I'd like to
> touch them up.
> I can't even define the color.
>
> any help will be appreciated.
>
> Marty ka7gkn ka7gkn@...
>
>
>

736. Re: ICOM and ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-30 19:29:53 UTC
From: aa1nd@aol.com
Topic: 736 Message: 736

For ICOM transceivers, you should preferably use the PTT and CW keyer (and parallel computer) connected to the respective inputs of the transceiver. For amplifier control use the semiconductor control input/output "HSEND" on the round "ACC" connector of the transceiver. For some ICOM models it is named "SEND". Connect it directly to the "KEY-IN" input of the amplifier via a shielded cable. You don't need any relay between ICOM transceivers and the ACOM1000 or ACOM2000A.

Generally, the HSEND (SEND) signal on the ACC connector of ICOM models is bidirectional. If you connect it to the ground, the transceiver will go to transmit, i.e. it acts like an external PTT input. A 20mA "output" current will flow through your external PTT contact. This direction of the HSEND (SEND) however is not used for external amplifiers control. Another function of the same signal is an output, that goes to the ground when you activate a transmission using the front panel SEND button, mike PTT, VOX, or CW keyer. In this direction, it will withstand 100-200mA "input" current (drawn from amplifier's control input) and is suitable to control ACOM amplifiers.

If you would simply wire the CW key line from your keyer (and parallel computer) directly

to both the Icom and the A1000 (in parallel), the amplifier would be OK. Most of the ICOM models would however only change to transmit but without emitting any carrier (they would wait for a closure of their input "CW KEY"). For SSB, such connection is OK to a foot switch. Note however, that the foot switch should be bounce-free since some asynchronous timing may arise. You could also use the foot switch for CW, with the keyer connected to the transceiver's "CW KEY" input. You will lose however the possibility of operation in QSK/FULL-BK-IN mode.

More information about the connections KEY-IN and KEY-OUT follows below. Briefly, the amp is keyed by grounding the KEY-IN jack. The keying voltage is typically 12VDC and the keying current is less than 15mA. Both amplifiers ACOM1000 and ACOM2000A are QSK-compatible with all QSK-capable transceivers on the market. The keying circuit requirements for the ACOM1000 and the ACOM2000A are identical.

1. The amplifier's T/R-control input for the antenna relay is called "KEY-IN". When in OPERATE mode, on this input appears a DC signal that is to be held low to activate the amplifier to the transmit mode. This can be done via either a relay contact or a semiconductor (transistor or integrated circuit) with suitable polarity (plus to the ground).

NOTE: You should prefer a semiconductor output when it is available on your transceiver, since relay contacts on some models are slow with respect to their RF output. You may see a "Hot-Switching Warning" or "RF detected at

wrong time" message otherwise. This message means that an eventual hot switching has been prevented by the amplifier's protection system. You should change to the semiconductor output in such conditions. In addition, utilizing the semiconductor output, you may disable the transceiver's relay clicking (on some models there is a switch intended for a case when the relay is not needed).

The electrical specifications of the amplifier's KEY-IN input are as follows:

- Switching voltage (open circuit): 15V max (12V typ.), plus to the ground;

- Closed-circuit current: 15mA max;

- Voltage drop / resistance of the control output @ 15mA (closed circuit): 1.5V/250 Ohm max.

You can control the KEY-IN signal in two different methods. Look at (3) for a second way.

For the preferred mode, you have to connect the KEY-IN socket to the transceiver's output that goes to the ground when you transmit. Practically all transceivers have such an output, and their electrical specifications exceed the amplifier's requirements. Transceivers producers give different names to this output, and they are for instance: TX-GND, SEND, *T/R-LINE, KEY-OUT, etc.

Some transceivers require that their signal "ground on transmit" be implemented via a software command, or by changing of a switch on the rear panel, or interior of the transceiver. Some models generate a "+12V on TX" signal. Then, you may need a simple n-p-n or n-mos transistor, controlled through a 10kOhm resistor to the base or gate, in order to "invert" the available signal in a "GND on TX". Look in your transceiver's manual or contact your dealer or ACOM directly for details about a particular model.

Please use always shielded cables for these connections.

2. The KEY-OUT socket on the rear panel is a "phono" type (RCA) connector. When you don't use the second method of the connection (see p.3), this is an extra output signal from the amplifier, that could be either used or not. When used, it would improve the T/R process of switching and would increase the exploitation reliability.

The KEY-OUT output is usable when the transceiver has available a respective input to disable transmitting when the amplifier may need it. If your transceiver has no such input (for instance ICOM models), or you use the second way of the KEY-IN connection (p.3), please don't worry: the amplifier will be fully protected and will function normally, so the KEY-OUT may remain unused.

If your transceiver however possesses a suitable input that is capable to disable transmission, we recommend that you utilize that feature. Just connect this input of the transceiver to the KEY-OUT socket of the amplifier. Transceiver producers give different names to this input, and they are for

instance: TX-INHIBIT, MUTE, LINEAR, KEY-IN, etc. It is available sometimes on BAND-DATA, ACC, EXT, LIN, ATU, and etc rear-panel connectors. Some transceivers may require that a "transmit disable" function is implemented via a software command, or by changing of a switch, or via adding an external pull-up resistor, etc. Look in your transceiver's manual. You have to use the preferred connection of the KEY-IN socket (p.1) to utilize this feature.

The output KEY-OUT of the amplifier is an open-drain circuit and it can hold a positive DC signal to the ground. During all the periods when the amplifier is ready to transmit, this line will always pattern the requests "GND on TX" in order to enable transmission. When transmitting is not permissible, the output becomes open (for instance, while the antenna relay is in process of switching-over) and the transceiver would stop RF driving.

The electrical specifications and timing of the amplifier's KEY-OUT output are as follows:

- Switching voltage (open circuit) - up to +50V,

- Switching current (closed circuit) - up to 20mA,

- Internal resistance @ 20mA (closed circuit) - 120 Ohm max,

- Delay time - 5ms max (2...3ms typically).

While the amplifier is not powered, and in STANDBY mode, this output is directly connected to the KEY-IN socket. Thus, the amplifier will send back the "ground on transmit" signal to the "TX enable"-input of the transceiver always during OFF and STBY modes in order not to disable any transmission.

In OPERATE mode the signal KEY-OUT will pattern the signal "ground on transmit" that is coming on the socket KEY-IN, always when the antenna relay is in safe position and when no other warning is present. The signal KEY-OUT will reject transmitting if the amplifier detects any risk condition.

Besides, the amplifier contains an independent self-protection that looks after the relay safety during a T/R-switching, regardless of taking or not an advantage of the KEY-OUT signal.

3. If your transceiver has not a suitable connector providing an output signal "ground on transmit" nor "+12V on transmit", you can use the second connection method as described below.

Connect the PTT or CW-keying contact to the amplifier's socket KEY-IN on the rear panel. Then connect the amplifier's socket KEY-OUT to the input PTT or CW-KEY of the transceiver. Always use shielded cables for these connections.

CAUTION: Please check up, that the parameters of the signals PTT and CW-key of the transceiver met the specifications of the "KEY-OUT" output of the amplifier (see p.2 above). Some very old transceivers models may require buffering if the requirement is higher than 50V/20mA.

With the second way of connection, the amplifier will just pass the PTT or keying signal directly to the transceiver always when powered off and during STBY mode. During OPERATE, the signal will pattern your PTT/keying after the antenna relay reaches a safe position, and will disable transmission during relay's motion as well as during any risk condition.

The second way of controlling the transmit/receive process could be very useful also if the transceiver has an incorrect timing sequence of its T/R signals. For instance, if the RF power appears before a "ground on transmit" is fed to the amplifier.

73 Krassy K1LZ
29 January 2002.

737. Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-31 06:18:13 UTC
From: ea6nb
Topic: 737 Message: 737

Hello all,
This morning while I was transmitting on 40m SSB the protection from my Acom 2000 jumped and shut off the amp with this warning:
IG1= 3.6mA
SHOULD BE ZERO

Every time I starts the amp jumps the protection with this warning.
I was operating in normal conditions, the antenna has SWR 1.0, could be a bad valve?
Best 73, Jaime EA6NB. <ea6nb@...>

738. Re: Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-01 19:59:57 UTC
From: ea6nb
Topic: 737 Message: 738

--- In acom-list@y..., "ea6nb" <EA6NB1@t...> wrote:
> Hello all,
> This morning while I was transmitting on 40m SSB the protection
from
> my Acom 2000 jumped and shut off the amp with this warning:
> IG1= 3.6mA
> SHOULD BE ZERO
>
> Every time I starts the amp jumps the protection with this warning.
> I was operating in normal conditions, the antenna has SWR 1.0,
could
> be a bad valve?
> Best 73, Jaime EA6NB. <ea6nb@a...>
My Acom is again working, thanks to Acom support, they have been great, I wanted to make the repair myself if possible, just send me all the information necessary and possible element failure, I did the measurements they require and replace a Transistor MosFet which I could find in any electronic shop in Palma (this is great not rare components very difficult to get) and the Acom2 is prepare for VP8 on 80M tonight if they came out!

The problem was the Bias Control kaput.

Thanks Acom for the extraordinaire support and great amp.
73's Jaime EA6NB.

739. Re: [acom-list] Re: Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-01 20:35:31 UTC
From: Paul Christensen
Topic: 737 Message: 739

Interesting....my bias control transistor failed as well. A three-state stepped bias is used in the ACOM 2000A. In my case, I
noted that full the full output biasing state was not being achieved and it took about 90-watts of power in order to produce
1500-watts output. Replacing the transistor corrected the problem.

-Paul, W9AC

----- Original Message -----
From: "ea6nb" <EA6NB1@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, February 01, 2002 2:59 PM
Subject: [acom-list] Re: Acom 2000 Failure

>
> > --- In acom-list@y..., "ea6nb" <EA6NB1@t...> wrote:
> > > Hello all,
> > > This morning while I was transmitting on 40m SSB the protection
> > from
> > > my Acom 2000 jumped and shut off the amp with this warning:
> > > IG1= 3.6mA
> > > SHOULD BE ZERO
> > >
> > > Every time I starts the amp jumps the protection with this warning.
> > > I was operating in normal conditions, the antenna has SWR 1.0,
> > could
> > > be a bad valve?
> > > Best 73, Jaime EA6NB. <ea6nb@a...>
> > My Acom is again working, thanks to Acom support, they have been
> > great, I wanted to make the repair myself if possible, just send me
> > all the information necessary and possible element failure, I did the
> > measurements they require and replace a Transistor MosFet which I
> > could find in any electronic shop in Palma (this is great not rare
> > components very difficult to get) and the Acom2 is prepare for VP8 on
> > 80M tonight if they came out!
> >
> > The problem was the Bias Control kaput.
> >
> > Thanks Acom for the extraordinaire support and great amp.
> > 73's Jaime EA6NB.
> >
> >
> >
> >
> > To unsubscribe, send an empty message to:
> >

> > acom-list-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
> >
>

740. Re: Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-02 20:30:04 UTC
From: dickgreen03755
Topic: 737 Message: 740

I got the grid current message shortly after receiving my amp (and after replacing the bad T/R relay, which was sticking.) The guys at the factory thought it was the bias transistor, but I think it was a shorted grid in one of the tubes. I'm not completely clear on this because I'm not sure whether Krassy replaced the tubes *and* the transistor when he did the repair. My vague recollection is that he said it was a bad tube.

Paul and Jaime, for future reference, please tell us the replacement part for the bias transistor. Might be good to have one on hand, especially if it's a common part. Where is the transistor located in the amp? Did you have to readjust the tube bias when you replaced the transistor?

73, Dick WC1M

--- In acom-list@y..., "Paul Christensen" <paulc@m...> wrote:
> Interesting....my bias control transistor failed as well. A three-state stepped bias is used in the ACOM 2000A. In my case, I
> noted that full the full output biasing state was not being achieved and it took about 90-watts of power in order to produce
> 1500-watts output. Replacing the transistor corrected the problem.
>
> -Paul, W9AC
>
> ----- Original Message -----
> From: "ea6nb" <EA6NB1@t...>
> To: <acom-list@y...>
> Sent: Friday, February 01, 2002 2:59 PM
> Subject: [acom-list] Re: Acom 2000 Failure
>
> >
> > > --- In acom-list@y..., "ea6nb" <EA6NB1@t...> wrote:
> > > > Hello all,
> > > > This morning while I was transmitting on 40m SSB the protection
> > > from
> > > > my Acom 2000 jumped and shut off the amp with this warning:
> > > > IG1= 3.6mA
> > > > SHOULD BE ZERO
> > > >
> > > > Every time I starts the amp jumps the protection with this warning.
> > > > I was operating in normal conditions, the antenna has SWR 1.0,
> > > could
> > > > be a bad valve?

> > > > Best 73, Jaime EA6NB. <ea6nb@a...>
> > > My Acom is again working, thanks to Acom support, they have been
> > > great, I wanted to make the repair myself if possible, just
send me
> > > all the information necessary and possible element failure, I
did the
> > > measurements they require and replace a Transistor MosFet which
I
> > > could find in any electronic shop in Palma (this is great not
rare
> > > components very difficult to get) and the Acom2 is prepare for
VP8 on
> > > 80M tonight if they came out!
> > >
> > > The problem was the Bias Control kaput.
> > >
> > > Thanks Acom for the extraordinaire support and great amp.
> > > 73's Jaime EA6NB.
> > >
> > >
> > >
> > >
> > > To unsubscribe, send an empty message to:
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741. Re: [acom-list] Re: Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-02 20:58:03 UTC
From: Paul Christensen
Topic: 737 Message: 741

Dick,

It's been two years since the occurrence and I no longer have that documentation. Yes, after the component change, there are two trim pots to adjust in order to properly set the stepped bias.

-Paul, W9AC

----- Original Message -----
From: "dickgreen03755" <dick.green@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, February 02, 2002 15:30 PM
Subject: [acom-list] Re: Acom 2000 Failure

> I got the grid current message shortly after receiving my amp (and
> after replacing the bad T/R relay, which was sticking.) The guys at
> the factory thought it was the bias transistor, but I think it was a
> shorted grid in one of the tubes. I'm not completely clear on this
> because I'm not sure whether Krassy replaced the tubes *and* the
> transistor when he did the repair. My vague recollection is that he
> said it was a bad tube.
>
> Paul and Jaime, for future reference, please tell us the replacement
> part for the bias transistor. Might be good to have one on hand,
> especially if it's a common part. Where is the transistor located in
> the amp? Did you have to readjust the tube bias when you replaced the
> transistor?
>
> 73, Dick WC1M
>
>
> --- In acom-list@y..., "Paul Christensen" <paulc@m...> wrote:
> > Interesting....my bias control transistor failed as well. A three-
> state stepped bias is used in the ACOM 2000A. In my case, I
> > noted that full the full output biasing state was not being
> achieved and it took about 90-watts of power in order to produce
> > 1500-watts output. Replacing the transistor corrected the problem.
> >
> > -Paul, W9AC
> >
> > ----- Original Message -----
> > From: "ea6nb" <EA6NB1@t...>
> > To: <acom-list@y...>
> > Sent: Friday, February 01, 2002 2:59 PM
> > Subject: [acom-list] Re: Acom 2000 Failure
> >

> > >
> > > > --- In acom-list@y..., "ea6nb" <EA6NB1@t...> wrote:
> > > > > Hello all,
> > > > > This morning while I was transmitting on 40m SSB the
> protection
> > > > from
> > > > > my Acom 2000 jumped and shut off the amp with this warning:
> > > > > IG1= 3.6mA
> > > > > SHOULD BE ZERO
> > > > >
> > > > > Every time I starts the amp jumps the protection with this
> warning.
> > > > > I was operating in normal conditions, the antenna has SWR 1.0,
> > > > could
> > > > > be a bad valve?
> > > > > Best 73, Jaime EA6NB. <ea6nb@a...>
> > > > My Acom is again working, thanks to Acom support, they have been
> > > > great, I wanted to make the repair myself if possible, just
> send me
> > > > all the information necessary and possible element failure, I
> did the
> > > > measurements they require and replace a Transistor MosFet which
> I
> > > > could find in any electronic shop in Palma (this is great not
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> > > > components very difficult to get) and the Acom2 is prepare for
> VP8 on
> > > > 80M tonight if they came out!
> > > >
> > > > The problem was the Bias Control kaput.
> > > >
> > > > Thanks Acom for the extraordinaire support and great amp.
> > > > 73's Jaime EA6NB.
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>

742. Re: Acom 2000 Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-03 09:24:33 UTC
From: ea6nb
Topic: 737 Message: 742

Ok, but I would not touch anything at all without the help of Acom,
they provide all the information necessary and I don't think this
fault will repeat to others.
Before replacing anything you have to be sure is a defective
component, so you have to measure the voltages around the suspicious
part, another good thing of this amp is that only with the CPU ON you
can measure V at the interface board without lethal HV.
Also if you are going to repair it by yourself you need some practice
substituting components and soldering, if not leave it to a friend
who knows.
Well in my case was Q9 (IRF-630 mosfet) on the INTERFACE BOARD,
after replacing it, I measured the ☐125V (correct value of BIAS
output) at the proper pin at the board, not necessary in this case
any pot adjustment.
The support of Acom makes me quite confident if (hope not, but amps)
I have a future failure. I had faults in other amps much more simples
like TL922, L7 etc., with no support at all, repair them was not easy.
73, Jaime EA6NB.

--- In acom-list@y..., "dickgreen03755" <dick.green@v...> wrote:
> I got the grid current message shortly after receiving my amp (and
> after replacing the bad T/R relay, which was sticking.) The guys at
> the factory thought it was the bias transistor, but I think it was
a
> shorted grid in one of the tubes. I'm not completely clear on this
> because I'm not sure whether Krassy replaced the tubes *and* the
> transistor when he did the repair. My vague recollection is that he
> said it was a bad tube.
>
> Paul and Jaime, for future reference, please tell us the
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> especially if it's a common part. Where is the transistor located
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the
> transistor?
>
> 73, Dick WC1M
>
>
> --- In acom-list@y..., "Paul Christensen" <paulc@m...> wrote:
> > Interesting....my bias control transistor failed as well. A
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> state stepped bias is used in the ACOM 2000A. In my case, I

> > noted that full the full output biasing state was not being
> achieved and it took about 90-watts of power in order to produce
> > 1500-watts output. Replacing the transistor corrected the
problem.
> >
> > -Paul, W9AC
> >
> > ----- Original Message -----
> > From: "ea6nb" <EA6NB1@t...>
> > To: <acom-list@y...>
> > Sent: Friday, February 01, 2002 2:59 PM
> > Subject: [acom-list] Re: Acom 2000 Failure
> >
> > >
> > > > --- In acom-list@y..., "ea6nb" <EA6NB1@t...> wrote:
> > > > > Hello all,
> > > > > This morning while I was transmitting on 40m SSB the
> protection
> > > > from
> > > > > my Acom 2000 jumped and shut off the amp with this warning:
> > > > > IG1= 3.6mA
> > > > > SHOULD BE ZERO
> > > > >
> > > > > Every time I starts the amp jumps the protection with this
> warning.
> > > > > I was operating in normal conditions, the antenna has SWR
1.0,
> > > > could
> > > > > be a bad valve?
> > > > > Best 73, Jaime EA6NB. <ea6nb@a...>
> > > > My Acom is again working, thanks to Acom support, they have
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> > > > great, I wanted to make the repair myself if possible, just
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> > > > all the information necessary and possible element failure, I
> did the
> > > > measurements they require and replace a Transistor MosFet
which
> I
> > > > could find in any electronic shop in Palma (this is great not
> rare
> > > > components very difficult to get) and the Acom2 is prepare
for
> VP8 on
> > > > 80M tonight if they came out!
> > > >
> > > > The problem was the Bias Control kaput.
> > > >
> > > > Thanks Acom for the extraordinaire support and great amp.
> > > > 73's Jaime EA6NB.

> > > >
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743. touch up paint information

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-08 14:31:24 UTC
From: ka7gkn
Topic: 743 Message: 743

I dropped Krassy a note asking about the color and availability of touch up paint for the 2000A. I chipped a small edge on my RCU...it was My fault!!!

Anyway, the good news is the paint technique for the main box and rcu is "powder coating" so it should wear really well and not be a problem.

The color at this time is not really identified and I'm going to check out the hobby stores for something close to match.
When I locate a name and source for the color I'll pass it along.

Krassy replied quickly which was very nice.

In today's world of lack of true customer support we are really lucky to have Krassy take a personal interest in each amp!

regards... Marty ka7gkn@...

744. Re: [acom-list] touch up paint information

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-08 15:02:31 UTC
From: Brian, N8WRL
Topic: 743 Message: 744

Krassy is very responsive.

One idea I had but forgot to mention, what if you took the RCU to a good paint store and have them use that 'optical' system to match colors? I think it is usually used for house paint but perhaps you they can use it with something else more specialized. At least you could get the 'magic numbers' for paint mixing.

-Brian n8wrl
----- Original Message -----
From: ka7gkn
To: acom-list@yahoogroups.com
Sent: Friday, February 08, 2002 9:31 AM
Subject: [acom-list] touch up paint information

I dropped Krassy a note asking about the color and availability of
touch up paint for the 2000A. I chipped a small edge on my RCU...it
was My fault!!!

Anyway, the good news is the paint technique for the main box and rcu
is "powder coating" so it should wear really well and not be a
problem.

The color at this time is not really identified and I'm going to
check out the hobby stores for something close to match.
When I locate a name and source for the color I'll pass it along.

Krassy replied quickly which was very nice.

In today's world of lack of true customer support we are really lucky
to have Krassy take a personal interest in each amp!

regards... Marty ka7gkn@...

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[Non-text portions of this message have been removed]

745. Acom 2000a For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-12 16:01:55 UTC
From: Richard Thorne
Topic: 745 Message: 745

Hi Guys:

Hope you don't mind if I post this.

Acom 2000A for sale. Purchased 07/99 so the warranty runs through 07/2003.

Excellent condition electrically and cosmetically. I can send digital pictures if your serious.

$4500 plus shipping.

--
Richard Thorne - N5ZC
Amarillo, TX

746. Re: [acom-list] Acom 2000a For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-12 23:29:06 UTC
From: Al Baker
Topic: 745 Message: 746

Since you were one of the early users of the ACOM amp,
I am curious as to why you decided to sell it? Find
something better?
73 de Al W5IZ

--- Richard Thorne <rthorne@...> wrote:
> Hi Guys:
>
> Hope you don't mind if I post this.
>
> Acom 2000A for sale. Purchased 07/99 so the
> warranty runs through
> 07/2003.
>
> Excellent condition electrically and cosmetically.
> I can send digital
> pictures if your serious.
>
> $4500 plus shipping.
>
>
> --
> Richard Thorne - N5ZC
> Amarillo, TX
>
>
>

_____
Do You Yahoo!?
Send FREE Valentine eCards with Yahoo! Greetings!
http://greetings.yahoo.com

747. Re: [acom-list] Acom 2000a For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-12 23:33:39 UTC
From: Richard Thorne
Topic: 745 Message: 747

Hi Al:

Its still the best amp on the market.

I'm just losing interest in the hobby. I'm going to tone the station down
and put up a stealth antenna at my home qth which is heavily restricted.

----- Original Message -----
From: "Al Baker" <w5iz@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, February 12, 2002 5:29 PM
Subject: Re: [acom-list] Acom 2000a For Sale

> Since you were one of the early users of the ACOM amp,
> I am curious as to why you decided to sell it? Find
> something better?
> 73 de Al W5IZ
>
> --- Richard Thorne <rthorne@...> wrote:
> > Hi Guys:
> >
> > Hope you don't mind if I post this.
> >
> > Acom 2000A for sale. Purchased 07/99 so the
> > warranty runs through
> > 07/2003.
> >
> > Excellent condition electrically and cosmetically.
> > I can send digital
> > pictures if your serious.
> >
> > $4500 plus shipping.
> >
> >
> > --
> > Richard Thorne - N5ZC
> > Amarillo, TX
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Send FREE Valentine eCards with Yahoo! Greetings!
> http://greetings.yahoo.com

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>

748. "Low Gain" Fault on 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-18 00:15:43 UTC
From: Brian, N8WRL
Topic: 748 Message: 748

Hi all!

I had a weird thing happen during ARRL CW this weekend. I had made some SWR-related adjustments to one of my tribanders but it wasn't major. I had planned to re-auto-tune for that beam, but didn't do it yet.

After several hours of operating normally, I noticed it was taking more and more drive to get the same output from the amp. After a bit, I started getting 'LOW GAIN' faults on a couple bands. The manual says to check the COAX and auto-tune.

I've since re-auto-tuned all bands on all antennas and I haven't seen the fault again. Anyone know what causes this and why it would start happening like this?

Thanks!

-Brian n8wrl

[Non-text portions of this message have been removed]

749. Re: [acom-list] "Low Gain" Fault on 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-18 00:22:04 UTC
From: alsopb
Topic: 748 Message: 749

Brian,

Simply put, the amp was not tuned to resonance with the new load.
Output suffers and it takes more drive to produce the "same" output.
Consider it being like tuning the amp in the CW band and then trying
to use the amp in the phone band. It won't have the same output even
if the load is the same.

Note there is a nearly infinite number of ways to get the same swr.
A z =25 ohms or z=100 ohms both give SWR's of 2:1. However, the amp
tuning required to match these two is much different. Throw in
complex impedances and it gets worse.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> Hi all!
>
> I had a weird thing happen during ARRL CW this weekend. I had made some SWR-related adjustments to one of my tribanders but it wasn't major. I had planned to re-auto-tune for that beam, but didn't do it yet.
>
> After several hours of operating normally, I noticed it was taking more and more drive to get the same output from the amp. After a bit, I started getting 'LOW GAIN' faults on a couple bands. The manual says to check the COAX and auto-tune.
>
> I've since re-auto-tuned all bands on all antennas and I haven't seen the fault again. Anyone know what causes this and why it would start happening like this?
>
> Thanks!
>
> -Brian n8wrl
>
> [Non-text portions of this message have been removed]
>
>
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750. Re: [acom-list] "Low Gain" Fault on 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-18 00:34:40 UTC
From: Brian, N8WRL
Topic: 748 Message: 750

HI Brian!

Long time no chat - thanks for the quick response!

Well, that certainly makes sense for the beam I made changes too, but it happened on antennas I hadn't mucked with in some time! For example, the beam I worked on was a tribander at 35' fixed on EU. I saw the same fault while using my XM240 40m beam too!

I'll have to keep an eye on it over the next few weeks to see if the 'retuning' on all bands and antennas 'fixed' it.

-Brian n8wrl
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Sunday, February 17, 2002 7:22 PM
Subject: Re: [acom-list] "Low Gain" Fault on 2000A

Brian,

Simply put, the amp was not tuned to resonance with the new load.
Output suffers and it takes more drive to produce the "same" output.
Consider it being like tuning the amp in the CW band and then trying
to use the amp in the phone band. It won't have the same output even
if the load is the same.

Note there is a nearly infinite number of ways to get the same swr.
A z =25 ohms or z=100 ohms both give SWR's of 2:1. However, the amp
tuning required to match these two is much different. Throw in
complex impedances and it gets worse.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> Hi all!
>
> I had a weird thing happen during ARRL CW this weekend. I had made some SWR-related adjustments to one of my tribanders but it wasn't major. I had planned to re-auto-tune for that beam, but didn't do it yet.
>
> After several hours of operating normally, I noticed it was taking more and more drive to get the same output from the amp. After a bit, I started getting 'LOW GAIN' faults on a couple bands. The manual says to check the COAX and auto-tune.
>
> I've since re-auto-tuned all bands on all antennas and I haven't seen the fault again. Anyone know what causes this and why it would start happening like this?

>
> Thanks!
>
> -Brian n8wrl
>
> [Non-text portions of this message have been removed]
>
>
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[Non-text portions of this message have been removed]

751. Re: "Low Gain" Fault on 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 00:45:18 UTC
From: Brian, N8WRL
Topic: 748 Message: 751

It happened again! This time on 15m. It's as if the amp is forgetting its tuning settings - I've had the amp for about 14 months - how long should the memory battery last, if there is one? I usually leave the amp 'off' with the main power switch. Re-auto-tune and all is well, for now?

-Brian n8wrl
----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Sunday, February 17, 2002 7:15 PM
Subject: "Low Gain" Fault on 2000A

Hi all!

I had a weird thing happen during ARRL CW this weekend. I had made some SWR-related adjustments to one of my tribanders but it wasn't major. I had planned to re-auto-tune for that beam, but didn't do it yet.

After several hours of operating normally, I noticed it was taking more and more drive to get the same output from the amp. After a bit, I started getting 'LOW GAIN' faults on a couple bands. The manual says to check the COAX and auto-tune.

I've since re-auto-tuned all bands on all antennas and I haven't seen the fault again. Anyone know what causes this and why it would start happening like this?

Thanks!

-Brian n8wrl

[Non-text portions of this message have been removed]

752. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 14:07:36 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 752

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /N8WRL Switch Controller.zip
Uploaded by : n8wrl <n8wrl@...>
Description : 2000A/2000S antenna controller

You can access this file at the URL

http://groups.yahoo.com/group/acom-list/files/N8WRL%20Switch%20Controller.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

n8wrl <n8wrl@...>

753. N8WRL 2000A/S Controller Project

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 14:10:03 UTC
From: n8wrl
Topic: 753 Message: 753

Hi all!

Not sure if the bandwidth warrants it, but I uploaded the 'package'
documenting the antenna selector/amp microcontroller project I was
working on last year. Turns out QST isn't interested but I thought
this group might be. If not, feel free to delete - I don't want to
hog all the file space!

73!

-Brian n8wrl

754. RE: [acom-list] N8WRL 2000A/S Controller Project

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 14:42:07 UTC
From: Eric Scace K3NA
Topic: 753 Message: 754

Hi Brian --

Could you email me a copy of the file? It seems that Yahoo wants to put a bunch of cookies on my machine in order to receive
this information, and Yahoo's privacy policy is one of no privacy at all. Thanks, and sorry for the trouble.

-- Eric K3NA

-----Original Message-----
From: n8wrl [mailto:n8wrl@...]
Sent: 2002 February 19 Tue 09:10
To: acom-list@yahoogroups.com
Subject: [acom-list] N8WRL 2000A/S Controller Project

Hi all!

Not sure if the bandwidth warrants it, but I uploaded the 'package'
documenting the antenna selector/amp microcontroller project I was
working on last year. Turns out QST isn't interested but I thought
this group might be. If not, feel free to delete - I don't want to
hog all the file space!

73!

-Brian n8wrl

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755. AW: [acom-list] N8WRL 2000A/S Controller Project

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 15:02:36 UTC
From: Herrmann, Thomas
Topic: 755 Message: 755

same situation here;

Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: Eric Scace K3NA [mailto:eric@...]
Gesendet: Dienstag, 19. Februar 2002 15:42
An: acom-list@yahoogroups.com
Betreff: RE: [acom-list] N8WRL 2000A/S Controller Project

... It seems that Yahoo wants to put a bunch of cookies on my machine in
order to receive
this information, and Yahoo's privacy policy is one of no privacy at all...

-- Eric K3NA

756. Re: [acom-list] N8WRL 2000A/S Controller Project

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-19 15:58:22 UTC
From: Gerry Hull
Topic: 753 Message: 756

Hi Brian,

I have a new domain hamsoftware.net... Just want to put projects like
yours up on the web. With your permission, I'll ftp your stuff up there.
If you have a writeup (HTML preferred but not necessary), I'll be glad
to include that. Server has 2GB of storage, OC3 to the net and NO
cookies :-)

73,

Gerry, W1VE

> -----Original Message-----
> From: n8wrl [mailto:n8wrl@...]
> Sent: 2002 February 19 Tue 09:10
> To: acom-list@yahoogroups.com
> Subject: [acom-list] N8WRL 2000A/S Controller Project
>
>
> Hi all!
>
> Not sure if the bandwidth warrants it, but I uploaded the 'package'
> documenting the antenna selector/amp microcontroller project I was
> working on last year. Turns out QST isn't interested but I thought
> this group might be. If not, feel free to delete - I don't want to
> hog all the file space!
>
> 73!
>
> -Brian n8wrl
>
>
>
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>

--
Gerry Hull <windev@...>

757. Re: AW: [acom-list] N8WRL 2000A/S Controller Project

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-20 08:28:44 UTC
From: Giorgio Goggi
Topic: 755 Message: 757

Same here!
Thanks,
Giorgio, I2KMG

"Herrmann, Thomas" wrote:

> same situation here;
>
> Thomas, DL1AMQ
>
> -----Urspr?ngliche Nachricht-----
> Von: Eric Scace K3NA [mailto:eric@...]
> Gesendet: Dienstag, 19. Februar 2002 15:42
> An: acom-list@yahoogroups.com
> Betreff: RE: [acom-list] N8WRL 2000A/S Controller Project
>
> ... It seems that Yahoo wants to put a bunch of cookies on my machine in
> order to receive
> this information, and Yahoo's privacy policy is one of no privacy at all...
>
> -- Eric K3NA
>
>
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758. Anyone use AcomTools during contest?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-20 14:01:12 UTC
From: Barry
Topic: 758 Message: 758

Anyone use AcomTools during contest? I forgot all about it. Wonder
how it worked out?
73,
Barry--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

759. Re:ACOM 1000 Mains votage selection

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-20 17:47:06 UTC
From: aa1nd@aol.com
Topic: 759 Message: 759

INSTRUCTION for Mains Voltage Selection in ACOM1000

NOTE: This instruction is applicable only for units produced after January 01, 2002.

W A R N I N G HIGH VOLTAGE!

The amplifier works with high voltages up to 3000V, which are LETHAL! Also, for your safety, pull the amplifier power plug out of the mains wall outlet and WAIT AT LEAST 30 minutes EACH TIME BEFORE you remove the cover of the amplifier. Do not touch any part inside because some residual voltages may still be present.

1. Removing the top cover.

Using a Philips-2 screwdriver, unscrew 9 pcs of "Eco-fix" flange-button head screws to release the top cover (2x3 pcs on each bottom-side edge, and three more on the rear-top edge of the box). Don't unscrew four screws that hold the grid above the tube.

Lift the rear edge of the cover slightly (to 2-3cm) and then pull the cover backwards, in order to release it from front-panel's chutes. Remove the top cover.

2. The MAINS PCB is located just above the big HV transformer. Find 8-contact terminal block where the HV transformer's leads are connected. Numbers and letters "8-4-U-V-W-W-X-X-X-X" on the PCB indicate the contacts. These contacts are for the HV-transformer mains voltage. The transformer's mains taps are indicated by figures 1 through 8 (yellow cable markers).

3. On the same PCB, find also 2x5 contacts header with three short-circuiting jumpers (links) placed on it. Its contacts are indicated by the letters "A-B" and numbers "1-2-3-4-5". These jumpers are for the mains voltage of the LV transformer.

4. Look at the "Mains Voltage Selection" table that is stuck below the cover. Select the table row corresponding to your new Mains Voltage.

a) Find the short-circuiting jumpers' pattern that is shown next to your voltage (in the column "LV Transformer"). Compare it to the real jumpers' pattern on the PCB. If it is different, arrange the jumpers (use tweezers). Note that the patterns for 100-110V are identical (as well as for 210-220V, and 230-240V).

b) Arrange the HV transformer's taps according to the next 8 cells on the same table row. Use a screwdriver with a flat tip of 3.5x0.7mm (0.135x0.027") approximately. Note that taps 8 and 4 are always on contacts 8 and 4 correspondingly. Also, the letters W-W are interchangeable, as well as the

letters X-X-X-X are.

c) Remove the mains fuses (located on the rear panel) and see their nominal current marking. For 100-120VAC you would need 20A. For 200-240VAC the fuses must be 10A. Replace the fuses if different.

5. Check the LV short-circuiting jumpers and the HV transformer's taps again before installing the top cover.

6. Installing the top cover.

a) Put the cover above the chassis holding its rear edge slightly lifted (to 2-3cm). Align its horizontal and two vertical front edges to the respective front-panel chutes. Then push gently the cover forwards, in order to insert its front edges into the front-panel's chutes. Take care especially to the bottom corners.

b) Screw in loosely all 9 pcs of "Eco-fix" flange-button head screws. Use a Philips-2 screwdriver.

c) Pressing continuously the cover forwards and to the bottom, tighten all 9 screws properly.

Best 73!

Sofia, 20 February 2002.

[Non-text portions of this message have been removed]

760. Acom 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-21 16:07:02 UTC
From: Richard Thorne
Topic: 760 Message: 760

Hi Guys:

Whats the word on the 1000a amplifier? I like the idea that it covers 6 meters. What kind of power output can be expected? 1000w, 1200w? Anyone use it for rtty, i.e. continuous duty?

I sold my 2000a for a bunch of reasons, mainly because it wasn't getting used since it sat here at my office where the tower is.

I just purchased a 756pro with long wire antenna tuner for home, but would still like a decent amp at the office for the 2 or 3 times I would use the station for contests.

I don't think I'll feel as bad having a $2500 amp sitting most of time v.s. $5500 :-).

--
Richard Thorne
Advo Companies, Inc.
806-342-0600

761. Re: [acom-list] Acom 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-21 16:26:15 UTC
From: Bob Naumann - N5NJ
Topic: 760 Message: 761

Richard,

I used a Acom 1000A in Antigua last fall for the CQWW SSB from Antigua as V26B on 15m.

I covet one now.

It puts out 1200w if you tune it carefully - and this is pretty easy to do so don't think I mean that this is a problem - it's just that I know you're used to no tuning, so it's somewhat less convenient.

We took it out of the box, installed an AC plug on the power cord, turned it on and operated the contest making about 5,000 qsos. After the contest we turned it off, and put it back in the box.

It was as simple as that!

It's made the same way as the 2000 (perfectly) and is protected from all possible damage just like the 2000.

Highly recommended!

73,

Bob N5NJ / V26O

----- Original Message -----
From: "Richard Thorne" <rthorne@...>
To: "acom-list@egroups.com" <acom-list@yahoogroups.com>
Sent: Thursday, February 21, 2002 10:07 AM
Subject: [acom-list] Acom 1000A

> Hi Guys:
>
> Whats the word on the 1000a amplifier? I like the idea that it covers
> 6 meters. What kind of power output can be expected? 1000w, 1200w?
> Anyone use it for rtty, i.e. continuous duty?
>
> I sold my 2000a for a bunch of reasons, mainly because it wasn't getting
> used since it sat here at my office where the tower is.
>
> I just purchased a 756pro with long wire antenna tuner for home, but
> would still like a decent amp at the office for the 2 or 3 times I would
> use the station for contests.
>
> I don't think I'll feel as bad having a $2500 amp sitting most of time
> v.s. $5500 :-).
>

> --
> Richard Thorne
> Advo Companies, Inc.
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>
>
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762. Re: [acom-list] Acom 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-21 17:22:43 UTC
From: William F. Beyer Jr.
Topic: 760 Message: 762

Bob Naumann - N5NJ wrote:

> Richard,
>
> I used a Acom 1000A in Antigua last fall for the CQWW SSB from Antigua as
> V26B on 15m.
>
> I covet one now.
>
> It puts out 1200w if you tune it carefully - and this is pretty easy to do
> so don't think I mean that this is a problem - it's just that I know you're
> used to no tuning, so it's somewhat less convenient.
>
> We took it out of the box, installed an AC plug on the power cord, turned it
> on and operated the contest making about 5,000 qsos. After the contest we
> turned it off, and put it back in the box.
>
> It was as simple as that!
>
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> possible damage just like the 2000.
>
> Highly recommended!
>
> 73,
>
> Bob N5NJ / V26O
>
>

On the Acom 1000A amp unit, does the xformer need to come out to
ship it?

Do they give any discounts at Dayton Hamvention on orders?
Thanks to all.

--
*See you in the pileups!

William/N2WB

n2wb at arrl dot net

[Non-text portions of this message have been removed]

763. Re: [acom-list] Acom 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-21 17:49:53 UTC
From: Philippe
Topic: 760 Message: 763

no,

all is installed from factory. just install the AC plug on the power cord.
I agree with all comments here, love my 1000, easy tuning proces, puts out 1150 watt CW (55 wt drive) and around 1100 watt ssb (60 watt drive).

The amp is qiet, that's a real comfort in the shack and does the job very easy.
I ran it on SSVT several times driving it 30 watt having 750 watt on the antenna, no problems even not after several images has been transmitted.

73, Phil ON4VP
----- Original Message -----
From: William F. Beyer Jr.
To: acom-list@yahoogroups.com
Sent: Thursday, February 21, 2002 6:22 PM
Subject: Re: [acom-list] Acom 1000A

Bob Naumann - N5NJ wrote:

> Richard,
>
> I used a Acom 1000A in Antigua last fall for the CQWW SSB from Antigua as
> V26B on 15m.
>
> I covet one now.
>
> It puts out 1200w if you tune it carefully - and this is pretty easy to do
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> Highly recommended!
>
> 73,
>
> Bob N5NJ / V26O
>
>

On the Acom 1000A amp unit, does the xformer need to come out to
ship it?

Do they give any discounts at Dayton Hamvention on orders?
Thanks to all.

--
*See you in the pileups!

William/N2WB

n2wb at arrl dot net

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

764. Re: [acom-list] Acom 1000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-22 14:57:43 UTC
From: Richard Thorne
Topic: 760 Message: 764

Thanks Bob.

Bob Naumann - N5NJ wrote:

> Richard,
>
> I used a Acom 1000A in Antigua last fall for the CQWW SSB from Antigua as
> V26B on 15m.
>
> I covet one now.
>
> It puts out 1200w if you tune it carefully - and this is pretty easy to do
> so don't think I mean that this is a problem - it's just that I know you're
> used to no tuning, so it's somewhat less convenient.
>
> We took it out of the box, installed an AC plug on the power cord, turned it
> on and operated the contest making about 5,000 qsos. After the contest we
> turned it off, and put it back in the box.
>
> It was as simple as that!
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> It's made the same way as the 2000 (perfectly) and is protected from all
> possible damage just like the 2000.
>
> Highly recommended!
>
> 73,
>
> Bob N5NJ / V26O
>
> ----- Original Message -----
> From: "Richard Thorne" <rthorne@...>
> To: "acom-list@egroups.com" <acom-list@yahoogroups.com>
> Sent: Thursday, February 21, 2002 10:07 AM
> Subject: [acom-list] Acom 1000A
>
> > Hi Guys:
> > >
> > Whats the word on the 1000a amplifier? I like the idea that it covers
> > 6 meters. What kind of power output can be expected? 1000w, 1200w?
> > Anyone use it for rtty, i.e. continuous duty?
> > >
> > I sold my 2000a for a bunch of reasons, mainly because it wasn't getting
> > used since it sat here at my office where the tower is.
> > >

> > I just purchased a 756pro with long wire antenna tuner for home, but
> > would still like a decent amp at the office for the 2 or 3 times I would
> > use the station for contests.
> >
> > I don't think I'll feel as bad having a $2500 amp sitting most of time
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> > --
> > Richard Thorne
> > Advo Companies, Inc.
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

765. Acom 1000 and TenTec Transceivers

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-22 20:47:45 UTC
From: n4py
Topic: 765 Message: 765

The QSK timing scheme between the Acom 1000 and the TenTec Omni VI, Omni V, Pegasus, and Jupiter are perfectly compatible with each other. All you have to do is connect the tentec "TXOUT" to the Acom "KeyIn" and connect the Acom "KeyOut" to the tentec "TX EN". This results in perfect QSK timing and works great.

766. Re: Anyone use AcomTools during contest?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-23 20:58:44 UTC
From: dickgreen03755
Topic: 758 Message: 766

--- In acom-list@y..., "Barry " <w2up@m...> wrote:
> Anyone use AcomTools during contest? I forgot all about it. Wonder
> how it worked out?
> 73,
> Barry--

Barry,

I used it for a while and it works as advertised. Unfortunately, the algorithm used by the frequency switching extension isn't quite what I need for my SO2R setup. I think the extension was designed for a M/S or M/2 operation where a single amp is shared. I was trying to use it in a standard SO2R setup with two amps -- one radio was using an Alpha 87A and the other was using the Acom 2000A.

The problem I was trying to solve is this: when you use Writelog's advanced SO2R switching (i.e., call CQ with Auto Restart on one radio and drop your call in on the second radio), and you have just changed bands on the second radio, you can lose several CW elements while the 2000A autotunes to the new frequency. It's fairly time consuming to get to the new frequency segment manually from the RCU panel when you do the band change (especially if the bands are far apart.) The ideal solution would be for the 2000A to follow whatever frequency is set on the second radio.

The frequency switching extension almost solves the problem: it sets the 2000A to the frequency of the radio that has the keyboard focus. This works great when the focus is split (transmit focus on the run radio and keyboard focus on the S&P radio.) But when you put the keyboard focus back on the run radio, the 2000A follows it and sets itself to the run frequency. From an operational standpoint this is OK -- it switches back when you split the focus again. But the sound of the amp retuning itself a lot is annoying and makes one wonder how long the motors will put up with that. Also, sometimes I switch to running on the second radio and doing S&P on the run radio. In that case, I had to stop AcomTools. Otherwise it would retune itself to the S&P frequency while calling CQ!

I finally decided to kill AcomTools, and run it only after I did a band change on the S&P radio. I later realized that I could have kept it running, disabled the frequency switching extension, and simply used the manual band selection menu. That's a quick way to retune the amp after a band change. That's the way I'll do it in the next contest.

It would be neat if there was an option to do the frequency switching only if the focus is split.

73, Dick WC1M

767. Re: [acom-list] Re: Anyone use AcomTools during contest?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-24 05:04:44 UTC
From: Jim White, K4OJ
Topic: 758 Message: 767

finally - someone who has both in the shack...

which do you like better

The 87A

or

The 2000A

????

Jim, K4OJ

----- Original Message -----
From: "dickgreen03755" <dick.green@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, February 23, 2002 12:58 PM
Subject: [acom-list] Re: Anyone use AcomTools during contest?

> --- In acom-list@y..., "Barry " <w2up@m...> wrote:
> > Anyone use AcomTools during contest? I forgot all about it. Wonder
> > how it worked out?
> > 73,
> > Barry--
>
> Barry,
>
> I used it for a while and it works as advertised. Unfortunately, the
> algorithm used by the frequency switching extension isn't quite what
> I need for my SO2R setup. I think the extension was designed for a
> M/S or M/2 operation where a single amp is shared. I was trying to
> use it in a standard SO2R setup with two amps -- one radio was using
> an Alpha 87A and the other was using the Acom 2000A.
>
> The problem I was trying to solve is this: when you use Writelog's
> advanced SO2R switching (i.e., call CQ with Auto Restart on one radio
> and drop your call in on the second radio), and you have just changed
> bands on the second radio, you can lose several CW elements while the
> 2000A autotunes to the new frequency. It's fairly time consuming to
> get to the new frequency segment manually from the RCU panel when you
> do the band change (especially if the bands are far apart.) The ideal
> solution would be for the 2000A to follow whatever frequency is set
> on the second radio.
>
> The frequency switching extension almost solves the problem: it sets
> the 2000A to the frequency of the radio that has the keyboard focus.

> This works great when the focus is split (transmit focus on the run
> radio and keyboard focus on the S&P radio.) But when you put the
> keyboard focus back on the run radio, the 2000A follows it and sets
> itself to the run frequency. From an operational standpoint this is
> OK -- it switches back when you split the focus again. But the sound
> of the amp retuning itself a lot is annoying and makes one wonder how
> long the motors will put up with that. Also, sometimes I switch to
> running on the second radio and doing S&P on the run radio. In that
> case, I had to stop AcomTools. Otherwise it would retune itself to
> the S&P frequency while calling CQ!
>
> I finally decided to kill AcomTools, and run it only after I did a
> band change on the S&P radio. I later realized that I could have kept
> it running, disabled the frequency switching extension, and simply
> used the manual band selection menu. That's a quick way to retune the
> amp after a band change. That's the way I'll do it in the next
> contest.
>
> It would be neat if there was an option to do the frequency switching
> only if the focus is split.
>
> 73, Dick WC1M
>
>
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768. 87A vs 2000A (was Re: Anyone use AcomTools during contest?)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-24 20:03:29 UTC
From: dickgreen03755
Topic: 758 Message: 768

I've had the 87A since 1995 and the 2000A for about a year. It's too close to call -- they're both superb amps with exceptional design and build quality. Both are real workhorses.

87A advantages: Silent PIN diode T/R switching (quiet and no relay to wear out from heavy QSK usage), perfect design for QSK, AlphaMax dynamic autotune (perfect for multiple antennas per band), AlphaRemote remote control software, low-power transmission passed through during band change retuning (no CW elements lost), manual tuning (for more precise stored presets), designed for remote operation via cable or modem, reliable 3CX800A7 tubes, virtually no transformer hum, blower quiet enough for desktop use.

87A disadvantages: SWR must be < 2:1 (output network and PINs can't handle more), autotune not reliable for storing presets (manual tuning very time consuming), firmware is dated and can't be expanded, error reporting is often misleading, tubes very expensive to replace, blower much noisier than 2000A, external optional fan very noisy.

2000A advantages: comfortably handles SWR up to 3:1, fast accurate and easy autotune for storing presets, excellent QSK design for a relay-based amp, RCU well designed and saves lots of desk space, more advanced fault detection, terrific error reporting (sometimes misleading like 87A, but at least a generation better), Russian tubes much cheaper to replace, blower incredibly quiet (the new one), DOS-based autotune program fantastic for automatically retuning all segments, AcomTools has some nice features.

2000A disadvantages: no dynamic autotune (must manually select different tuning preset for each antenna), no transmission during band change retuning (CW elements lost), not fully designed for remote operation via cable or modem (power on/off is a problem and AcomTools is still evolving), relay can wear out under heavy QSK usage, relay switching slightly noisier, no manual tuning (actually I'm not sure about this and not sure it's needed), some transformer hum (might be able to reduce that by playing with voltage taps but haven't tried), no vendor-supplied remote control software (though AcomTools is getting close to AlphaRemote's capabilities), no Windows-based software to automatically retune all segments, Russian tubes *might* be less reliable.

Last I experienced it, service was excellent from both companies.

I think anyone would be very happy with either amp. Hope this comparison is useful.

73, Dick WC1M

--- In acom-list@y..., "Jim White, K4OJ" <k4oj@t...> wrote:
> finally - someone who has both in the shack...
>
> which do you like better
>
> The 87A
>
> or
>
> The 2000A
>
> ????
>
>
> Jim, K4OJ
>
>
> ----- Original Message -----
> From: "dickgreen03755" <dick.green@v...>
> To: <acom-list@y...>
> Sent: Saturday, February 23, 2002 12:58 PM
> Subject: [acom-list] Re: Anyone use AcomTools during contest?
>
>
> > --- In acom-list@y..., "Barry " <w2up@m...> wrote:
> > > Anyone use AcomTools during contest? I forgot all about it.
Wonder
> > > how it worked out?
> > > 73,
> > > Barry--
> >
> > Barry,
> >
> > I used it for a while and it works as advertised. Unfortunately,
the
> > algorithm used by the frequency switching extension isn't quite
what
> > I need for my SO2R setup. I think the extension was designed for a
> > M/S or M/2 operation where a single amp is shared. I was trying to
> > use it in a standard SO2R setup with two amps -- one radio was
using
> > an Alpha 87A and the other was using the Acom 2000A.
> >
> > The problem I was trying to solve is this: when you use Writelog's
> > advanced SO2R switching (i.e., call CQ with Auto Restart on one
radio
> > and drop your call in on the second radio), and you have just
changed
> > bands on the second radio, you can lose several CW elements while
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> > 2000A autotunes to the new frequency. It's fairly time consuming

to
> > get to the new frequency segment manually from the RCU panel when
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> > do the band change (especially if the bands are far apart.) The
ideal
> > solution would be for the 2000A to follow whatever frequency is
set
> > on the second radio.
> >
> > The frequency switching extension almost solves the problem: it
sets
> > the 2000A to the frequency of the radio that has the keyboard
focus.
> > This works great when the focus is split (transmit focus on the
run
> > radio and keyboard focus on the S&P radio.) But when you put the
> > keyboard focus back on the run radio, the 2000A follows it and
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> > itself to the run frequency. From an operational standpoint this
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> > OK -- it switches back when you split the focus again. But the
sound
> > of the amp retuning itself a lot is annoying and makes one wonder
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> > long the motors will put up with that. Also, sometimes I switch to
> > running on the second radio and doing S&P on the run radio. In
that
> > case, I had to stop AcomTools. Otherwise it would retune itself to
> > the S&P frequency while calling CQ!
> >
> > I finally decided to kill AcomTools, and run it only after I did a
> > band change on the S&P radio. I later realized that I could have
kept
> > it running, disabled the frequency switching extension, and simply
> > used the manual band selection menu. That's a quick way to retune
the
> > amp after a band change. That's the way I'll do it in the next
> > contest.
> >
> > It would be neat if there was an option to do the frequency
switching
> > only if the focus is split.
> >
> > 73, Dick WC1M
> >
> >
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769. ACOM 2000A and TS-950SDX

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-28 10:07:57 UTC
From: Dennis Vernacchia
Topic: 769 Message: 769

Anyone currently using a ACOM 2000A and TS-950SDX combo.
Would like to compare notes

73, Dennis N6KI

_____
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770. RE: [acom-list] ACOM 2000A and TS-950SDX

Yahoo group: acom-list (1999 — 2009)
Date: 2002-02-28 12:09:53 UTC
From: N2TK
Topic: 769 Message: 770

Hi Dennis. I have been using that combo for over a year. Works great! I am now at KP2 for a week, so if you would like details it may have to wait till I get back. I may not be checking email much while I'm here. The radio and golf will get in the way of that.
Tony
N2TK

-----Original Message-----
From: Dennis Vernacchia [mailto:n6ki@...]
Sent: Thursday, February 28, 2002 5:08 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 2000A and TS-950SDX

Anyone currently using a ACOM 2000A and TS-950SDX combo.
Would like to compare notes

73, Dennis N6KI

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[Non-text portions of this message have been removed]

771. 4CX800A Replacement Query

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-03 09:34:18 UTC
From: Dennis Vernacchia
Topic: 771 Message: 771

Has anyone purchased a matched set of 4CX800As from Tom's Tubes
W4TH (Tom Hix) and installed them in their ACOM 2000A ?

Thinking of getting a spare set and wondered if anyone can verify
quality
and how they worked?

Also, is there any great reason to buy a spare set of sockets for

teh 4CX800As. What would anyone think the sockets would last in
tube hours?

73, Dennis N6KI

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772. ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-03 09:36:12 UTC
From: Dennis Vernacchia
Topic: 772 Message: 772

Anyone using the Key Out in a QSK setup?

Anyone found any other good uses for this?
73,

Dennis Vernacchia N6KI

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773. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-03 12:59:59 UTC
From: Carl Moreschi
Topic: 772 Message: 773

I am using the Key Out jack with my Pegasus. The TenTec
QSK scheme perfectly matches the Acom's KeyIn/KeyOut
scheme for perfectly timed QSK.

Carl Moreschi N4PY
Franklinton, North Carolina
n4py@...
----- Original Message -----
From: Dennis Vernacchia
To: acom-list@yahoogroups.com
Sent: Sunday, March 03, 2002 9:36 AM
Subject: [acom-list] ACOM 2000A Key Out Jack

Anyone using the Key Out in a QSK setup?

Anyone found any other good uses for this?
73,

Dennis Vernacchia N6KI

_____
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[Non-text portions of this message have been removed]

774. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-03 13:58:17 UTC
From: Brian, N8WRL
Topic: 772 Message: 774

HI Dennis!

I don't operate QSK, but I do use the key-out to complete a loop between the radio, amp, antenna switch, and switch controller. Any of the 3 can inhibit TX as needed.
----- Original Message -----
From: Dennis Vernacchia
To: acom-list@yahoogroups.com
Sent: Sunday, March 03, 2002 4:36 AM
Subject: [acom-list] ACOM 2000A Key Out Jack

Anyone using the Key Out in a QSK setup?

Anyone found any other good uses for this?
73,

Dennis Vernacchia N6KI

_____
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775. Re: 4CX800A Replacement Query

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 04:17:46 UTC
From: dickgreen03755
Topic: 771 Message: 775

FYI, when you replace the tubes you have to readjust the bias (or is it the idle current?) Anyway, you can get a written procedure for that from Acom.

--- In acom-list@y..., Dennis Vernacchia <n6ki@j...> wrote:
> Has anyone purchased a matched set of 4CX800As from Tom's Tubes
> W4TH (Tom Hix) and installed them in their ACOM 2000A ?
>
> Thinking of getting a spare set and wondered if anyone can verify
> quality
> and how they worked?
>
> Also, is there any great reason to buy a spare set of sockets for
>
> teh 4CX800As. What would anyone think the sockets would last in
> tube hours?
>
> 73, Dennis N6KI
> _____
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776. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 09:02:15 UTC
From: Dennis Vernacchia
Topic: 772 Message: 776

Carl,

Does thi smean you hook the outpput of your electronic keyer to
the ACOM Key IN and then connect Key Out to the key jack on your TenTec ?

73, Dennis N6KI

On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi" <n4py@...>
writes:
> I am using the Key Out jack with my Pegasus. The TenTec
> QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> scheme for perfectly timed QSK.
>
> Carl Moreschi N4PY
> Franklinton, North Carolina
> n4py@...
> ----- Original Message -----
> From: Dennis Vernacchia
> To: acom-list@yahoogroups.com
> Sent: Sunday, March 03, 2002 9:36 AM
> Subject: [acom-list] ACOM 2000A Key Out Jack
>
>
> Anyone using the Key Out in a QSK setup?
>
> Anyone found any other good uses for this?
> 73,
>
> Dennis Vernacchia N6KI
> _____
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73,

Dennis Vernacchia N6KI

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777. Re: [acom-list] Re: 4CX800A Replacement Query

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 09:00:07 UTC
From: Dennis Vernacchia
Topic: 771 Message: 777

I have the procedure, just wanted to know if anyone
went through te exercise with Tom's tubes

73, Dennis N6KI

On Mon, 04 Mar 2002 04:17:46 -0000 "dickgreen03755"
<dick.green@...> writes:
> FYI, when you replace the tubes you have to readjust the bias (or is
>
> it the idle current?) Anyway, you can get a written procedure for
> that from Acom.
>
>
> --- In acom-list@y..., Dennis Vernacchia <n6ki@j...> wrote:
> > Has anyone purchased a matched set of 4CX800As from Tom's
>
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> > W4TH (Tom Hix) and installed them in their ACOM 2000A ?
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> > Thinking of getting a spare set and wondered if anyone can
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> verify
> > quality
> > and how they worked?
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> > Also, is there any great reason to buy a spare set of
> sockets for
> >
> > teh 4CX800As. What would anyone think the sockets would last in
> > tube hours?
> >
> > 73, Dennis N6KI
> > ____
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73,

Dennis Vernacchia N6KI

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778. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 09:02:53 UTC
From: Dennis Vernacchia
Topic: 772 Message: 778

Brian,

Thanks for response

Dennis

On Sun, 3 Mar 2002 08:58:17 -0500 "Brian, N8WRL" <n8wrl@...> writes:
> HI Dennis!
>
> I don't operate QSK, but I do use the key-out to complete a loop
> between the radio, amp, antenna switch, and switch controller. Any
> of the 3 can inhibit TX as needed.
> ----- Original Message -----
> From: Dennis Vernacchia
> To: acom-list@yahoogroups.com
> Sent: Sunday, March 03, 2002 4:36 AM
> Subject: [acom-list] ACOM 2000A Key Out Jack
>
>
> Anyone using the Key Out in a QSK setup?
>
> Anyone found any other good uses for this?
> 73,
>
> Dennis Vernacchia N6KI
> _____
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73,

Dennis Vernacchia N6KI

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779. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 12:37:02 UTC
From: Carl Moreschi
Topic: 772 Message: 779

Dennis,

The TenTec radios are all set for QSK. Their amplifiers have a QSK scheme
that turns out to be identical to the ACOM scheme. You connect the tentec
"TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out" back
to the tentec "TX EN".

TenTec radios are such that when you key them, they cause "TX OUT" to go to
ground.
When "TX EN" goes active to ground, they then start transmitting. This
allows
time for the amplifier's antenna relay to transfer because the tentec radio
will not transmit
until TX EN is ground.

73,

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Dennis Vernacchia" <n6ki@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, March 04, 2002 9:02 AM
Subject: Re: [acom-list] ACOM 2000A Key Out Jack

> Carl,
>
> Does thi smean you hook the outpput of your electronic keyer to
> the ACOM Key IN and then connect Key Out to the key jack on your TenTec ?
>
> 73, Dennis N6KI
>
> On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi" <n4py@...>
> writes:
> > I am using the Key Out jack with my Pegasus. The TenTec
> > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > scheme for perfectly timed QSK.
> >
> > Carl Moreschi N4PY
> > Franklinton, North Carolina
> > n4py@...
> > ----- Original Message -----
> > From: Dennis Vernacchia
> > To: acom-list@yahoogroups.com
> > Sent: Sunday, March 03, 2002 9:36 AM
> > Subject: [acom-list] ACOM 2000A Key Out Jack

> >
> >
> > Anyone using the Key Out in a QSK setup?
> >
> > Anyone found any other good uses for this?
> > 73,
> >
> > Dennis Vernacchia N6KI
> > _____
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> >
>
>
> 73,
>
> Dennis Vernacchia N6KI
> _____
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780. Re: [acom-list] Re: 4CX800A Replacement Query

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 13:01:17 UTC
From: Giorgio Goggi
Topic: 771 Message: 780

Dear OM,
how can I get a copy of the procedure? Do you have it in electronic form
and, if so, could you kindly let me have a copy?
Thank you very much in advance!
73 de Giorgio, I2KMG

Dennis Vernacchia wrote:

> I have the procedure, just wanted to know if anyone
> went through te exercise with Tom's tubes
>
> 73, Dennis N6KI
>
> On Mon, 04 Mar 2002 04:17:46 -0000 "dickgreen03755"
> <dick.green@...> writes:
> > FYI, when you replace the tubes you have to readjust the bias (or is
> >
> > it the idle current?) Anyway, you can get a written procedure for
> > that from Acom.
> >
> >
> > --- In acom-list@y..., Dennis Vernacchia <n6ki@j...> wrote:
> > > Has anyone purchased a matched set of 4CX800As from Tom's
> >
> > Tubes
> > > W4TH (Tom Hix) and installed them in their ACOM 2000A ?
> > >
> > > Thinking of getting a spare set and wondered if anyone can
> >
> > verify
> > > quality
> > > and how they worked?
> > >
> > > Also, is there any great reason to buy a spare set of
> > sockets for
> > >
> > > teh 4CX800As. What would anyone think the sockets would last in
> > > tube hours?
> > >
> > > 73, Dennis N6KI
> > > ____
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>
> 73,
>
> Dennis Vernacchia N6KI
> ~---~
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781. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-04 13:25:27 UTC
From: Brian, N8WRL
Topic: 772 Message: 781

Yaesu works the same way. This was confusing to me at first because it's the _radio_ pulling 'TX OUT' to ground and then, after passing thru the loop, it's the radio again detecting the grounded TX-IN. It's neat because ACOM's antenna switch can be part of the loop too, so the rig won't send RF until the switch _and_ the amp are happy!

-Brian n8wrl
----- Original Message -----
From: Carl Moreschi
To: acom-list@yahoogroups.com
Sent: Monday, March 04, 2002 7:37 AM
Subject: Re: [acom-list] ACOM 2000A Key Out Jack

Dennis,

The TenTec radios are all set for QSK. Their amplifiers have a QSK scheme
that turns out to be identical to the ACOM scheme. You connect the tentec
"TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out" back
to the tentec "TX EN".

TenTec radios are such that when you key them, they cause "TX OUT" to go to
ground.
When "TX EN" goes active to ground, they then start transmitting. This
allows
time for the amplifier's antenna relay to transfer because the tentec radio
will not transmit
until TX EN is ground.

73,

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Dennis Vernacchia" <n6ki@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, March 04, 2002 9:02 AM
Subject: Re: [acom-list] ACOM 2000A Key Out Jack

> Carl,
>
> Does thi smean you hook the outpput of your electronic keyer to
> the ACOM Key IN and then connect Key Out to the key jack on your TenTec ?
>
> 73, Dennis N6KI
>
> On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi" <n4py@...>
> writes:
> > I am using the Key Out jack with my Pegasus. The TenTec

> > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > scheme for perfectly timed QSK.
> >
> > Carl Moreschi N4PY
> > Franklinton, North Carolina
> > n4py@...
> > ----- Original Message -----
> > From: Dennis Vernacchia
> > To: acom-list@yahoogroups.com
> > Sent: Sunday, March 03, 2002 9:36 AM
> > Subject: [acom-list] ACOM 2000A Key Out Jack
> >
> >
> > Anyone using the Key Out in a QSK setup?
> >
> > Anyone found any other good uses for this?
> > 73,
> >
> > Dennis Vernacchia N6KI
> > _____
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>
> Dennis Vernacchia N6KI
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782. AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-06 00:09:45 UTC
From: N0AT
Topic: 665 Message: 782

I used the Acom tools with Writelog during the DX contest last weekend. It was nice to have the amplifier follow the radio without having to put out any rf.

When I grabbed a spot that contained a split frequency I noticed the amplifier switching back and forth from the split frequency to the receive frequency. This happened approximately every second. When the receive/transmit frequencies were in different amplifier segments, the tune motors would go back and forth, approximately every second. This is unnecessary wear and tear on the motors.

Is there any way to make the amplifier stay put on the split frequency? Maybe this is unique to my station, I'm running an IC-775, and no Acom antenna selector. I have the latest version of Writelog and Acom tools.

73 de Ron N0AT

[Non-text portions of this message have been removed]

783. Re: [acom-list] AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-06 15:42:08 UTC
From: Barry
Topic: 665 Message: 783

Ron,
I used Acom Tools as well, and it worked perfectly. I'm using Writelog with FT-1000D. My guess is it has something to do with the way WL communicates the freq info to the radio (changing freqs each time the radio is polled?), as Acom Tools gets the data from WL.
73,
Barry W2UP

On 5 Mar 2002 N0AT wrote:

I used the Acom tools with Writelog during the DX contest last weekend. It was nice to have the amplifier follow the radio without having to put out any rf.

When I grabbed a spot that contained a split frequency I noticed the amplifier switching back and forth from the split frequency to the receive frequency. This happened approximately every second. When the receive/transmit frequencies were in different amplifier segments, the tune motors would go back and forth, approximately every second. This is unnecessary wear and tear on the motors.

Is there any way to make the amplifier stay put on the split frequency? Maybe this is unique to my station, I'm running an IC-775, and no Acom antenna selector. I have the latest version of Writelog and Acom tools.

73 de Ron N0AT

[Non-text portions of this message have been removed]

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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

784. Re: [acom-list] AcomTools and Writelog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-06 15:58:49 UTC
From: Ron Stordahl
Topic: 665 Message: 784

This whole issue of controlling the radio, the amp, the antennas has me completely confused. I intend to try to automate my station, perhaps SO2R as well.

As far as I know there are two possible sources of information to do the switching...on the ICOM series there is the CI-V line, which provides the exact frequency and on the AUX connector there are voltage levels. There are problems with each. The CI-V line, at least on the latest ICOM758Pro2 does not appear to output the frequency when the radio is set from the keypad, or perhaps output the frequency periodically. I could be wrong on this, I have not looked at it on a scope as yet, so I will say this is just a guess.

The AUX line provides voltages, but unlike the Kenwood, the 80/75 meter band has a single voltage, and this is a band where it is difficult to work the entire band without at least a antenna tuner device, perhaps fixed which could be switched in and out depending upon frequency selected.

I believe some antenna switch systems attempt to solve the first problem by interrogating the radio rather than waiting to intercept the information.

Has ACOM a solution for these issues?

Ron N5IN
----- Original Message -----
From: N0AT
To: acom-list@yahoogroups.com
Sent: Tuesday, March 05, 2002 6:09 PM
Subject: [acom-list] AcomTools and Writelog

I used the Acom tools with Writelog during the DX contest last weekend. It was nice to have the amplifier follow the radio without having to put out any rf.

When I grabbed a spot that contained a split frequency I noticed the amplifier switching back and forth from the split frequency to the receive frequency. This happened approximately every second. When the receive/transmit frequencies were in different amplifier segments, the tune motors would go back and forth, approximately every second. This is unnecessary wear and tear on the motors.

Is there any way to make the amplifier stay put on the split frequency? Maybe this is unique to my station, I'm running an IC-775, and no Acom antenna selector. I have the latest version of Writelog and Acom tools.

73 de Ron N0AT

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785. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-07 06:54:27 UTC
From: Dennis Vernacchia
Topic: 772 Message: 785

OK Carl,

Interesting scheme but won't do much for my TS-950SDX!

73 , Dennis N6KI

On Mon, 4 Mar 2002 12:37:02 -0000 "Carl Moreschi" <n4py@...>
writes:
> Dennis,
>
> The TenTec radios are all set for QSK. Their amplifiers have a QSK
> scheme
> that turns out to be identical to the ACOM scheme. You connect the
> tentec
> "TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out"
> back
> to the tentec "TX EN".
>
> TenTec radios are such that when you key them, they cause "TX OUT"
> to go to
> ground.
> When "TX EN" goes active to ground, they then start transmitting.
> This
> allows
> time for the amplifier's antenna relay to transfer because the
> tentec radio
> will not transmit
> until TX EN is ground.
>
> 73,
>
> Carl Moreschi N4PY
> Franklinton, NC
> ----- Original Message -----
> From: "Dennis Vernacchia" <n6ki@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, March 04, 2002 9:02 AM
> Subject: Re: [acom-list] ACOM 2000A Key Out Jack
>
>
> > Carl,
> >
> > Does thi smean you hook the outpput of your electronic
> keyer to
> > the ACOM Key IN and then connect Key Out to the key jack on your
> TenTec ?

> >
> > 73, Dennis N6KI
> >
> > On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi"
> <n4py@...>
> > writes:
> > > I am using the Key Out jack with my Pegasus. The TenTec
> > > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > > scheme for perfectly timed QSK.
> > >
> > > Carl Moreschi N4PY
> > > Franklinton, North Carolina
> > > n4py@...
> > > ----- Original Message -----
> > > From: Dennis Vernacchia
> > > To: acom-list@yahoogroups.com
> > > Sent: Sunday, March 03, 2002 9:36 AM
> > > Subject: [acom-list] ACOM 2000A Key Out Jack
> > >
> > >
> > > Anyone using the Key Out in a QSK setup?
> > >
> > > Anyone found any other good uses for this?
> > > 73,
> > >
> > > Dennis Vernacchia N6KI
> > >
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> > 73,
> >
> > Dennis Vernacchia N6KI
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73,

Dennis Vernacchia N6KI

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786. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-07 07:05:41 UTC
From: Dennis Vernacchia
Topic: 772 Message: 786

Carl,

I still don't understand. I have an external electronic keyer I
use,
the internal keyer in teh 950 is of no use to me for my contest station
hookup.

So where do I connect the output of my external keyer and where does the
the keying line that currently hooks to my Key IN Jack on the 950 come
from.
What does each cable come from that plugs into the Key IN and Key Out
jacks
on the back of the ACOM 2000A ????

73, Dennis N6KI

On Mon, 4 Mar 2002 08:25:27 -0500 "Brian, N8WRL" <n8wrl@...> writes:
> Yaesu works the same way. This was confusing to me at first because
> it's the _radio_ pulling 'TX OUT' to ground and then, after passing
> thru the loop, it's the radio again detecting the grounded TX-IN.
> It's neat because ACOM's antenna switch can be part of the loop too,
> so the rig won't send RF until the switch _and_ the amp are happy!
>
> -Brian n8wrl
> ----- Original Message -----
> From: Carl Moreschi
> To: acom-list@yahoogroups.com
> Sent: Monday, March 04, 2002 7:37 AM
> Subject: Re: [acom-list] ACOM 2000A Key Out Jack
>
>
> Dennis,
>
> The TenTec radios are all set for QSK. Their amplifiers have a
> QSK scheme
> that turns out to be identical to the ACOM scheme. You connect
> the tentec
> "TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out"
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> TenTec radios are such that when you key them, they cause "TX OUT"
> to go to
> ground.
> When "TX EN" goes active to ground, they then start transmitting.
> This

> allows
> time for the amplifier's antenna relay to transfer because the
> tentec radio
> will not transmit
> until TX EN is ground.
>
> 73,
>
> Carl Moreschi N4PY
> Franklinton, NC
> ----- Original Message -----
> From: "Dennis Vernacchia" <n6ki@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, March 04, 2002 9:02 AM
> Subject: Re: [acom-list] ACOM 2000A Key Out Jack
>
>
> > Carl,
> >
> > Does thi smean you hook the outpput of your electronic
> keyer to
> > the ACOM Key IN and then connect Key Out to the key jack on your
> TenTec ?
> >
> > 73, Dennis N6KI
> >
> > On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi"
> <n4py@...>
> > writes:
> > > I am using the Key Out jack with my Pegasus. The TenTec
> > > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > > scheme for perfectly timed QSK.
> > >
> > > Carl Moreschi N4PY
> > > Franklinton, North Carolina
> > > n4py@...
> > > ----- Original Message -----
> > > From: Dennis Vernacchia
> > > To: acom-list@yahoogroups.com
> > > Sent: Sunday, March 03, 2002 9:36 AM
> > > Subject: [acom-list] ACOM 2000A Key Out Jack
> > >
> > >
> > > Anyone using the Key Out in a QSK setup?
> > >
> > > Anyone found any other good uses for this?
> > > 73,
> > >
> > > Dennis Vernacchia N6KI
> > >

> _____
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73,

Dennis Vernacchia N6KI

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787. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-07 11:50:41 UTC
From: alsopb
Topic: 772 Message: 787

Dennis,

I used the ACOM2000A with my TS850. (I assume the same holds for the 950). First, unlike many radios, the 850 (and TS450 and hopefully the 950) has a 20ms delay between key down and the generation of RF. This eliminates the possibility of hot switching of antenna change over relays in amps. The timing info was in the shop manual. Perhaps you can get someone who has a shop manual to confirm this.

So here's what worked.

1) Connect the key to the 850.
2) Connect the TR (not relay output) line to an inverter and then to the ACOM 2000A input. The TR signal on the 850 was +12 on xmit. The ACOM needs a short to ground. Shut off the noisy T/R relay in the xcvr.
3) Nothing attached to key out line of ACOM

I ran what Kenwood calls "full break-in" with the 850 using this method.

73 de Brian/K3KO

Dennis Vernacchia wrote:
>
> Carl,
>
> I still don't understand. I have an external electronic keyer I
> use,
> the internal keyer in teh 950 is of no use to me for my contest station
> hookup.
>
> So where do I connect the output of my external keyer and where does the
> the keying line that currently hooks to my Key IN Jack on the 950 come
> from.
> What does each cable come from that plugs into the Key IN and Key Out
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> on the back of the ACOM 2000A ????
>
> 73, Dennis N6KI
>
> On Mon, 4 Mar 2002 08:25:27 -0500 "Brian, N8WRL" <n8wrl@...> writes:
> > Yaesu works the same way. This was confusing to me at first because
> > it's the _radio_ pulling 'TX OUT' to ground and then, after passing
> > thru the loop, it's the radio again detecting the grounded TX-IN.
> > It's neat because ACOM's antenna switch can be part of the loop too,

> > so the rig won't send RF until the switch _and_ the amp are happy!
> >
> > -Brian n8wrl
> > ----- Original Message -----
> > From: Carl Moreschi
> > To: acom-list@yahoogroups.com
> > Sent: Monday, March 04, 2002 7:37 AM
> > Subject: Re: [acom-list] ACOM 2000A Key Out Jack
> >
> >
> > Dennis,
> >
> > The TenTec radios are all set for QSK. Their amplifiers have a
> > QSK scheme
> > that turns out to be identical to the ACOM scheme. You connect
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> > "TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out"
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> > TenTec radios are such that when you key them, they cause "TX OUT"
> > to go to
> > ground.
> > When "TX EN" goes active to ground, they then start transmitting.
> > This
> > allows
> > time for the amplifier's antenna relay to transfer because the
> > tentec radio
> > will not transmit
> > until TX EN is ground.
> >
> > 73,
> >
> > Carl Moreschi N4PY
> > Franklinton, NC
> > ----- Original Message -----
> > From: "Dennis Vernacchia" <n6ki@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, March 04, 2002 9:02 AM
> > Subject: Re: [acom-list] ACOM 2000A Key Out Jack
> >
> >
> > > Carl,
> > >
> > > Does thi smean you hook the outpput of your electronic
> > keyer to
> > > the ACOM Key IN and then connect Key Out to the key jack on your
> > TenTec ?
> > >
> > > 73, Dennis N6KI

> > >
> > > On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi"
> > <n4py@...>
> > > writes:
> > > > I am using the Key Out jack with my Pegasus. The TenTec
> > > > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > > > scheme for perfectly timed QSK.
> > > >
> > > > Carl Moreschi N4PY
> > > > Franklinton, North Carolina
> > > > n4py@...
> > > > ----- Original Message -----
> > > > From: Dennis Vernacchia
> > > > To: acom-list@yahoogroups.com
> > > > Sent: Sunday, March 03, 2002 9:36 AM
> > > > Subject: [acom-list] ACOM 2000A Key Out Jack
> > > >
> > > >
> > > > Anyone using the Key Out in a QSK setup?
> > > >
> > > > Anyone found any other good uses for this?
> > > > 73,
> > > >
> > > > Dennis Vernacchia N6KI
> > > >
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> > >
> > > 73,
> > >
> > > Dennis Vernacchia N6KI
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>
> 73,
>
> Dennis Vernacchia N6KI
>
> ~~~~~~
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788. Re: [acom-list] ACOM 2000A Key Out Jack

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-07 13:20:30 UTC
From: Carl Moreschi
Topic: 772 Message: 788

Dennis,

I was speaking of the TenTec keying scheme. You are correct, this method won't help you much on the 950. In the tentec keying scheme, when you key the radio,
the radio asserts TXOUT to ground. The radio will not actually start transmitting
until it sees TXEN go to ground also. So this gives you a way for your radio
to wait until the amplifier relay has transferred without having to guess at how
long it takes. When the ACOM KEYIN line is asserted to ground, the AMP relay begins to transfer. Once the relay has fully transferred, the AMP asserts
KEY OUT to ground. Since this line is wired back to the TXEN line, the radio
ends up waiting for the amp relay to transfer.

One way to wire this with any transceiver is to connect the keyer to the Acom
KEYIN line. You then connect the Acom KEYOUT line to the transceiver's KEY line. Unfortunately, this scheme only works for CW. The above tentec scheme works for all modes.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Dennis Vernacchia" <n6ki@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, March 07, 2002 7:05 AM
Subject: Re: [acom-list] ACOM 2000A Key Out Jack

> Carl,
>
> I still don't understand. I have an external electronic keyer I
> use,
> the internal keyer in teh 950 is of no use to me for my contest station
> hookup.
>
> So where do I connect the output of my external keyer and where does the
> the keying line that currently hooks to my Key IN Jack on the 950 come
> from.
> What does each cable come from that plugs into the Key IN and Key Out
> jacks
> on the back of the ACOM 2000A ????
>

> 73, Dennis N6KI
>
>
> On Mon, 4 Mar 2002 08:25:27 -0500 "Brian, N8WRL" <n8wrl@...> writes:
> > Yaesu works the same way. This was confusing to me at first because
> > it's the _radio_ pulling 'TX OUT' to ground and then, after passing
> > thru the loop, it's the radio again detecting the grounded TX-IN.
> > It's neat because ACOM's antenna switch can be part of the loop too,
> > so the rig won't send RF until the switch _and_ the amp are happy!
> >
> > -Brian n8wrl
> > ----- Original Message -----
> > From: Carl Moreschi
> > To: acom-list@yahoogroups.com
> > Sent: Monday, March 04, 2002 7:37 AM
> > Subject: Re: [acom-list] ACOM 2000A Key Out Jack
> >
> >
> > Dennis,
> >
> > The TenTec radios are all set for QSK. Their amplifiers have a
> > QSK scheme
> > that turns out to be identical to the ACOM scheme. You connect
> > the tentec
> > "TX OUT" to the ACOM "Key In". You then run the ACOM "Key Out"
> > back
> > to the tentec "TX EN".
> >
> > TenTec radios are such that when you key them, they cause "TX OUT"
> > to go to
> > ground.
> > When "TX EN" goes active to ground, they then start transmitting.
> > This
> > allows
> > time for the amplifier's antenna relay to transfer because the
> > tentec radio
> > will not transmit
> > until TX EN is ground.
> >
> > 73,
> >
> > Carl Moreschi N4PY
> > Franklinton, NC
> > ----- Original Message -----
> > From: "Dennis Vernacchia" <n6ki@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Monday, March 04, 2002 9:02 AM
> > Subject: Re: [acom-list] ACOM 2000A Key Out Jack
> >
> >
> >

> > > Carl,
> > >
> > > Does thi smean you hook the outpput of your electronic
> > keyer to
> > > the ACOM Key IN and then connect Key Out to the key jack on your
> > TenTec ?
> > >
> > > 73, Dennis N6KI
> > >
> > > On Sun, 3 Mar 2002 12:59:59 -0000 "Carl Moreschi"
> > <n4py@...>
> > > writes:
> > > > I am using the Key Out jack with my Pegasus. The TenTec
> > > > QSK scheme perfectly matches the Acom's KeyIn/KeyOut
> > > > scheme for perfectly timed QSK.
> > > >
> > > > Carl Moreschi N4PY
> > > > Franklinton, North Carolina
> > > > n4py@...
> > > > ----- Original Message -----
> > > > From: Dennis Vernacchia
> > > > To: acom-list@yahoogroups.com
> > > > Sent: Sunday, March 03, 2002 9:36 AM
> > > > Subject: [acom-list] ACOM 2000A Key Out Jack
> > > > >
> > > > >
> > > > > Anyone using the Key Out in a QSK setup?
> > > > >
> > > > > Anyone found any other good uses for this?
> > > > > 73,
> > > > >
> > > > > Dennis Vernacchia N6KI
> > > > >
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> > > 73,
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> > > ____
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> 73,
>
> Dennis Vernacchia N6KI
>
> ---
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789. FS: ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-17 20:02:02 UTC
From: k4kkl
Topic: 789 Message: 789

Hi folks,
I have decided to sell my 2000A and return to a simpler ham existence. I bought it new late Nov 1999 (sn 990316). The heater light has been coming on recently and now I've had a couple of trips at start-up (heater voltage too low 0.00V). I talked to Krassy and he said Acom would replace the faulty heater circuit connector(s) under warranty and thoroughly check the amp. I will ship the amp to Acom and then it can be shipped to you from there. It's clean - no blemishes or scratches and no tampering. The unit reports 1001h of run time Digital pics are available if you're interested. Price is $4500. Please contact me at K4KKL@...

Tnx es 73,
Mike K4KKL
K4KKL@...

790. Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-17 21:53:15 UTC
From: alsopb
Topic: 790 Message: 790

Anybody else out there experience a loss of the memorized tuning settings?

I thought at first that the memory was lost perhaps due to the battery going dead. However, there is no RCU message present. The loss occurs over night. If the amp stays on, there is no loss.

All band segments show the correct indication (in my case A1 USR)

Note: At one time, I thought it was the antenna impedance changing for unknown reasons. However, the latest occurance happened on all bands -- that's five different antennas.

Is there another failure mode like bad battery socket or something?

de Brian/K3KO

791. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-17 21:02:31 UTC
From: Dave Hawes
Topic: 790 Message: 791

I have seen this too. Had a momentary power blip during ARRL SSB, and it was enough to dump the Acom, but everything else rode through. Upon restart, all the memorized presets had been changed, perhaps back to some factory default. Took a few minutes of off time to reset the tunings.

I'd be interested in a fix for this.

Dave N3RD

On 17 Mar 2002 alsopb wrote:

> Anybody else out there experience a loss of the memorized tuning
> settings?
>
> I thought at first that the memory was lost perhaps due to the battery
> going dead. However, there is no RCU message present. The loss
> occurs over night. If the amp stays on, there is no loss.
>
> All band segments show the correct indication (in my case A1 USR)
>
> Note: At one time, I thought it was the antenna impedance changing
> for unknown reasons. However, the latest occurance happened on all
> bands -- that's five different antennas.
>
> Is there another failure mode like bad battery socket or something?
>
> de Brian/K3KO
>
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792. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 01:08:41 UTC
From: Brian, N8WRL
Topic: 790 Message: 792

What are the symptoms? From earlier posts I reported a problem with a 'creeping' loss where all antennas eventually had 'low gain' faults. Re-tuning them fixed it.

Stan from ACOM walked me thru numerous tests via emails but everything came up fine, and it has been fine ever since. I did not have any power failure, but it happened right after I retuned for changes in one of the beams. I think it has something to do with the amp getting commands over the serial line while it was tuning, but I haven't been able to make it happen since.

-Brian n8wrl
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Sunday, March 17, 2002 4:53 PM
Subject: [acom-list] Loss of tunings?

Anybody else out there experience a loss of the memorized tuning settings?

I thought at first that the memory was lost perhaps due to the battery going dead. However, there is no RCU message present. The loss occurs over night. If the amp stays on, there is no loss.

All band segments show the correct indication (in my case A1 USR)

Note: At one time, I thought it was the antenna impedance changing for unknown reasons. However, the latest occurance happened on all bands -- that's five different antennas.

Is there another failure mode like bad battery socket or something?

de Brian/K3KO

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793. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 09:10:24 UTC
From: Jim White, K4OJ
Topic: 790 Message: 793

sounds like a nice UPS is called for - of course a 220V unit capable of backing up a linear might be slightly expensive!

K4OJ

----- Original Message -----
From: "Dave Hawes" <n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 17, 2002 1:02 PM
Subject: Re: [acom-list] Loss of tunings?

> I have seen this too. Had a momentary power blip during ARRL SSB, and it was
> enough to dump the Acom, but everything else rode through. Upon restart, all the
> memorized presets had been changed, perhaps back to some factory default. Took a
> few minutes of off time to reset the tunings.
>
> I'd be interested in a fix for this.
>
> Dave N3RD
>
> On 17 Mar 2002 alsopb wrote:
>
> > Anybody else out there experience a loss of the memorized tuning
> > settings?
> >
> > I thought at first that the memory was lost perhaps due to the battery
> > going dead. However, there is no RCU message present. The loss
> > occurs over night. If the amp stays on, there is no loss.
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> > All band segments show the correct indication (in my case A1 USR)
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> > Note: At one time, I thought it was the antenna impedance changing
> > for unknown reasons. However, the latest occurance happened on all
> > bands -- that's five different antennas.
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> > Is there another failure mode like bad battery socket or something?
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> > de Brian/K3KO
> >
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794. FWD: Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 11:57:58 UTC
From: Jim Idelson
Topic: 794 Message: 794

In my cq-contest story about our ARRL SSB power glitch the UPS, I mentioned
that the Acoms were not on the UPS, and that both units shutdown when the power
glitch arrived. Neither of us remember losing memory settings during this power
problem. I don't think we've discovered the common factor influencing these
tuning memory lapses.

73,

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "Jim White, K4OJ" <k4oj@...>
TO: <acom-list@yahoogroups.com>
DATE: Mon, 18 Mar 2002 01:10:24 -0800

RE: Re: [acom-list] Loss of tunings?

sounds like a nice UPS is called for - of course a 220V unit capable of
backing up a linear might be slightly expensive!

K4OJ

----- Original Message -----
From: "Dave Hawes" <n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 17, 2002 1:02 PM
Subject: Re: [acom-list] Loss of tunings?

> I have seen this too. Had a momentary power blip during ARRL SSB, and it
was
> enough to dump the Acom, but everything else rode through. Upon restart,
all the
> memorized presets had been changed, perhaps back to some factory default.
Took a
> few minutes of off time to reset the tunings.
>
> I'd be interested in a fix for this.
>
> Dave N3RD
>
> On 17 Mar 2002 alsopb wrote:
>
> > Anybody else out there experience a loss of the memorized tuning
> > settings?

> >
> > I thought at first that the memory was lost perhaps due to the battery
> > going dead. However, there is no RCU message present. The loss
> > occurs over night. If the amp stays on, there is no loss.
> >
> > All band segments show the correct indication (in my case A1 USR)
> >
> > Note: At one time, I thought it was the antenna impedance changing
> > for unknown reasons. However, the latest occurance happened on all
> > bands -- that's five different antennas.
> >
> > Is there another failure mode like bad battery socket or something?
> >
> > de Brian/K3KO
> >
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795. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 12:19:11 UTC
From: alsopb
Topic: 790 Message: 795

Hi Brian,

Well, it happened again this morning. While I can't completely rule out problems with antennas, their SWR appears unchanged.

This morning 40, 20, 15, 12, and 10 m were out of tune. It did result in "low gain" trips for some of the bands. On other bands the output was just about half normal. 40 m uses a beam, 20,15,10 a quad and 12M a separate quad.

I see in the manual there is a way to look at the tune and load setting in the "manual tuning" mode. It would be instructive to look at these settings when things acted up and compare to the last set of values. I have looked at them and they do vary with band segment. So perhaps they are the ones last set by the autotune.

73 de Brian/K3KO

"Brian, N8WRL" wrote:
>
> What are the symptoms? From earlier posts I reported a problem with a 'creeping' loss where all antennas eventually had 'low gain' faults. Re-tuning them fixed it.
>
> Stan from ACOM walked me thru numerous tests via emails but everything came up fine, and it has been fine ever since. I did not have any power failure, but it happened right after I retuned for changes in one of the beams. I think it has something to do with the amp getting commands over the serial line while it was tuning, but I haven't been able to make it happen since.
>
> -Brian n8wrl
> ----- Original Message -----
> From: alsopb
> To: acom-list@yahoogroups.com
> Sent: Sunday, March 17, 2002 4:53 PM
> Subject: [acom-list] Loss of tunings?
>
> Anybody else out there experience a loss of the memorized tuning
> settings?
>
> I thought at first that the memory was lost perhaps due to the battery
> going dead. However, there is no RCU message present. The loss
> occurs over night. If the amp stays on, there is no loss.
>
> All band segments show the correct indication (in my case A1 USR)
>
> Note: At one time, I thought it was the antenna impedance changing

> for unknown reasons. However, the latest occurance happened on all
> bands -- that's five different antennas.
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> Is there another failure mode like bad battery socket or something?
>
> de Brian/K3KO
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796. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 12:41:58 UTC
From: alsopb
Topic: 790 Message: 796

For what it is worth, I tablulated the settings and shut the amp off
for a while.

I then turned it on and looked at the tuning/loading settings. They
were the same for a few segements that were spot checked.

However, the amps power output was way down. Going back to autotuning
and retuning brought the power back up. However, the settings
required to obtain full power were now different. For example 14050
old 82/139 new 84/133 and 28038 45/167 vs 47/160.

I'm begining to think that either the shafts are slipping or the
preset physical settings are not being achieved.

73 de Brian/K3KO

alsopb wrote:
>
> Hi Brian,
>
> Well, it happened again this morning. While I can't completely rule
> out problems with antennas, their SWR appears unchanged.
>
> This morning 40, 20, 15, 12, and 10 m were out of tune. It did result
> in "low gain" trips for some of the bands. On other bands the output
> was just about half normal. 40 m uses a beam, 20,15,10 a quad and 12M
> a separate quad.
>
> I see in the manual there is a way to look at the tune and load
> setting in the "manual tuning" mode. It would be instructive to look
> at these settings when things acted up and compare to the last set of
> values. I have looked at them and they do vary with band segment. So
> perhaps they are the ones last set by the autotune.
>
> 73 de Brian/K3KO
>
> "Brian, N8WRL" wrote:
> >
> > What are the symptoms? From earlier posts I reported a problem with a 'creeping' loss
where all antennas eventually had 'low gain' faults. Re-tuning them fixed it.
> >
> > Stan from ACOM walked me thru numerous tests via emails but everything came up fine,
and it has been fine ever since. I did not have any power failure, but it happened right
after I retuned for changes in one of the beams. I think it has something to do with the
amp getting commands over the serial line while it was tuning, but I haven't been able to
make it happen since.

> >
> > -Brian n8wrl
> > ----- Original Message -----
> > From: alsopb
> > To: acom-list@yahoogroups.com
> > Sent: Sunday, March 17, 2002 4:53 PM
> > Subject: [acom-list] Loss of tunings?
> >
> > Anybody else out there experience a loss of the memorized tuning
> > settings?
> >
> > I thought at first that the memory was lost perhaps due to the battery
> > going dead. However, there is no RCU message present. The loss
> > occurs over night. If the amp stays on, there is no loss.
> >
> > All band segments show the correct indication (in my case A1 USR)
> >
> > Note: At one time, I thought it was the antenna impedance changing
> > for unknown reasons. However, the latest occurance happened on all
> > bands -- that's five different antennas.
> >
> > Is there another failure mode like bad battery socket or something?
> >
> > de Brian/K3KO
> >
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797. Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 12:52:01 UTC
From: Brian, N8WRL
Topic: 790 Message: 797

Some of the things Stan walked me thru included taking various measurements via the RCU to ensure they were in range, etc. Also, he asked me to open the unit up and look to see if perhaps a brown cable that ran from the front to the rear of the unit along the middle vertical wall had gotton hung up or otherwise impeded the motion of one of the vari-caps. Apparently they had a problem before shipping any units where this cable was just lying on the floor and got caught up in the rotors. They've since fastended it down. Nothing - everything looked fine on mine. Stan is very thorough and systematic - a pleasure to work with.

Your symptoms sure sound similar, tho - as I changed bands/segments I would see progressively less gain for the same exciter input, until I got a 'low gain' fault. Retuning that segment brought it right back but later it might happen again. Stan suggested a problem with the mechanicals getting the tune to the right place.

What I ended up doing was unhooking all my serial control stuff, clearing USR memory, and retuning all bands on all antennas. It hasn't happened since.

-Brian n8wrl
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Monday, March 18, 2002 7:19 AM
Subject: Re: [acom-list] Loss of tunings?

Hi Brian,

Well, it happened again this morning. While I can't completely rule out problems with antennas, their SWR appears unchanged.

This morning 40, 20, 15, 12, and 10 m were out of tune. It did result in "low gain" trips for some of the bands. On other bands the output was just about half normal. 40 m uses a beam, 20,15,10 a quad and 12M a separate quad.

I see in the manual there is a way to look at the tune and load setting in the "manual tuning" mode. It would be instructive to look at these settings when things acted up and compare to the last set of values. I have looked at them and they do vary with band segment. So perhaps they are the ones last set by the autotune.

73 de Brian/K3KO

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> Stan from ACOM walked me thru numerous tests via emails but everything came up fine, and it has been fine ever since. I did not have any power failure, but it happened right after I retuned for changes in one of the beams. I think it has something to do with the amp getting commands over the serial line while it was tuning, but I haven't been able to make it happen since.
>
> -Brian n8wrl
> ----- Original Message -----
> From: alsopb
> To: acom-list@yahoogroups.com
> Sent: Sunday, March 17, 2002 4:53 PM
> Subject: [acom-list] Loss of tunings?
>
> Anybody else out there experience a loss of the memorized tuning
> settings?
>
> I thought at first that the memory was lost perhaps due to the battery
> going dead. However, there is no RCU message present. The loss
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> de Brian/K3KO
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798. RE: Re: [acom-list] Loss of tunings?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-18 13:25:37 UTC
From: N2TK
Topic: 794 Message: 798

When I lost power while the Acom was on, I did not lose settings when
powered back up.
Tony
N2TK

-----Original Message-----
From: Jim Idelson [mailto:k1ir@...]
Sent: Monday, March 18, 2002 06:58
To: acom-list@yahoogroups.com
Subject: FWD: Re: [acom-list] Loss of tunings?

In my cq-contest story about our ARRL SSB power glitch the UPS, I mentioned
that the Acoms were not on the UPS, and that both units shutdown when the
power
glitch arrived. Neither of us remember losing memory settings during this
power
problem. I don't think we've discovered the common factor influencing these
tuning memory lapses.

73,

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "Jim White, K4OJ" <k4oj@...>
TO: <acom-list@yahoogroups.com>
DATE: Mon, 18 Mar 2002 01:10:24 -0800

RE: Re: [acom-list] Loss of tunings?

sounds like a nice UPS is called for - of course a 220V unit capable of
backing up a linear might be slightly expensive!

K4OJ

----- Original Message -----
From: "Dave Hawes" <n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 17, 2002 1:02 PM
Subject: Re: [acom-list] Loss of tunings?

> I have seen this too. Had a momentary power blip during ARRL SSB, and it
was
> enough to dump the Acom, but everything else rode through. Upon restart,
all the

> memorized presets had been changed, perhaps back to some factory default.
Took a
> few minutes of off time to reset the tunings.
>
> I'd be interested in a fix for this.
>
> Dave N3RD
>
> On 17 Mar 2002 alsopb wrote:
>
> > Anybody else out there experience a loss of the memorized tuning
> > settings?
> >
> > I thought at first that the memory was lost perhaps due to the battery
> > going dead. However, there is no RCU message present. The loss
> > occurs over night. If the amp stays on, there is no loss.
> >
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> >
> > Note: At one time, I thought it was the antenna impedance changing
> > for unknown reasons. However, the latest occurance happened on all
> > bands -- that's five different antennas.
> >
> > Is there another failure mode like bad battery socket or something?
> >
> > de Brian/K3KO
> >
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799. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-27 16:27:47 UTC
From: K4HW
Topic: 799 Message: 799

Sometimes when I turn on the 2000A at the RCU I get the message "Heater Current Too High 4.5" I turn it on again and it comes up ok. The "Mains" reads 245V from the RCU but a voltmeter shows the power to the amp to be 238 volts. The tap is on 240. The RCU shows the filament voltage at 12.7 volts and the heater currents at 3.7 and 3.8 amps.

Any Ideas?

Many thanks

Hal -K4HW

[Non-text portions of this message have been removed]

800. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-27 16:55:48 UTC
From: Richard Thorne
Topic: 799 Message: 800

Hal:

It may be a set of bad molex connectors on the low voltage power supply board. I had the same type problem and it turned out that the molex connectors were cooked and the tubes were not getting voltage to the fillaments.

Krassy sent me a new set of Amprex (.sp?) connectors which I installed. It was a job though. The connectors are on the bottom board ands it a bear to get to as you have to dissassemble the stack of boards to get to it. But it can be done.

IF this is the problem, I'm sure Krassy will take care of it as he did for me. The only reason I did it myself was to save time with shipping ect. The amp worked fb after the surgery and the problem never came back.

K4HW wrote:

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>
> Any Ideas?
>
> Many thanks
>
> Hal -K4HW
>
> [Non-text portions of this message have been removed]
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--
Richard Thorne
Advo Companies, Inc.
806-342-0600

801. remember to clean your blower filter

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-28 14:27:26 UTC
From: ka7gkn
Topic: 801 Message: 801

Arizona is a dusty state! I pull the filter cover off the rear panel monthly and every two weeks during the summer to remove the dust build up. I went to Fry's electronics and found a metal type particle filter that is more durable than the thin foam we get. I have kept the foam too. but the stress on the foam is less. The metal filter is secured to the plastic cover that pops off. I used 1/4" #4-40 screws so it does not interfere with anything.

I also have tissue paper that floats above the tube chimmneys and they drop to cover them when power is off.
Normal operating temp is between 30-40 C and when transmitting the temp goes as high as 90-110 C
I blow out the filters carefully and replace them.

I have 400+ run hours on it and no problems.

Marty ka7gkn@...

802. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-28 21:41:45 UTC
From: K4HW
Topic: 799 Message: 802

Thanks Richard,

I will see if Krassy will send me a set of those connectors so I can replace them while I have it apart.

73, Hal -K4HW
----- Original Message -----
From: Richard Thorne
To: acom-list@yahoogroups.com
Sent: Wednesday, March 27, 2002 11:55 AM
Subject: Re: [acom-list] Heater Current Too High

Hal:

It may be a set of bad molex connectors on the low voltage power supply board. I had the same type problem and it turned out that the molex connectors were cooked and the tubes were not getting voltage to the fillaments.

Krassy sent me a new set of Amprex (.sp?) connectors which I installed. It was a job though. The connectors are on the bottom board ands it a bear to get to as you have to dissassemble the stack of boards to get to it. But it can be done.

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>
> Any Ideas?
>
> Many thanks
>
> Hal -K4HW
>
> [Non-text portions of this message have been removed]
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803. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-29 15:23:53 UTC
From: k5yg@aol.com
Topic: 799 Message: 803

Do contact Krassy. There could be a more serious problem as well, associated with the Teflon insulation cold flowing in the bias transformer connector.

Intermittent Bias Transformer Connections (Early production units):
Be on the lookout for shutdown with the following error message:

BIAS TOO LOW AT TURNON

Per Krassy, this is bad, real bad! It is an indication of a known problem in early production units. The Teflon insulation cold flows into the bias transformer connector connection, where the wires attach to the connector terminals. These wires have about 1/8" of the Teflon Insulation striped off the end. The wires are not soldered to the connector, they are pressed into the terminals on top of the connector. (not crimped). The fix is soldering the wires to the pins.

Removing the main power and powering back up will clear this fault -- beware though, there is a problem that must be fixed to prevent possible loss of tubes.

Defective Filament Transformer Connector:
Look for a brown spot on the 3rd connector, to the right, on the PC board, behind the Bias Transformer.

My 2000A:
After inspection and finding burn marks on the filament transformer connector, I returned my 2000A to ACOM. Krassy replaced the connector and soldered the bias transformer wires to the connector terminals. He returned the unit to me, at his expense, very quickly.

My amplifier is an early production unit (SN 116), purchased in May 2000.

I am very pleased with my 2000A and the outstanding support from Krassy / ACOM.

73 de Bill, K5YG

804. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-29 16:16:18 UTC
From: K4HW
Topic: 799 Message: 804

I talked to Krassy about the Heater Current message. He assured me that the 2000A I had received last August was after any problems with connectors etc. He said the Mains voltage indication on the RCU should be accurate. So this time I took my Fluke 97 down and measured the power voltage. He was right. Both meters agreed exactly. It is reading 247V today so is a little higher than optimal but should be ok. I think I will ask the power company about it.

Thanks to Richard and Bill for their responses.

73, Hal -K4HW

[Non-text portions of this message have been removed]

805. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-29 16:30:13 UTC
From: Bob Naumann - N5NJ
Topic: 799 Message: 805

Just an FYI, the power company has to keep the 240v line voltage within +/-
10%. That means 216 to 264v.

You're well within that limit.

I expect that you'll see it drop pretty soon once all of your neighbors have
their A/C running full blast.

We may have that happen today here in the Dallas area.

N5NJ

----- Original Message -----
From: "K4HW" <k4hw@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, March 29, 2002 10:16 AM
Subject: Re: [acom-list] Heater Current Too High

> I talked to Krassy about the Heater Current message. He assured me that
the 2000A I had received last August was after any problems with connectors
etc. He said the Mains voltage indication on the RCU should be accurate. So
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>
> Thanks to Richard and Bill for their responses.
>
> 73, Hal -K4HW
>
>
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806. Re: [acom-list] Heater Current Too High

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-29 17:02:46 UTC
From: K4HW
Topic: 799 Message: 806

Thanks for the info Bob. You are right the voltage does wonder around. It is 241V at the moment here. I put a recording volt meter on it so I will see what the peaks and valleys are. I'll let you know what I get in a day or so.

73, Hal -K4HW
----- Original Message -----
From: Bob Naumann - N5NJ
To: acom-list@yahoogroups.com
Sent: Friday, March 29, 2002 11:30 AM
Subject: Re: [acom-list] Heater Current Too High

Just an FYI, the power company has to keep the 240v line voltage within +/- 10%. That means 216 to 264v.

You're well within that limit.

I expect that you'll see it drop pretty soon once all of your neighbors have their A/C running full blast.

We may have that happen today here in the Dallas area.

N5NJ

----- Original Message -----
From: "K4HW" <k4hw@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, March 29, 2002 10:16 AM
Subject: Re: [acom-list] Heater Current Too High

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807. Changes at ACOM International, Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-31 12:53:16 UTC
From: aa1nd@aol.com
Topic: 807 Message: 807

Changes at ACOM International, Inc.

In the past few weeks there has been some changes at ACOM, we moved from our Burlington facility to a new location, the new address and telephone numbers be:

ACOM International, Inc.
71 West Street
Medfield, MA 02052

TEL 508 359 5990
FAX 508 359 5989

Our Email address will remain the same until further notice:
info@...

We are happy to announce that Will Angenent, K6NDV became part of our team and you will be able to address questions to him.

We just received a shipment of ACOM 2000A and ACOM 1000A amplifiers, for a short time we are able to sell these amplifiers from our current stock without waiting.
The long waited for Digital Recorder/Memory Keyer (DigiRec) should be available after Dayton. We do currently have the DVP board in stock, both DigiRec and DVP board are using the same connection cable, available for different brand of radios.
We do have the ACOM 2000 SW/S and the ACOM 2S1 Automatic XCVR commutator in stock.
For more information on one these products and reviews, please visit our WebPages: http://www.hfpower.com

We will be at the Dayton HAMVENTION, our booth number will be 454, the complete KH1 team will be at our booth to give out and sign the QSL cards from their Baker/Howland Dxpedition, co-sponsored by ACOM International, Inc.

Please give us a call or stop by at our booth 454 in Dayton.

Thank you 73,

Krassy Petkov, K1LZ
Will Angenent, K6NDV

808. Heter Voltage Too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2002-03-31 21:21:01 UTC
From: Marcelo
Topic: 808 Message: 808

Hello,

As I switched on my 2000A today I got this message, after some 4 seconds:
Heater Voltage Too Low: 0.00V

Any clues? Line voltage is normal.

S/N is 990145

Thanks and 73's

Marcelo, PY1KN

809. just checking in.....

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-15 01:54:36 UTC
From: ka7gkn
Topic: 809 Message: 809

I have almost 500 hours on the 2000A and aside from cleaning the foam filter in back the unit is perfect. I do admit I usually only run at idle [500w] ha ha but there are times the full 1.5kw is required!

for those of you with log beams this amp is perfect for that type antenna. I use the Sommer XP707 10-40 meters log [type] multiband beam. at 70 feet. I do still require some help from an outboard antenna tuner [atr-30] when on 40 meters since there is so much capacitive reactance... the amp 1:3 ability is at it's limit the actual swr is 2.7 to 3.1 never the less, with the tuner in line with minimal settings the swr drops to 1.3 and the amp sings...

I wonder how come those of you now using the little brother 1000A have not stopped by with comments?

regards to all....Marty ka7gkn@...

810. spare tubes...is it worthwhile?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-26 13:42:28 UTC
From: ka7gkn
Topic: 810 Message: 810

is it worthwhile to purchase a set of spare tubes and have them sit in the closet? I do not see any urgency to do that, in fact I had an AL-80A in operation from 1989 through 2001 and never needed to change the tube. My concern is future availability or cost.

I will go on a limb here and say I estimate 765-1000 hours a year of use, [turned on] no way to calculate actual transmit time. my point is if the tube is rated at 10,000 hours of life keep in mind I run conservative not 1.5kw all the time...the math says a tube life easily of 10 years!

so if I buy a set of tubes and they sit for 10 years will they still be "new" or should I just not worry and save the 200 or so bucks for other ham goodies?

and finally tom's tubes sells a set for about 200 bucks ...are they matched or am I better off buying a set via Acom?

regards, Marty ka7gkn@...

811. Re: [acom-list] spare tubes...is it worthwhile?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-26 14:18:12 UTC
From: K4HW
Topic: 810 Message: 811

Marty,

This is the same issue I have wrestled with. If you get a set of spares you would have to put them in the amp to see if they are ok or wait until you finally need them and find out then when the warranty is out and they are much older anyway. I understand that tubes that have been on the shelf for a long time need a special warm-up procedure done anyway. I suppose the best way would be to rotate them once a year or something. That is a bit of trouble but could be done. Is it worth it? I don't know. As long as the tubes are available at reasonable prices then I can't see it as a problem. I think delivery is likely pretty good on them. Then they are likely to be fresh warranty is good etc. If sometime down the road availability is a problem then we will wish we had spares.

I understand that Tom's tubes are matched and he supplies to some of the amp manufacturers such as Alpha. So he should be a good source. I am sure the ones from Acom are fine also.

73, Hal -K4HW

----- Original Message -----
From: ka7gkn
To: acom-list@yahoogroups.com
Sent: Friday, April 26, 2002 9:42 AM
Subject: [acom-list] spare tubes...is it worthwhile?

is it worthwhile to purchase a set of spare tubes and have them sit in the closet? I do not see any urgency to do that, in fact I had an AL-80A in operation from 1989 through 2001 and never needed to change the tube. My concern is future availability or cost.

I will go on a limb here and say I estimate 765-1000 hours a year of use, [turned on] no way to calculate actual transmit time. my point is if the tube is rated at 10,000 hours of life keep in mind I run conservative not 1.5kw all the time...the math says a tube life easily of 10 years!

so if I buy a set of tubes and they sit for 10 years will they still be "new" or should I just not worry and save the 200 or so bucks for other ham goodies?

and finally tom's tubes sells a set for about 200 bucks ...are they matched or am I better off buying a set via Acom?

regards, Marty ka7gkn@...

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[Non-text portions of this message have been removed]

812. Re: [acom-list] spare tubes...is it worthwhile?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-26 15:36:47 UTC
From: Bruce Osterberg
Topic: 810 Message: 812

Yes Spare tubes are worth while, and yes a procedure is needed if you are not sure of the Vacuum conditions or age of the tubes. On the Svetlana site this procedure is well documented on how to get the tubes set up and matched, especially new tubes. With the current price of $100.00 for two new tubes, from england, plus 18 dollars shipping this is cheap insurance.

73 Bruce N9BX

>From: "K4HW" <k4hw@...>
>Reply-To: acom-list@yahoogroups.com
>To: <acom-list@yahoogroups.com>
>Subject: Re: [acom-list] spare tubes...is it worthwhile?
>Date: Fri, 26 Apr 2002 10:18:12 -0400
>

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[Non-text portions of this message have been removed]

813. Re: [acom-list] spare tubes...is it worthwhile?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-26 19:40:46 UTC
From: K4HW
Topic: 810 Message: 813

Are the $100 tubes from England matched and first quality? That is about half of what they cost over here. Do you have a link to their site?

Also, do you have a link to the aforementioned page on Svetlana's site? For some reason I am presently unable to get on their site.

Many thanks

73, Hal -K4HW
----- Original Message -----
From: Bruce Osterberg
To: acom-list@yahoogroups.com
Sent: Friday, April 26, 2002 11:36 AM
Subject: Re: [acom-list] spare tubes...is it worthwhile?

Yes Spare tubes are worth while, and yes a procedure is needed if you are not sure of the Vacuum conditions or age of the tubes. On the Svetlana site this procedure is well documented on how to get the tubes set up and matched, especially new tubes. With the current price of $100.00 for two new tubes, from england, plus 18 dollars shipping this is cheap insurance.

73 Bruce N9BX

>From: "K4HW" <k4hw@...>
>Reply-To: acom-list@yahoogroups.com
>To: <acom-list@yahoogroups.com>
>Subject: Re: [acom-list] spare tubes...is it worthwhile?
>Date: Fri, 26 Apr 2002 10:18:12 -0400
>

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[Non-text portions of this message have been removed]

814. Re: [acom-list] spare tubes...is it worthwhile?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-04-28 01:06:08 UTC
From: K4HW
Topic: 810 Message: 814

Hey Marty,

Ran across this. http://www.qsl.net/kk5dr/Tubes.html You as well as others might find it interesting.

Hal
----- Original Message -----
From: ka7gkn
To: acom-list@yahoogroups.com
Sent: Friday, April 26, 2002 9:42 AM
Subject: [acom-list] spare tubes...is it worthwhile?

is it worthwhile to purchase a set of spare tubes and have them sit in the closet? I do not see any urgency to do that, in fact I had an AL-80A in operation from 1989 through 2001 and never needed to change the tube. My concern is future availability or cost.

I will go on a limb here and say I estimate 765-1000 hours a year of use, [turned on] no way to calculate actual transmit time. my point is if the tube is rated at 10,000 hours of life keep in mind I run conservative not 1.5kw all the time...the math says a tube life easily of 10 years!

so if I buy a set of tubes and they sit for 10 years will they still be "new" or should I just not worry and save the 200 or so bucks for other ham goodies?

and finally tom's tubes sells a set for about 200 bucks ...are they matched or am I better off buying a set via Acom?

regards, Marty ka7gkn@...

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815. Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-04 05:24:15 UTC
From: putt_1
Topic: 815 Message: 815

Hi Folks

Well, as of a couple of days ago, I'm a proud owner of a new 2000A. I just got it configured here in the shack and all I can say is WOW. It makes running an amp a joy rather than a loud blower, relay clicking experience that it has been in the past.

I do have one question on tube temperatures though. I was working a string of Europeans on 20m CW tonight and was running right around 900w. I noticed that my tube temperature was up around 70 deg C. Is this normal for the tube set in the amp? This is my first experience with the Russian tubes and I want to make sure that everything is fine. The tube temps at idle are in the 35 - 40 deg C range.

Your input would be appreciated.

73/Greg
K9IG

816. Re: [acom-list] Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-04 09:53:22 UTC
From: Valeri Stefanov
Topic: 815 Message: 816

Hi Greg,

It is normal to have around 70 deg C temp while operating continiuosly for couple of hours. Up to 100 deg C is normal and upper limit is 140deg I have been told. I usually have sometimes 90-100 deg when running pile ups in the contest.

73's and see you all from YM3LZ after few weeks in WPX CW.

Wally LZ2CJ&LZ8T & YM3LZ

----- Original Message -----
From: "putt_1" <k9ig@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, May 04, 2002 7:24 AM
Subject: [acom-list] Tube Temps

> Hi Folks
>
> Well, as of a couple of days ago, I'm a proud owner of a new 2000A. I
> just got it configured here in the shack and all I can say is WOW. It
> makes running an amp a joy rather than a loud blower, relay clicking
> experience that it has been in the past.
>
> I do have one question on tube temperatures though. I was working a
> string of Europeans on 20m CW tonight and was running right around
> 900w. I noticed that my tube temperature was up around 70 deg C. Is
> this normal for the tube set in the amp? This is my first experience
> with the Russian tubes and I want to make sure that everything is
> fine. The tube temps at idle are in the 35 - 40 deg C range.
>
> Your input would be appreciated.
>
> 73/Greg
> K9IG
>
>
>
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>

817. Re: Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-04 13:44:04 UTC
From: ka7gkn
Topic: 815 Message: 817

Greg you'll love this amp! I have around 500+ hours of run time on mine. A few comments for you...first off if you experienced an odor comming from the amp not to worry it's just the new amp [car] smell and it takes a few hours to burn off.
do not forget to check the foam filter in the muffin fan on a regular basis it does collect dust.

think about using tissue paper to cover the chimney openings when not in use. This will reduce dust build up in the amp. When the amp is on the tissue paper is lifted out of the way by the blower air pressure. I have the tissue paper cut to cover the tube openings and then tapped to a piece of file folder paper on the side. this provides support for the paper and allows it to flip up when the amp runs.

operating temps at idle you'll experience between 30-40c and when you chat or whatever the temps can go as high as 100c with a typical temp around 70-90c. make a cheat sheet to convert to "F" and you'll realize these tubes like it hot! 40c=104, 70c=158, 100=212
the amp will alarm and shut the tubes down around 150c I think or at 303F...just be sure the amp blower is not blocked and you have good air circulation.

you should consider getting an ICE 330 120-0-120 in house power mains supressor noise and rf filter....think about this for a moment.... most likely you have surge protection on your computer and 120v ham gear, it's just common sense to do the same for your 220v linear and at the cost and electronics on this acom it should be a no brainer to do something ...the ICE 330 costs around 58 bucks and in fect it will protect your whole house. it fits inside your main breaker panel... call them 1-800-423-2666 eham.net has some info but right now ICE has no website that i'm aware of.

enjoy the amp and have lots of contacts....marty ka7gkn@...

--- In acom-list@y..., "putt_1" <k9ig@c...> wrote:
> Hi Folks
>
> Well, as of a couple of days ago, I'm a proud owner of a new 2000A.
I
> just got it configured here in the shack and all I can say is WOW.
It
> makes running an amp a joy rather than a loud blower, relay
clicking
> experience that it has been in the past.
>
> I do have one question on tube temperatures though. I was working

a
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> 900w. I noticed that my tube temperature was up around 70 deg C.
Is
> this normal for the tube set in the amp? This is my first
experience
> with the Russian tubes and I want to make sure that everything is
> fine. The tube temps at idle are in the 35 - 40 deg C range.
>
> Your input would be appreciated.
>
> 73/Greg
> K9IG

818. Re: Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-04 13:45:03 UTC
From: ka7gkn
Topic: 815 Message: 818

Greg you'll love this amp! I have around 500+ hours of run time on mine. A few comments for you...first off if you experienced an odor comming from the amp not to worry it's just the new amp [car] smell and it takes a few hours to burn off.
do not forget to check the foam filter in the muffin fan on a regular basis it does collect dust.

think about using tissue paper to cover the chimney openings when not in use. This will reduce dust build up in the amp. When the amp is on the tissue paper is lifted out of the way by the blower air pressure. I have the tissue paper cut to cover the tube openings and then tapped to a piece of file folder paper on the side. this provides support for the paper and allows it to flip up when the amp runs.

operating temps at idle you'll experience between 30-40c and when you chat or whatever the temps can go as high as 100c with a typical temp around 70-90c. make a cheat sheet to convert to "F" and you'll realize these tubes like it hot! 40c=104, 70c=158, 100=212
the amp will alarm and shut the tubes down around 150c I think or at 303F...just be sure the amp blower is not blocked and you have good air circulation.

you should consider getting an ICE 330 120-0-120 in house power mains supressor noise and rf filter....think about this for a moment....
most likely you have surge protection on your computer and 120v ham gear, it's just common sense to do the same for your 220v linear and at the cost and electronics on this acom it should be a no brainer to do something ...the ICE 330 costs around 58 bucks and in fect it will protect your whole house. it fits inside your main breaker panel...
call them 1-800-423-2666 eham.net has some info but right now ICE has no website that i'm aware of.

enjoy the amp and have lots of contacts....marty ka7gkn@...

--- In acom-list@y..., "putt_1" <k9ig@c...> wrote:
> Hi Folks
>
> Well, as of a couple of days ago, I'm a proud owner of a new 2000A.
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> just got it configured here in the shack and all I can say is WOW.
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> experience that it has been in the past.
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> I do have one question on tube temperatures though. I was working

a
> string of Europeans on 20m CW tonight and was running right around
> 900w. I noticed that my tube temperature was up around 70 deg C.
Is
> this normal for the tube set in the amp? This is my first
experience
> with the Russian tubes and I want to make sure that everything is
> fine. The tube temps at idle are in the 35 - 40 deg C range.
>
> Your input would be appreciated.
>
> 73/Greg
> K9IG

819. SV: [acom-list] Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-04 07:26:01 UTC
From: Rune Wande
Topic: 819 Message: 819

Hi Greg!
I guess you will receive many answers!
Anyway, I have been
using my amp since December 1998.
The display shows three bars (roughly 30-35 degrees C)
idling temp and I seldom get a reading over 70 C while
running the amp. The reason for that is that I usually do not
run much over a kW. I understand that those running "full power"
get higher temperature readings and that is normal. It is not necessary to
buy the extra fan unless you run RTTY and such modes
with high power!
Your readings of the temperature seem quite normal.
73 de Rune
SM5COP

-----Ursprungligt meddelande-----
Från: putt_1 <k9ig@...>
Till: acom-list@yahoogroups.com <acom-list@yahoogroups.com>
Datum: den 4 maj 2002 07:24
Ämne: [acom-list] Tube Temps

>Hi Folks
>
>Well, as of a couple of days ago, I'm a proud owner of a new 2000A. I
>just got it configured here in the shack and all I can say is WOW. It
>makes running an amp a joy rather than a loud blower, relay clicking
>experience that it has been in the past.
>
>I do have one question on tube temperatures though. I was working a
>string of Europeans on 20m CW tonight and was running right around
>900w. I noticed that my tube temperature was up around 70 deg C. Is
>this normal for the tube set in the amp? This is my first experience
>with the Russian tubes and I want to make sure that everything is
>fine. The tube temps at idle are in the 35 - 40 deg C range.
>
>Your input would be appreciated.
>
>73/Greg
>K9IG
>
>
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820. ref; ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 11:47:20 UTC
From: William F. Beyer Jr.
Topic: 820 Message: 820

Any NEWS about the Acom 1000 amp?
Any PRO or CON with unit?

How is it, using the LCD display?

On the wait list as of now.
--
*See you in the pileups!

William/N2WB

821. Re: Tube Temps

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 12:11:33 UTC
From: putt_1
Topic: 815 Message: 821

To all that replied...thanks!

It looks like the temps are in the normal range and these tubes run a bit more hot compared to what I've had in the past. For those who asked, my amp came with the extra fan behind the transformer.

Thanks again!

Greg
K9IG

--- In acom-list@y..., "Valeri Stefanov" <wally@e...> wrote:
> Hi Greg,
>
> It is normal to have around 70 deg C temp while operating continiuosly for
> couple of hours. Up to 100 deg C is normal and upper limit is 140deg I have
> been told. I usually have sometimes 90-100 deg when running pile ups in the
> contest.
>
> 73's and see you all from YM3LZ after few weeks in WPX CW.
>
> Wally LZ2CJ&LZ8T & YM3LZ
>
>
> ----- Original Message -----
> From: "putt_1" <k9ig@c...>
> To: <acom-list@y...>
> Sent: Saturday, May 04, 2002 7:24 AM
> Subject: [acom-list] Tube Temps
>
>
> > Hi Folks
> >
> > Well, as of a couple of days ago, I'm a proud owner of a new 2000A. I
> > just got it configured here in the shack and all I can say is WOW. It
> > makes running an amp a joy rather than a loud blower, relay clicking
> > experience that it has been in the past.
> >
> > I do have one question on tube temperatures though. I was working a

> > string of Europeans on 20m CW tonight and was running right around
> > 900w. I noticed that my tube temperature was up around 70 deg C.
Is
> > this normal for the tube set in the amp? This is my first
experience
> > with the Russian tubes and I want to make sure that everything is
> > fine. The tube temps at idle are in the 35 - 40 deg C range.
> >
> > Your input would be appreciated.
> >
> > 73/Greg
> > K9IG
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822. Re: [acom-list] ref; ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 12:28:01 UTC
From: Bob Naumann - N5NJ
Topic: 820 Message: 822

William,

I used one last fall at V26B on 15 meters and it worked perfectly.

Very smooth operation and easy tune-up. Over 1000 watts out no problem.
The LCD is particularly nice and give you all kinds of operational data.

The real nice part was all you need to do is take it out of the box, put on
an AC plug, and turn it on - it's ready to operate as it comes in the box.
No assembly required.

I'm on the list too. I'm very anxious to try it out on 6 meters.

73,
Bob N5NJ

----- Original Message -----
From: "William F. Beyer Jr." <n2wb@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, May 05, 2002 6:47 AM
Subject: [acom-list] ref; ACOM 1000

>
> Any NEWS about the Acom 1000 amp?
> Any PRO or CON with unit?
>
> How is it, using the LCD display?
>
> On the wait list as of now.
> --
> *See you in the pileups!
>
> William/N2WB
>
>
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823. Re: [acom-list] ref; ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 13:19:49 UTC
From: Mike73@aol.com
Topic: 820 Message: 823

In a message dated 5/5/02 8:33:07 AM Eastern Daylight Time, n5nj@...
writes:

> Very smooth operation and easy tune-up. Over 1000 watts out no problem.
> The LCD is particularly nice and give you all kinds of operational data.

I have serial # 000001 here that I received at the beginning of last year.
It's been used extensively on 6M and has done a few HF contests. So far
absolutely no problems.

I find the LCD viewing angle a little tight, but not really a problem. Great
amp!

73,
Mike, N1JEZ
FN34im
"A closed mouth gathers no feet."

824. Re: [acom-list] ref; ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 14:01:01 UTC
From: William F. Beyer Jr.
Topic: 820 Message: 824

Bob Naumann - N5NJ wrote:

> William,
>
> I used one last fall at V26B on 15 meters and it worked perfectly.
>
> Very smooth operation and easy tune-up. Over 1000 watts out no problem.
> The LCD is particularly nice and give you all kinds of operational data.
>
> The real nice part was all you need to do is take it out of the box, put on
> an AC plug, and turn it on - it's ready to operate as it comes in the box.
> No assembly required.
>
> I'm on the list too. I'm very anxious to try it out on 6 meters.
>
> 73,
> Bob N5NJ
>

Thanks so much for the info Bob.

73
Bill/N2WB

825. Re: [acom-list] ref; ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-05 14:14:33 UTC
From: Barry
Topic: 820 Message: 825

Bill,
You may also want to check the product reviews eham.net (direct link
http://www.eham.net/reviews/detail/1694). Looks like 100% glowing
reports (no pun intended) for the 1000.
Barry W2UP

On 5 May 2002 William F. Beyer Jr. wrote:

>
>
> Bob Naumann - N5NJ wrote:
>
> > William,
> >
> I used one last fall at V26B on 15 meters and it worked perfectly.
> >
> > Very smooth operation and easy tune-up. Over 1000 watts out no problem.
> > The LCD is particularly nice and give you all kinds of operational data.
> >
> > The real nice part was all you need to do is take it out of the box, put on
> > an AC plug, and turn it on - it's ready to operate as it comes in the box.
> > No assembly required.
> >
> > I'm on the list too. I'm very anxious to try it out on 6 meters.
> >
> > 73,
> > Bob N5NJ
> >
>
>
>
> Thanks so much for the info Bob.
>
> 73
> Bill/N2WB
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

826. at dayton ask about name of paint...

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-16 14:54:43 UTC
From: ka7gkn
Topic: 826 Message: 826

For anyone visiting the Acom booth at DAYTON, please see if any info on the 2000A paint color is attainable.
Like the specific name or color...
I have a TINY that's T I N Y !!! scratch on my RCU and it's driving me nuts! [hey I'm a virgo] I have yet to pull the RCU and go to a model/craft store to match paint.
so it's not that big of a deal, however, if anyone knows where I can get a small bottle of the paint or a model paint name to match I'd appreciate it

regards, Marty ka7gkn@...

827. Re: [acom-list] at dayton ask about name of paint...

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-17 05:53:08 UTC
From: Philippe Vandekerckhove
Topic: 826 Message: 827

Hi,

I fully understand, a baby likt that hs to be in exellent shape, HI.
I take the dust off mine daily !

ON4VP
www.2die4.be

----- Original Message -----
From: ka7gkn
To: acom-list@yahoogroups.com
Sent: Thursday, May 16, 2002 4:54 PM
Subject: [acom-list] at dayton ask about name of paint...

For anyone visiting the Acom booth at DAYTON, please see if any info
on the 2000A paint color is attainable.
Like the specific name or color...
I have a TINY that's T I N Y !!! scratch on my RCU and it's
driving me nuts! [hey I'm a virgo] I have yet to pull the RCU and go
to a model/craft store to match paint.
so it's not that big of a deal, however, if anyone knows where I can
get a small bottle of the paint or a model paint name to match I'd
appreciate it

regards, Marty ka7gkn@...

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828. Acom2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-05-28 10:52:29 UTC
From: iz5cml
Topic: 828 Message: 828

Hi, i'm writing for a good friend of mine
Massimo IZ5ASZ :

i have a problem with my new Acom2000A :

sometimes when change from a band to another the PA
goes in protection, on the display appears this error
message : " Band switch malfunction " and then the
amplifier turn off itself.

After about 5 minutes , i turn on again the PA and sometimes
start without problems, but most of the times after the count down
appears the same script : " Band switch malfunction ", and
turn off again.

I'm using a FT-1000MP Mark V and TH11DXs.

Any suggestion ??

Thanks and 73 de IZ5ASZ Massimo.

829. technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 14:19:22 UTC
From: ka7gkn
Topic: 829 Message: 829

The other evening I was looking at my Acom 2000A documentation. The service manual, and exhibit-4 schematics, I also have the website internal photos. I stopped to wonder do I have all the documentation?

I recall last year when I ordered my amp I had difficulty with a font on the CD and could not open the thing up.

So...my querry to the 2000A group...

What does the complete technical manual look like -or- is that indeed just the 43 pages of schematics...If so, specific instructions like tube replacement, specific adjustments, are missing. I know when we need techy help Krassy responds in a timely manner with very good instructions...my concern is what happens after Krassy???? I'd rather have the back up of complete service/techy stuff on paper in a notebook just in case..
My user manual says "exhibit-7" the schematics say "exhibit-4"
what are exhibits 1,2,3,5,6???????
thanks,

Marty ka7gkn@...

p.s. one more question...anyone actually using the optional muffin fan???

830. RE: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 15:00:28 UTC
From: N2TK
Topic: 829 Message: 830

I can answer your P.S. Yes I have the optional muffin fan. Don?t know if I need it. Don?t do RTTY. I cut up a high quality furnace filter into pieces that fit over the fan. This helps trap any dirt going into the amp. My amp is remoted in the basement. Usually it is on. I change the filter every 6 months ? it is black by then. But the inside of the amp is clean.

Tony
N2TK

-----Original Message-----
From: ka7gkn [mailto:ka7gkn@...]
Sent: Wednesday, June 05, 2002 10:19
To: acom-list@yahoogroups.com
Subject: [acom-list] technical manual ?

The other evening I was looking at my Acom 2000A documentation. The service manual, and exhibit-4 schematics, I also have the website internal photos. I stopped to wonder do I have all the documentation?

I recall last year when I ordered my amp I had difficulty with a font on the CD and could not open the thing up.

So...my querry to the 2000A group...

What does the complete technical manual look like -or- is that indeed just the 43 pages of schematics...If so, specific instructions like tube replacement, specific adjustments, are missing. I know when we need techy help Krassy responds in a timely manner with very good instructions...my concern is what happens after Krassy???? I'd rather have the back up of complete service/techy stuff on paper in a notebook just in case..
My user manual says "exhibit-7" the schematics say "exhibit-4"
what are exhibits 1,2,3,5,6???????
thanks,

Marty ka7gkn@...

p.s. one more question...anyone actually using the optional muffin fan???

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[Non-text portions of this message have been removed]

831. Re: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 15:23:23 UTC
From: Barry
Topic: 829 Message: 831

Marty,
I use the extra fan, as I do RTTY contesting.
Yes, access to the technical manual would be nice. Last time I inquired
(about 2 years ago) I was told it wasn't yet translated into English.
Barry W2UP

On 5 Jun 2002 ka7gkn wrote:

> The other evening I was looking at my Acom 2000A documentation. The
> service manual, and exhibit-4 schematics, I also have the website
> internal photos. I stopped to wonder do I have all the documentation?
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> I recall last year when I ordered my amp I had difficulty with a font
> on the CD and could not open the thing up.
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> So...my querry to the 2000A group...
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> tube replacement, specific adjustments, are missing. I know when we
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> instructions...my concern is what happens after Krassy???? I'd rather
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> notebook just in case..
> My user manual says "exhibit-7" the schematics say "exhibit-4"
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--
Barry Kutner, W2UP Internet: w2up@...

Newtown, PA Frankford Radio Club

832. Re: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 15:44:37 UTC
From: alsopb
Topic: 829 Message: 832

I wasn't aware of the fact that skematics needed translation.

I have wanted a full set for two years now. It might have saved one
trip back to ACOM.

Krassy was kind enough to try and send me selected skematics.
However, due to various I-net problems somewhere most of them never
made it here.

73 DE Brian/K3KO

Barry wrote:
>
> Marty,
> I use the extra fan, as I do RTTY contesting.
> Yes, access to the technical manual would be nice. Last time I inquired
> (about 2 years ago) I was told it wasn't yet translated into English.
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> > service manual, and exhibit-4 schematics, I also have the website
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833. Re: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 17:15:38 UTC
From: Brian, N8WRL
Topic: 829 Message: 833

I've gotten two 'technical CDROM's from ACOM, one from Krassy and one direct from Bulgaria. One of them has a 36 page .pdf file with fifteen different schematics in it - CPU, Exhause Air Temp Sensor, Motor position opto sensor, etc. There is even a schematic for a 'long' RCU cable. There are PCB board diagrams, etc.

I hope I'm not getting anyone into trouble here - I assumed they were readily available as I just asked for it. Odd that there are two different ones tho... The other looks more like advertising copy, images, etc. plus some formats I can't open (.P65?)

73!

-Brian n8wrl
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Wednesday, June 05, 2002 11:44 AM
Subject: Re: [acom-list] technical manual ?

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I have wanted a full set for two years now. It might have saved one
trip back to ACOM.

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However, due to various I-net problems somewhere most of them never
made it here.

73 DE Brian/K3KO

Barry wrote:
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> Yes, access to the technical manual would be nice. Last time I inquired
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> Barry W2UP
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> > internal photos. I stopped to wonder do I have all the documentation?
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834. RE: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-05 19:10:21 UTC
From: N2TK
Topic: 829 Message: 834

Maybe Krassy can be talked into having the manuals, instruction, schematics, etc on their web site? At least then we would have a common area for all of us.
Tony
N2TK

-----Original Message-----
From: Brian, N8WRL [mailto:n8wrl@...]
Sent: Wednesday, June 05, 2002 13:16
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] technical manual ?

I've gotten two 'technical CDROM's from ACOM, one from Krassy and one direct from Bulgaria. One of them has a 36 page .pdf file with fifteen different schematics in it - CPU, Exhause Air Temp Sensor, Motor position opto sensor, etc. There is even a schematic for a 'long' RCU cable. There are PCB board diagrams, etc.

I hope I'm not getting anyone into trouble here - I assumed they were readily available as I just asked for it. Odd that there are two different ones tho... The other looks more like advertising copy, images, etc. plus some formats I can't open (.P65?)

73!

-Brian n8wrl
----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Wednesday, June 05, 2002 11:44 AM
Subject: Re: [acom-list] technical manual ?

I wasn't aware of the fact that skematics needed translation.

I have wanted a full set for two years now. It might have saved one trip back to ACOM.

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> On 5 Jun 2002 ka7gkn wrote:
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835. Re: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-06 19:58:58 UTC
From: K4HW
Topic: 829 Message: 835

Tony,

I have my 2000A remoted in the basement also. I love that arrangement! I was wondering how long your cable is to the RCU and is it a buffered cable. Mine is about 30 feet long. I made up a cable myself but Krassy says I should use their buffered cable. The problem is that I have had it on order for over a year and have not been able to get it. No problems with my cable though.

Anyone else remoting their 2000A over any distance?

73, Hal -K4HW

----- Original Message -----
From: "N2TK" <tony.kaz@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, June 05, 2002 11:00 AM
Subject: RE: [acom-list] technical manual ?

I can answer your P.S. Yes I have the optional muffin fan. Don't know if I need it. Don't do RTTY. I cut up a high quality furnace filter into pieces that fit over the fan. This helps trap any dirt going into the amp. My amp is remoted in the basement. Usually it is on. I change the filter every 6 months - it is black by then. But the inside of the amp is clean.

Tony
N2TK

-----Original Message-----
From: ka7gkn [mailto:ka7gkn@...]
Sent: Wednesday, June 05, 2002 10:19
To: acom-list@yahoogroups.com
Subject: [acom-list] technical manual ?

The other evening I was looking at my Acom 2000A documentation. The service manual, and exhibit-4 schematics, I also have the website internal photos. I stopped to wonder do I have all the documentation?

I recall last year when I ordered my amp I had difficulty with a font on the CD and could not open the thing up.

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what are exhibits 1,2,3,5,6???????
thanks,

Marty ka7gkn@...

p.s. one more question...anyone actually using the optional muffin
fan???

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836. RE: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-07 12:18:03 UTC
From: N2TK
Topic: 829 Message: 836

My buffered extension cable is about 15? long. I got it from Krassy.
Well, if your cable works, I?m not sure what you would benefit form t a
buffered cable?
Tony
N2TK

-----Original Message-----
From: K4HW [mailto:k4hw@arrl.net]
Sent: Thursday, June 06, 2002 15:59
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] technical manual ?

Tony,

I have my 2000A remoted in the basement also. I love that arrangement! I was
wondering how long your cable is to the RCU and is it a buffered cable. Mine
is about 30 feet long. I made up a cable myself but Krassy says I should use
their buffered cable. The problem is that I have had it on order for over a
year and have not been able to get it. No problems with my cable though.

Anyone else remoting their 2000A over any distance?

73, Hal -K4HW

----- Original Message -----
From: "N2TK" <tony.kaz@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, June 05, 2002 11:00 AM
Subject: RE: [acom-list] technical manual ?

I can answer your P.S. Yes I have the optional muffin fan. Don't know if I
need it. Don't do RTTY. I cut up a high quality furnace filter into pieces
that fit over the fan. This helps trap any dirt going into the amp. My amp
is remoted in the basement. Usually it is on. I change the filter every 6
months - it is black by then. But the inside of the amp is clean.

Tony
N2TK

-----Original Message-----
From: ka7gkn [mailto:ka7gkn@...]
Sent: Wednesday, June 05, 2002 10:19
To: acom-list@yahoogroups.com
Subject: [acom-list] technical manual ?

The other evening I was looking at my Acom 2000A documentation. The
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837. Re: technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-07 16:22:52 UTC
From: dickgreen03755
Topic: 829 Message: 837

I could easily put my Acom 2000A in the basement -- everything including 220VAC comes up from the basement to the shack through a couple of big holes in the floor. But the amp is so darned quiet I haven't taken the trouble to do it. It's on the floor under a table about 4 or 5 feet from the operating position. The blower is barely a whisper and I can't hear it with headphones on (my amp has the newer blower.) Besides, the blower in my 87A and intermitent fan in my FT-1000D dominate the ambient noise.

73, Dick WC1M

--- In acom-list@y..., "K4HW" <k4hw@a...> wrote:
> Tony,
>
> I have my 2000A remoted in the basement also. I love that arrangement! I was
> wondering how long your cable is to the RCU and is it a buffered cable. Mine
> is about 30 feet long. I made up a cable myself but Krassy says I should use
> their buffered cable. The problem is that I have had it on order for over a
> year and have not been able to get it. No problems with my cable though.
>
> Anyone else remoting their 2000A over any distance?
>
> 73, Hal -K4HW
>
>
> ----- Original Message -----
> From: "N2TK" <tony.kaz@v...>
> To: <acom-list@y...>
> Sent: Wednesday, June 05, 2002 11:00 AM
> Subject: RE: [acom-list] technical manual ?
>
>
> I can answer your P.S. Yes I have the optional muffin fan. Don't know if I
> need it. Don't do RTTY. I cut up a high quality furnace filter into pieces
> that fit over the fan. This helps trap any dirt going into the amp. My amp
> is remoted in the basement. Usually it is on. I change the filter every 6

> months - it is black by then. But the inside of the amp is clean.
>
> Tony
> N2TK
>
> -----Original Message-----
> From: ka7gkn [mailto:ka7gkn@a...]
> Sent: Wednesday, June 05, 2002 10:19
> To: acom-list@y...
> Subject: [acom-list] technical manual ?
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> The other evening I was looking at my Acom 2000A documentation. The
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838. Re: [acom-list] technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-07 16:36:33 UTC
From: K4HW
Topic: 829 Message: 838

You are probably right. But Krassy thought it might be better to have it. So I ordered it about a year ago when I ordered the amp. Oh well... About six months ago he offered to send the money back for the cable but I said I would just wait and see if it comes. That way I will have it should any trouble come up. Well no trouble has come up and neither has the cable. Perhaps I will give him a call.

Hal
K4HW

----- Original Message -----
From: "N2TK" <tony.kaz@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, June 07, 2002 8:18 AM
Subject: RE: [acom-list] technical manual ?

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N2TK

-----Original Message-----
From: K4HW [mailto:k4hw@...]
Sent: Thursday, June 06, 2002 15:59
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] technical manual ?

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To: acom-list@yahoogroups.com
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839. Re: [acom-list] Re: technical manual ?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-07 16:40:17 UTC
From: K4HW
Topic: 829 Message: 839

You are right Dick. It is quiet. I didn't have 220 in the shack and it is sort of warm up here at times so I thought the amp would be happier down where it is nice and cool. Besides, this way I didn't have to carry it up two flights of stairs.

73, Hal

----- Original Message -----
From: dickgreen03755
To: acom-list@yahoogroups.com
Sent: Friday, June 07, 2002 12:22 PM
Subject: [acom-list] Re: technical manual ?

I could easily put my Acom 2000A in the basement -- everything including 220VAC comes up from the basement to the shack through a couple of big holes in the floor. But the amp is so darned quiet I haven't taken the trouble to do it. It's on the floor under a table about 4 or 5 feet from the operating position. The blower is barely a whisper and I can't hear it with headphones on (my amp has the newer blower.) Besides, the blower in my 87A and intermitent fan in my FT-1000D dominate the ambient noise.

73, Dick WC1M

--- In acom-list@y..., "K4HW" <k4hw@a...> wrote:
> Tony,
>
> I have my 2000A remoted in the basement also. I love that arrangement! I was
> wondering how long your cable is to the RCU and is it a buffered cable. Mine
> is about 30 feet long. I made up a cable myself but Krassy says I should use
> their buffered cable. The problem is that I have had it on order for over a
> year and have not been able to get it. No problems with my cable though.
>
> Anyone else remoting their 2000A over any distance?
>
> 73, Hal -K4HW
>
>
> ----- Original Message -----
> From: "N2TK" <tony.kaz@v...>
> To: <acom-list@y...>
> Sent: Wednesday, June 05, 2002 11:00 AM

> Subject: RE: [acom-list] technical manual ?
>
>
> I can answer your P.S. Yes I have the optional muffin fan. Don't
know if I
> need it. Don't do RTTY. I cut up a high quality furnace filter into
pieces
> that fit over the fan. This helps trap any dirt going into the amp.
My amp
> is remoted in the basement. Usually it is on. I change the filter
every 6
> months - it is black by then. But the inside of the amp is clean.
>
> Tony
> N2TK
>
> -----Original Message-----
> From: ka7gkn [mailto:ka7gkn@a...]
> Sent: Wednesday, June 05, 2002 10:19
> To: acom-list@y...
> Subject: [acom-list] technical manual ?
>
> The other evening I was looking at my Acom 2000A documentation. The
> service manual, and exhibit-4 schematics, I also have the website
> internal photos. I stopped to wonder do I have all the
documentation?
>
> I recall last year when I ordered my amp I had difficulty with a
font
> on the CD and could not open the thing up.
>
> So...my querry to the 2000A group...
>
> What does the complete technical manual look like -or- is that
indeed
> just the 43 pages of schematics...If so, specific instructions like
> tube replacement, specific adjustments, are missing. I know when we
> need techy help Krassy responds in a timely manner with very good
> instructions...my concern is what happens after Krassy???? I'd
rather
> have the back up of complete service/techy stuff on paper in a
> notebook just in case..
> My user manual says "exhibit-7" the schematics say "exhibit-4"
> what are exhibits 1,2,3,5,6???????
> thanks,
>
> Marty ka7gkn@a...
>
>
> p.s. one more question...anyone actually using the optional muffin

> fan???
>
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[Non-text portions of this message have been removed]

840. Backup battery life?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-07 17:07:38 UTC
From: Brian, N8WRL
Topic: 840 Message: 840

Does anyone know how long the backup battery should last to remember tuning settings, etc? When I am going to be away for a while I'm in the habit of unplugging the amp even though it goes thru an ICE suppressor. I assume the backup battery take over then - any idea how long I can get away with this before having to replace the battery?

Thanks es 73!

-Brian n8wrl

[Non-text portions of this message have been removed]

841. Re: Backup battery life?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-09 13:24:22 UTC
From: ka7gkn
Topic: 840 Message: 841

Hi Brian, just a guess here. The battery is a lithium type...with a life of around 5 years. Since the battery has no charging circuit and since it's not a rechargeable type, I'd say the battery will last around 5 years +/- just like the lithium batteries in our other ham gear. So, if you unplug the amp and leave it sit 6 months I'd bet the battery will keep the memory, If you get a low battery display in the RCU then you need to replace it...I guess the better question is..during the replacement process will the memory be instantly lost? or do I have a few seconds to remove and install without damage or loss of memory?
Again the operating manual, see section 6-2, referes us to the technical supplement for specific details well....I still ask the question What technical supplement? all I have is schematics???

regards, Marty ka7gkn@...

--- In acom-list@y..., "Brian, N8WRL" <n8wrl@a...> wrote:
> Does anyone know how long the backup battery should last to remember tuning settings, etc? When I am going to be away for a while I'm in the habit of unplugging the amp even though it goes thru an ICE suppressor. I assume the backup battery take over then - any idea how long I can get away with this before having to replace the battery?
>
> Thanks es 73!
>
> -Brian n8wrl
>
>
> [Non-text portions of this message have been removed]

842. Re: [acom-list] Re: Backup battery life?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-09 13:36:02 UTC
From: Brian, N8WRL
Topic: 840 Message: 842

Hi Marty!

Thanks for the info - that sounds very reasonable. As for whether there is time to change the battery before amnesia sets in, I haven't a clue. Either way, replacing a dead battery is a lot less expensive than replacing a fried amp so I think I'll keep it unplugged while I'm gone.

Thanks again!

-Brian n8wrl
----- Original Message -----
From: ka7gkn
To: acom-list@yahoogroups.com
Sent: Sunday, June 09, 2002 9:24 AM
Subject: [acom-list] Re: Backup battery life?

Hi Brian, just a guess here. The battery is a lithium type...with a life of around 5 years. Since the battery has no charging circuit and since it's not a rechargeable type, I'd say the battery will last around 5 years +/- just like the lithium batteries in our other ham gear. So, if you unplug the amp and leave it sit 6 months I'd bet the battery will keep the memory, If you get a low battery display in the RCU then you need to replace it...I guess the better question is..during the replacement process will the memory be instantly lost? or do I have a few seconds to remove and install without damage or loss of memory?
Again the operating manual, see section 6-2, referes us to the technical supplement for specific details well....I still ask the question What technical supplement? all I have is schematics???

regards, Marty ka7gkn@...

--- In acom-list@y..., "Brian, N8WRL" <n8wrl@a...> wrote:
> Does anyone know how long the backup battery should last to remember tuning settings, etc? When I am going to be away for a while I'm in the habit of unplugging the amp even though it goes thru an ICE suppressor. I assume the backup battery take over then - any idea how long I can get away with this before having to replace the battery?
>
> Thanks es 73!
>
> -Brian n8wrl
>
>
> [Non-text portions of this message have been removed]

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843. UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-15 15:03:48 UTC
From: ka7gkn
Topic: 843 Message: 843

Hi gang ...I'm not sure what's going on. 615 run hours on the 2000A
and I was singing praises...yesterday as I was chatting on 14.178 the
amp shut off! well I then did the off for 5 min. ran through whatever
I could see on the rcu. all radio parameters and operating is as
always so nothing new.
I don't see anything obvious in the manual about "total power off"
Today I tried again...hoping for a self healing problem. it occured
again. I erased my user memory and redid it no change,
I do not have the "technical manual" that is refered to while trying
to figure out what's going on.

My 220 line is stable [240v actually], all cables good, tight, proper.

I am unable to attach the amp to my computer..to read the info box
data.
So...anyone out there have or having a similar experience please
contact me right away hopefully this will be an easy fix.

thanks... Marty ka7gkn@...

844. Re: [acom-list] UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-15 16:33:35 UTC
From: Jim
Topic: 843 Message: 844

Marty, did a fault show on RCU? or when you say shut down do you mean it
just totally went off like you unplugged the power cord?

73 de KE4WY Jim ((2000A ...18 months and going strong))

----- Original Message -----
From: "ka7gkn" <ka7gkn@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 15, 2002 11:03 AM
Subject: [acom-list] UH-OH unit is shutting down by itself! HELP!!!

Hi gang ...I'm not sure what's going on. 615 run hours on the 2000A
and I was singing praises...yesterday as I was chatting on 14.178 the
amp shut off! well I then did the off for 5 min. ran through whatever
I could see on the rcu. all radio parameters and operating is as
always so nothing new.
I don't see anything obvious in the manual about "total power off"
Today I tried again...hoping for a self healing problem. it occured
again. I erased my user memory and redid it no change,
I do not have the "technical manual" that is refered to while trying
to figure out what's going on.

My 220 line is stable [240v actually], all cables good, tight, proper.

I am unable to attach the amp to my computer..to read the info box
data.
So...anyone out there have or having a similar experience please
contact me right away hopefully this will be an easy fix.

thanks... Marty ka7gkn@...

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845. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-15 22:52:37 UTC
From: ka7gkn
Topic: 843 Message: 845

-Jim it just shut off...it went from lit rcu showing the normal temp
and freq etc. when I keyed the mic to talk it went off the amp shut
down to the acom logo display standby/off mode. The box main switch
is still lit on and that's all, no error or fault indications what so
ever. I ran it again and looked at what static/non tranmitted
parameters I can see in the measure mode and all looked ok....
start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a
both, hv=2.67kv, fil-12.5,
615 hours, software ver 4.5 I did not transmit to read other
parameters since their values change as drive power changes.

all connectors are secure and proper. no coax or other problems,
nothing new to rf system since I set up the amp.

When I key the mic or key down a tone I send 20-25 watts to the amp
so I'm no where near over driving the thing!

right now I have that emotional knot in my gut totally bewildered to
what's happening and what do I need to do to fix it. I sent krassy a
note and likely first thing Monday I'll call Acom!
I sure hope it will be a known failure...and something I can
accomplish here SAFELY and quickly...I'm intimidated by HV!!!!
regards, Jim and any other input from you will be appreciated.

oh,oh no lightning or emi strikes near here only 108-110 degree and
10-13% humidity...
Marty ka7gkn@...

-- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> Marty, did a fault show on RCU? or when you say shut down do you
mean it
> just totally went off like you unplugged the power cord?
>
> 73 de KE4WY Jim ((2000A ...18 months and going strong))
>
> ----- Original Message -----
> From: "ka7gkn" <ka7gkn@a...>
> To: <acom-list@y...>
> Sent: Saturday, June 15, 2002 11:03 AM
> Subject: [acom-list] UH-OH unit is shutting down by itself! HELP!!!
>
>
> Hi gang ...I'm not sure what's going on. 615 run hours on the 2000A
> and I was singing praises...yesterday as I was chatting on 14.178
the
> amp shut off! well I then did the off for 5 min. ran through

whatever
> I could see on the rcu. all radio parameters and operating is as
> always so nothing new.
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> Today I tried again...hoping for a self healing problem. it occured
> again. I erased my user memory and redid it no change,
> I do not have the "technical manual" that is refered to while trying
> to figure out what's going on.
>
> My 220 line is stable [240v actually], all cables good, tight,
proper.
>
> I am unable to attach the amp to my computer..to read the info box
> data.
> So...anyone out there have or having a similar experience please
> contact me right away hopefully this will be an easy fix.
>
>
> thanks... Marty ka7gkn@a...
>
>
>
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846. Re: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-15 23:14:31 UTC
From: alsopb
Topic: 843 Message: 846

I've suffered the amp doing this when the mains drop out for a
fraction of a second. By the time you figure out what happened, you
end up waiting the entire delay time during restart.

Perhaps this isn't your problem. However, it is a pain-- especially
during contests with earphones on (you don't know it dropped out).
This kind of problem for the computer was solved by a UPS. Imagine
the UPS required for the ACOM!

There needs to be some kind mod made so that the amp rides out
momentary power line drop outs-- in my opinion. I don't know how
DXpeditions and those with poor power line reliability live with this.

73 de Brian/K3KO

ka7gkn wrote:
>
> -Jim it just shut off...it went from lit rcu showing the normal temp
> and freq etc. when I keyed the mic to talk it went off the amp shut
> down to the acom logo display standby/off mode. The box main switch
> is still lit on and that's all, no error or fault indications what so
> ever. I ran it again and looked at what static/non tranmitted
> parameters I can see in the measure mode and all looked ok....
> start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a
> both, hv=2.67kv, fil-12.5,
> 615 hours, software ver 4.5 I did not transmit to read other
> parameters since their values change as drive power changes.
>
> all connectors are secure and proper. no coax or other problems,
> nothing new to rf system since I set up the amp.
>
> When I key the mic or key down a tone I send 20-25 watts to the amp
> so I'm no where near over driving the thing!
>
> right now I have that emotional knot in my gut totally bewildered to
> what's happening and what do I need to do to fix it. I sent krassy a
> note and likely first thing Monday I'll call Acom!
> I sure hope it will be a known failure...and something I can
> accomplish here SAFELY and quickly...I'm intimidated by HV!!!!
> regards, Jim and any other input from you will be appreciated.
>
> oh,oh no lightning or emi strikes near here only 108-110 degree and
> 10-13% humidity...
> Marty ka7gkn@...
>
> -- In acom-list@y..., "Jim" <ke4wy@z...> wrote:

> > Marty, did a fault show on RCU? or when you say shut down do you
> mean it
> > just totally went off like you unplugged the power cord?
> >
> > 73 de KE4WY Jim ((2000A ...18 months and going strong))
> >
> > ----- Original Message -----
> > From: "ka7gkn" <ka7gkn@a...>
> > To: <acom-list@y...>
> > Sent: Saturday, June 15, 2002 11:03 AM
> > Subject: [acom-list] UH-OH unit is shutting down by itself! HELP!!!
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> > thanks... Marty ka7gkn@a...
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847. Re: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-16 00:40:30 UTC
From: Jim
Topic: 843 Message: 847

Marty, wow! mine is 4.5 version also. Comparable hours to yours. Never has shut off. Had an ARC fault a couple of times but found it to be a coax jumper problem. My readings about the same as yours 31c,screenv=10v,mains 241v, if-front/rear=3.6a, hv=2.68kv, fil=12.5v.....notice you did not include Bias, mine is -122v.

Are you saying it can just shut off while not transmitting any power????? When the RCU goes off can you just turn it back on? If so, do you have to wait your 2 1/2 minutes warm-up again?

Seems like I remember something about a battery inside the RCU but I think this is menu memory function only.

As you mentioned I guess the best to do is call Krassy on Monday. Beside that and I know it's a pain but I would unplug the amp, take the covers off and check all connections and fuses in the amp.....2nd thought probably only if Krassy has no idea what to do and requests you return it, then I would check for loose connections.

Good Luck.

73 de KE4WY Jim

----- Original Message -----
From: "ka7gkn" <ka7gkn@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 15, 2002 6:52 PM
Subject: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!

-Jim it just shut off...it went from lit rcu showing the normal temp and freq etc. when I keyed the mic to talk it went off the amp shut down to the acom logo display standby/off mode. The box main switch is still lit on and that's all, no error or fault indications what so ever. I ran it again and looked at what static/non tranmitted parameters I can see in the measure mode and all looked ok....
start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a both, hv=2.67kv, fil-12.5,
615 hours, software ver 4.5 I did not transmit to read other parameters since their values change as drive power changes.

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Marty ka7gkn@...

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> just totally went off like you unplugged the power cord?
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> 73 de KE4WY Jim ((2000A ...18 months and going strong))
>
> ----- Original Message -----
> From: "ka7gkn" <ka7gkn@a...>
> To: <acom-list@y...>
> Sent: Saturday, June 15, 2002 11:03 AM
> Subject: [acom-list] UH-OH unit is shutting down by itself! HELP!!!
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>
> Hi gang ...I'm not sure what's going on. 615 run hours on the 2000A
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848. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-16 14:10:46 UTC
From: ka7gkn
Topic: 843 Message: 848

Sorry Jim, I neglected to add the bias voltage it's -124. After a few hours I tried again and now it just plain shuts down after the 2 1/2 minute warm up ..the display shows 000 sec the servos start and just as the "R" is sent in cw the thing goes "click" and off to the point where the "ACOM 2000A" logo appears on the rcu....Someplace in this reflector I read about a transistor failure on the interface board..does that sound familiar?
I had an arc fault in the early days of the amp. It turned out the amp did not like the timewave anc-4 in the rf line. the relay is too slow! so I inserted the anc-4 in the receive line via the insert in the 1c-775dsp..works great and no more arc fault alarms.
I plan to be on the icom user's net this morning 14.315 @ 1700utc

regards, Marty

- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> Marty, wow! mine is 4.5 version also. Comparable hours to yours. Never has
> shut off. Had an ARC fault a couple of times but found it to be a coax
> jumper problem. My readings about the same as yours 31c,screenv=10v,mains
> 241v, if-front/rear=3.6a, hv=2.68kv, fil=12.5v.....notice you did not
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> would check for loose connections.

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> Good Luck.
>
> 73 de KE4WY Jim
>
> ----- Original Message -----
> From: "ka7gkn" <ka7gkn@a...>
> To: <acom-list@y...>
> Sent: Saturday, June 15, 2002 6:52 PM
> Subject: [acom-list] Re: UH-OH unit is shutting down by itself!
HELP!!!
>
>
> -Jim it just shut off...it went from lit rcu showing the normal temp
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>
> all connectors are secure and proper. no coax or other problems,
> nothing new to rf system since I set up the amp.
>
> When I key the mic or key down a tone I send 20-25 watts to the amp
> so I'm no where near over driving the thing!
>
> right now I have that emotional knot in my gut totally bewildered to
> what's happening and what do I need to do to fix it. I sent krassy a
> note and likely first thing Monday I'll call Acom!
> I sure hope it will be a known failure...and something I can
> accomplish here SAFELY and quickly...I'm intimidated by HV!!!!
> regards, Jim and any other input from you will be appreciated.
>
> oh,oh no lightning or emi strikes near here only 108-110 degree and
> 10-13% humidity...
> Marty ka7gkn@a...
>
>
>
> -- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> > Marty, did a fault show on RCU? or when you say shut down do you
> mean it
> > just totally went off like you unplugged the power cord?
> >
> > 73 de KE4WY Jim ((2000A ...18 months and going strong))

> >
> > ----- Original Message -----
> > From: "ka7gkn" <ka7gkn@a...>
> > To: <acom-list@y...>
> > Sent: Saturday, June 15, 2002 11:03 AM
> > Subject: [acom-list] UH-OH unit is shutting down by itself!
HELP!!!
> >
> >
> > Hi gang ...I'm not sure what's going on. 615 run hours on the
2000A
> > and I was singing praises...yesterday as I was chatting on 14.178
> the
> > amp shut off! well I then did the off for 5 min. ran through
> whatever
> > I could see on the rcu. all radio parameters and operating is as
> > always so nothing new.
> > I don't see anything obvious in the manual about "total power off"
> > Today I tried again...hoping for a self healing problem. it
occured
> > again. I erased my user memory and redid it no change,
> > I do not have the "technical manual" that is refered to while
trying
> > to figure out what's going on.
> >
> > My 220 line is stable [240v actually], all cables good, tight,
> proper.
> >
> > I am unable to attach the amp to my computer..to read the info box
> > data.
> > So...anyone out there have or having a similar experience please
> > contact me right away hopefully this will be an easy fix.
> >
> >
> > thanks... Marty ka7gkn@a...
> >
> >
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849. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-16 14:32:19 UTC
From: ka7gkn
Topic: 843 Message: 849

Hi Brian, thanks for your comments. As you read my measured settings and yes the bias is -124 and you compare them to Jim's another message, you'll see all seems normal. I have basically stable power comming into the shack. the 220 run is less than 20 feet to the shack's outlet. I truely doubt it's a supply voltage problem. By the way, I have installed the ICE 120-0-120 mains surge/impulse supressor noise and rfi filter model 330 $58.00 [I think] in my circuit breaker panel.
I recall someone else having a similar problem I think, and it turned out to be a transistor failure on the interface board.
since everything lights up, I have high voltage and it does the 2 1/2 minute warm up. I doubt I have any power supply problem...if one did exisit I'd see a blown fuse or no hv or lv or the filimant voltage etc.
When I transmit 20-25watts drive key down in rtty on the ic775dsp the thing shuts down or if I speak, and yesterday as soon as the letter "R" was starting to do it's cw thing the first dit the amp shut down!
I'll call acom fisrt thing monday and of course I'll shae the information with the group

marty ka7gkn@...

--- In acom-list@y..., alsopb <alsopb@g...> wrote:
> I've suffered the amp doing this when the mains drop out for a
> fraction of a second. By the time you figure out what happened, you
> end up waiting the entire delay time during restart.
>
> Perhaps this isn't your problem. However, it is a pain-- especially
> during contests with earphones on (you don't know it dropped out).
> This kind of problem for the computer was solved by a UPS. Imagine
> the UPS required for the ACOM!
>
> There needs to be some kind mod made so that the amp rides out
> momentary power line drop outs-- in my opinion. I don't know how
> DXpeditions and those with poor power line reliability live with
this.
>
> 73 de Brian/K3KO
>
>
>
> ka7gkn wrote:
> >
> > -Jim it just shut off...it went from lit rcu showing the normal

temp
> > and freq etc. when I keyed the mic to talk it went off the amp
shut
> > down to the acom logo display standby/off mode. The box main
switch
> > is still lit on and that's all, no error or fault indications
what so
> > ever. I ran it again and looked at what static/non tranmitted
> > parameters I can see in the measure mode and all looked ok....
> > start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a
> > both, hv=2.67kv, fil-12.5,
> > 615 hours, software ver 4.5 I did not transmit to read other
> > parameters since their values change as drive power changes.
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850. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-16 18:57:49 UTC
From: dickgreen03755
Topic: 843 Message: 850

Marty,

Speculating from across the USA probably won't help you, but clearly the bad component is getting worse! It's certainly possible that a transitor or IC is giving up the ghost, though failure mode with such devices tends to be black and white -- good or bad. It's also odd that a flakey semiconductor would fail only on transmit for a while, then get worse and fail after the warmup period.

As crazy as it sounds, I wouldn't rule out a tube problem. Although the ACOM is *far* superior to the Alpha 87A in detecting tube problems, the nature of the beast is such that it's difficult to write software that can accurately diagnose a tube fault in 100% of the failure modes.

I had a problem like that on the 87A that nearly drove me nuts. It started with all kinds of odd "soft" faults -- bad PIN diode voltages, mostly, suggesting bad PIN diodes. Then I started getting "hard" faults (power shutdowns.) Unlike the ACOM, the 87A reports those when you restart. There were several fault codes, including PIN diode voltages, HV power supply, low voltage power supply, etc. The problem went from being intermittent to shutting down the amp after the warmup period. Finally, it shut down the amp every time I hit the On switch.

I figured it was a power supply problem, so I took the amp apart, pulled the power supply boards and tested every component. Nothing wrong. I even fed them power from sources other than the main transformer and the output voltages were fine. When I put the amp back together, the problem was worse -- it was blowing a 1A fuse in the step-start circuit and little tendrils of smoke were emanating from the area of the power supply boards! I think it blew the main 20A fuses once or twice, too.

Finally, I got the bright idea of testing the amp without the tubes. Lo and behold, it came up immediately after the warmup delay! I tried bringing up the amp with each tube in turn, and discovered that one of them was causing the problem. Replacing that tube fixed the problem.

As it turns out, about a year earlier I had gotten some "Bad Cathode Current" faults and replaced one of the tubes. I got a few HV arc "thump" faults with the new tube, but the manual says that's normal for a new 3CX800. Gradually, the thumps became more frequent, but not enough to arouse suspicion. Then all the wierd faults started. [By the way, I went back to that tube and have not had any

faults for over a year -- the original problem was probably caused by a bad contact between pin and socket, caused when I removed and reinstalled the tube while troubleshooting a bad PIN diode several months earlier (that really was a bad PIN diode.) Eimac replaced the bad tube under warranty, thanks to Alpha. Some sweet-talking was necessary because the bad tube rolled off a table as I was packing it and bent the cooling fins! I swore in writing that the tube was bad before that and Alpha sweet-talked Eimac.]

I suspect that the bad tube was gassy from the start. The thumps were caused by HV arcs when the gas would build up enough. Eventually, enough gas built up that the tube was arcing as soon as any power was drawn. Gas continued to build up and eventually the tube would arc when full HV was applied after warmup. Not too long after that, even the lower HV used during warmup caused arcs and the amp would shutdown immediately. As the problem worsened, the arcs got faster and stronger -- eventually to the point of blowing fuses.

The point of my story is that as the problem got worse, the fault reports got more and more misleading -- to the point of no reports and blown fuses. The problem is that the 87A software is single-threaded, not interrupt-driven. It goes through a main loop of code looking at each sensor to determined if there is a fault. HV arcs pull so much power that they can cause voltages to drop all over the amp, in turn causing virtually every sensor to report abnormal conditions. In fact, the sensor circuits themselves can be affected by power fluctuations. When multiple sensors report bad parameters, the code simply picks the one it happens to be checking.

I found this out back when I had a TS950SDX with nasty leading-edge power spikes (up to 250W!) that would instantaneously overdrive the 87A. You would think it would be reported as an overdrive fault, but it always got reported as abnormal gain (high input, low output.) That's because the code checks the gain just before it checks the input drive level. It's just a matter of the order of the checks.

It's possible to minimize fault detection timing problems by using an interrupt-driven I/O design. In this scheme, the sensor circuits cause interrupts (like IRQs on your PC) asynchronously to whatever else the software is doing. The CPU stops what it's doing and examines the cause of the interrupt. Even then, if a massive voltage drop caused multiple circuits to report abnormal conditions at the same time, the CPU still has to step through the sources of the multiple interrupts one at a time and that could cause erroneous fault codes or actions. In my case, the arc faults got so bad that too much power was being pulled even before the step-start delay finished -- too fast for the CPU to get out of standby and detect it, regardless of the fault detection design.

I think Krassy or someone at the factory told me the 2000A is interrupt-driven. It's more expensive to do that in the hardware, so

I'm a little skeptical. It is true, however, that the 2000A fault detection is vastly superior to the 87A.

If a tube fault is indeed the culprit, then I would suspect that the 2000A considers a certain voltage or current fault to be so bad that it shuts down the amp immediately, without reporting a fault. Another possibility is that there's some sort of analog detection circuit designed to shut off the amp in the event of radical power supply behavior -- i.e., the CPU isn't even involved. That's not necessarily bad -- tube arcs can cause massive damage, especially to the plate choke and HV supply.

I have a feeling that the 2000A won't be happy running with no tubes or only one. Its fault detection is pretty picky. Also, I don't know if it would be bad for a pentode circuit to run without one or both tubes (no problem doing that in the triode-based 87A.) If you can get your hands on one or two spare tubes, I would swap them for the old ones. The tube replacement procedure requires adjusting the idle current, but I would imagine that you could get by without doing that for a quick operational check. If the amp comes up after swapping tubes, you should probably do the adjustments before transmitting.

Sorry for the long story, and I realize I could be totally wrong here -- could indeed be a semiconductor. I don't think it would be harmful to try a tube test if you can and you might get lucky.

73, Dick WC1M

--- In acom-list@y..., "ka7gkn" <ka7gkn@a...> wrote:
> Hi Brian, thanks for your comments. As you read my measured
settings
> and yes the bias is -124 and you compare them to Jim's another
> message, you'll see all seems normal. I have basically stable power
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> > > > To: <acom-list@y...>
> > > > Sent: Saturday, June 15, 2002 11:03 AM
> > > > Subject: [acom-list] UH-OH unit is shutting down by itself!
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851. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-16 19:40:56 UTC
From: ka7gkn
Topic: 843 Message: 851

Thank you dick, very much for your detailed message. since the amp is under warranty I will first call Acom first thing Monday and see what they say...I'll definitly share the comments on this reflector for all ....I will ask about the tube or tubes going bad.it's a possibility.

I hope though I won't have to ship the thing back, however if that's what it will take I'll do it...

regards Marty ka7gkn@...

--- In acom-list@y..., "dickgreen03755" <dick.green@v...> wrote:
> Marty,
>
> Speculating from across the USA probably won't help you, but clearly
> the bad component is getting worse! It's certainly possible that a
> transitor or IC is giving up the ghost, though failure mode with such
> devices tends to be black and white -- good or bad. It's also odd
> that a flakey semiconductor would fail only on transmit for a while,
> then get worse and fail after the warmup period.
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> As crazy as it sounds, I wouldn't rule out a tube problem. Although
> the ACOM is *far* superior to the Alpha 87A in detecting tube
> problems, the nature of the beast is such that it's difficult to
> write software that can accurately diagnose a tube fault in 100% of
> the failure modes.
>
> I had a problem like that on the 87A that nearly drove me nuts. It
> started with all kinds of odd "soft" faults -- bad PIN diode
> voltages, mostly, suggesting bad PIN diodes. Then I started
> getting "hard" faults (power shutdowns.) Unlike the ACOM, the 87A
> reports those when you restart. There were several fault codes,
> including PIN diode voltages, HV power supply, low voltage power
> supply, etc. The problem went from being intermittent to shutting
> down the amp after the warmup period. Finally, it shut down the amp
> every time I hit the On switch.
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> I figured it was a power supply problem, so I took the amp apart,
> pulled the power supply boards and tested every component. Nothing
> wrong. I even fed them power from sources other than the main
> transformer and the output voltages were fine. When I put the amp
> back together, the problem was worse -- it was blowing a 1A fuse in
> the step-start circuit and little tendrils of smoke were emanating

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> 20A fuses once or twice, too.
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> Lo and behold, it came up immediately after the warmup delay! I
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> of them was causing the problem. Replacing that tube fixed the
> problem.
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> reinstalled the tube while troubleshooting a bad PIN diode several
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> I suspect that the bad tube was gassy from the start. The thumps
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know
> if it would be bad for a pentode circuit to run without one or both
> tubes (no problem doing that in the triode-based 87A.) If you can
get
> your hands on one or two spare tubes, I would swap them for the old
> ones. The tube replacement procedure requires adjusting the idle
> current, but I would imagine that you could get by without doing
that
> for a quick operational check. If the amp comes up after swapping
> tubes, you should probably do the adjustments before transmitting.
>
> Sorry for the long story, and I realize I could be totally wrong
> here -- could indeed be a semiconductor. I don't think it would be
> harmful to try a tube test if you can and you might get lucky.
>
> 73, Dick WC1M
>
>
>
> --- In acom-list@y..., "ka7gkn" <ka7gkn@a...> wrote:
> > Hi Brian, thanks for your comments. As you read my measured
> settings
> > and yes the bias is -124 and you compare them to Jim's another
> > message, you'll see all seems normal. I have basically stable
power
> > comming into the shack. the 220 run is less than 20 feet to the
> > shack's outlet. I truely doubt it's a supply voltage problem. By
> the
> > way, I have installed the ICE 120-0-120 mains surge/impulse
> supressor
> > noise and rfi filter model 330 $58.00 [I think] in my circuit
> breaker
> > panel.
> > I recall someone else having a similar problem I think, and it
> turned
> > out to be a transistor failure on the interface board.
> > since everything lights up, I have high voltage and it does the 2
> 1/2
> > minute warm up. I doubt I have any power supply problem...if one
> did
> > exisit I'd see a blown fuse or no hv or lv or the filimant
voltage
> > etc.
> > When I transmit 20-25watts drive key down in rtty on the ic775dsp
> the
> > thing shuts down or if I speak, and yesterday as soon as the
> > letter "R" was starting to do it's cw thing the first dit the amp
> > shut down!

> > I'll call acom fisrt thing monday and of course I'll shae the
> > information with the group
> >
> > marty ka7gkn@a...
> >
> >
> >
> >
> >
> >
> >
> > --- In acom-list@y..., alsopb <alsopb@g...> wrote:
> > > I've suffered the amp doing this when the mains drop out for a
> > > fraction of a second. By the time you figure out what
happened,
> you
> > > end up waiting the entire delay time during restart.
> > >
> > > Perhaps this isn't your problem. However, it is a pain--
> especially
> > > during contests with earphones on (you don't know it dropped
> out).
> > > This kind of problem for the computer was solved by a UPS.
> Imagine
> > > the UPS required for the ACOM!
> > >
> > > There needs to be some kind mod made so that the amp rides out
> > > momentary power line drop outs-- in my opinion. I don't know
how
> > > DXpeditions and those with poor power line reliability live
with
> > this.
> > >
> > > 73 de Brian/K3KO
> > >
> > >
> > >
> > > ka7gkn wrote:
> > > >
> > > > -Jim it just shut off...it went from lit rcu showing the
normal
> > temp
> > > > and freq etc. when I keyed the mic to talk it went off the
amp
> > shut
> > > > down to the acom logo display standby/off mode. The box main
> > switch
> > > > is still lit on and that's all, no error or fault indications
> > what so
> > > > ever. I ran it again and looked at what static/non tranmitted

> > > > parameters I can see in the measure mode and all looked ok....
> > > > start temps about 31c, screenv=10v, mains 238, if-
> front/rear=3.6a
> > > > both, hv=2.67kv, fil-12.5,
> > > > 615 hours, software ver 4.5 I did not transmit to read other
> > > > parameters since their values change as drive power changes.
> > > >
> > > > all connectors are secure and proper. no coax or other
problems,
> > > > nothing new to rf system since I set up the amp.
> > > >
> > > > When I key the mic or key down a tone I send 20-25 watts to
the
> > amp
> > > > so I'm no where near over driving the thing!
> > > >
> > > > right now I have that emotional knot in my gut totally
> bewildered
> > to
> > > > what's happening and what do I need to do to fix it. I sent
> > krassy a
> > > > note and likely first thing Monday I'll call Acom!
> > > > I sure hope it will be a known failure...and something I can
> > > > accomplish here SAFELY and quickly...I'm intimidated by HV!!!!
> > > > regards, Jim and any other input from you will be appreciated.
> > > >
> > > > oh,oh no lightning or emi strikes near here only 108-110
degree
> > and
> > > > 10-13% humidity...
> > > > Marty ka7gkn@a...
> > > >
> > > > -- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> > > > > Marty, did a fault show on RCU? or when you say shut down
do
> you
> > > > mean it
> > > > > just totally went off like you unplugged the power cord?
> > > > >
> > > > > 73 de KE4WY Jim ((2000A ...18 months and going strong))
> > > > >
> > > > > ----- Original Message -----
> > > > > From: "ka7gkn" <ka7gkn@a...>
> > > > > To: <acom-list@y...>
> > > > > Sent: Saturday, June 15, 2002 11:03 AM
> > > > > Subject: [acom-list] UH-OH unit is shutting down by itself!
> > HELP!!!
> > > > >
> > > > >
> > > > > Hi gang ...I'm not sure what's going on. 615 run hours on

the
> > 2000A
> > > > > and I was singing praises...yesterday as I was chatting on
> > 14.178
> > > > the
> > > > > amp shut off! well I then did the off for 5 min. ran through
> > > > whatever
> > > > > I could see on the rcu. all radio parameters and operating
is
> as
> > > > > always so nothing new.
> > > > > I don't see anything obvious in the manual about "total
power
> > off"
> > > > > Today I tried again...hoping for a self healing problem. it
> > occured
> > > > > again. I erased my user memory and redid it no change,
> > > > > I do not have the "technical manual" that is refered to
while
> > trying
> > > > > to figure out what's going on.
> > > > >
> > > > > My 220 line is stable [240v actually], all cables good,
tight,
> > > > proper.
> > > > >
> > > > > I am unable to attach the amp to my computer..to read the
> info
> > box
> > > > > data.
> > > > > So...anyone out there have or having a similar experience
> please
> > > > > contact me right away hopefully this will be an easy fix.
> > > > >
> > > > >
> > > > > thanks... Marty ka7gkn@a...
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > To unsubscribe, send an empty message to:
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> > > > > acom-list-unsubscribe@y...
> > > > >
> > > > > Your use of Yahoo! Groups is subject to
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852. Re: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-17 01:51:28 UTC
From: ted demopoulos
Topic: 852 Message: 852

Mine kept shutting down, and it got worse and worse. A quick trip to Krassy
(he's about 1 1/2 hours drive away) and it was in fact bad tubes. Krassy
replaced them and the ACOM is happy as a clam :)

73
Ted KT1V ex KR1G

>From: "ka7gkn" <ka7gkn@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!
>Date: Sat, 15 Jun 2002 22:52:37 -0000
>
>-Jim it just shut off...it went from lit rcu showing the normal temp
>and freq etc. when I keyed the mic to talk it went off the amp shut
>down to the acom logo display standby/off mode. The box main switch
>is still lit on and that's all, no error or fault indications what so
>ever. I ran it again and looked at what static/non tranmitted
>parameters I can see in the measure mode and all looked ok....
>start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a
>both, hv=2.67kv, fil-12.5,
>615 hours, software ver 4.5 I did not transmit to read other
>parameters since their values change as drive power changes.
>
>all connectors are secure and proper. no coax or other problems,
>nothing new to rf system since I set up the amp.
>
>When I key the mic or key down a tone I send 20-25 watts to the amp
>so I'm no where near over driving the thing!
>
>right now I have that emotional knot in my gut totally bewildered to
>what's happening and what do I need to do to fix it. I sent krassy a
>note and likely first thing Monday I'll call Acom!
>I sure hope it will be a known failure...and something I can
>accomplish here SAFELY and quickly...I'm intimidated by HV!!!!
>regards, Jim and any other input from you will be appreciated.
>
>oh,oh no lightning or emi strikes near here only 108-110 degree and
>10-13% humidity...
>Marty ka7gkn@...
>
>
>
>-- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> > Marty, did a fault show on RCU? or when you say shut down do you

>mean it
> > just totally went off like you unplugged the power cord?
> >
> > 73 de KE4WY Jim ((2000A ...18 months and going strong))
> >
> > ----- Original Message -----
> > From: "ka7gkn" <ka7gkn@a...>
> > To: <acom-list@y...>
> > Sent: Saturday, June 15, 2002 11:03 AM
> > Subject: [acom-list] UH-OH unit is shutting down by itself! HELP!!!
> >
> >
> > Hi gang ...I'm not sure what's going on. 615 run hours on the 2000A
> > and I was singing praises...yesterday as I was chatting on 14.178
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>whatever
> > I could see on the rcu. all radio parameters and operating is as
> > always so nothing new.
> > I don't see anything obvious in the manual about "total power off"
> > Today I tried again...hoping for a self healing problem. it occured
> > again. I erased my user memory and redid it no change,
> > I do not have the "technical manual" that is refered to while trying
> > to figure out what's going on.
> >
> > My 220 line is stable [240v actually], all cables good, tight,
>proper.
> >
> > I am unable to attach the amp to my computer..to read the info box
> > data.
> > So...anyone out there have or having a similar experience please
> > contact me right away hopefully this will be an easy fix.
> >
> >
> > thanks... Marty ka7gkn@a...
> >
> >
> >
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>

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

853. Re: UH-OH unit is shutting down by itself! HELP!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-17 13:52:27 UTC
From: ka7gkn
Topic: 852 Message: 853

Thank you Ted for your comments...It's Monday about 5:45 a.m. and Krassy is on the phone with me!!! WOW! what a guy!...We ran some quick tests and your scenario sounds similarto to what's going on here.
The end result? My amp will get to go on vacation and take a trip to Mass. While I stay here in the 106++ warm weather [14% humidity] and run qrp [200w ic-775dsp] ha ha!!!
Because of the time to ship I figure 2 weeks at a minimum...But that's ok

regards, and I'll post the results of the repairs when the am returns

Marty ka7gkn@...

--- In acom-list@y..., "ted demopoulos" <kr1g@h...> wrote:
> Mine kept shutting down, and it got worse and worse. A quick trip to Krassy
> (he's about 1 1/2 hours drive away) and it was in fact bad tubes. Krassy
> replaced them and the ACOM is happy as a clam :)
>
> 73
> Ted KT1V ex KR1G
>
>
> >From: "ka7gkn" <ka7gkn@a...>
> >Reply-To: acom-list@y...
> >To: acom-list@y...
> >Subject: [acom-list] Re: UH-OH unit is shutting down by itself! HELP!!!
> >Date: Sat, 15 Jun 2002 22:52:37 -0000
> >
> >-Jim it just shut off...it went from lit rcu showing the normal temp
> >and freq etc. when I keyed the mic to talk it went off the amp shut
> >down to the acom logo display standby/off mode. The box main switch
> >is still lit on and that's all, no error or fault indications what so
> >ever. I ran it again and looked at what static/non tranmitted
> >parameters I can see in the measure mode and all looked ok....
> >start temps about 31c, screenv=10v, mains 238, if- front/rear=3.6a
> >both, hv=2.67kv, fil-12.5,
> >615 hours, software ver 4.5 I did not transmit to read other
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> >

> >all connectors are secure and proper. no coax or other problems,
> >nothing new to rf system since I set up the amp.
> >
> >When I key the mic or key down a tone I send 20-25 watts to the amp
> >so I'm no where near over driving the thing!
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> >note and likely first thing Monday I'll call Acom!
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> >regards, Jim and any other input from you will be appreciated.
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> >oh,oh no lightning or emi strikes near here only 108-110 degree and
> >10-13% humidity...
> >Marty ka7gkn@a...
> >
> >
> >
> >-- In acom-list@y..., "Jim" <ke4wy@z...> wrote:
> > > Marty, did a fault show on RCU? or when you say shut down do you
> >mean it
> > > just totally went off like you unplugged the power cord?
> > >
> > > 73 de KE4WY Jim ((2000A ...18 months and going strong))
> > >
> > > ----- Original Message -----
> > > From: "ka7gkn" <ka7gkn@a...>
> > > To: <acom-list@y...>
> > > Sent: Saturday, June 15, 2002 11:03 AM
> > > Subject: [acom-list] UH-OH unit is shutting down by itself!
HELP!!!
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> > > Hi gang ...I'm not sure what's going on. 615 run hours on the
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> > > always so nothing new.
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> > > Today I tried again...hoping for a self healing problem. it
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> > > thanks... Marty ka7gkn@a...
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>
>
>
>
> _____
> Get your FREE download of MSN Explorer at
http://explorer.msn.com/intl.asp.

854. 2000A failure update

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-17 20:31:54 UTC
From: ka7gkn
Topic: 854 Message: 854

Thanks to those of you in this group to respond with possible solutions. Krassy contacted me first thing this morning and we went through some steps...alas no self healing solution, well....so much for being a Rabbi's son with the magic touch!...
I shipped the amp back to ACOM and they will take care of it.
via arm chair/telephone troubleshooting the most likley cause of the immediate shut down without error code is: the possibility of a fast arc shut down due to bad coax or connectors to where the error code would not appear on the RCU.
To eliminate the possibility of a bad coax. I hooked the amp directly to a dummy load and bypassed all the doodads in the rf line like meters and lightning protection etc. I reset the user settings and again poof above 10 watts drive immediate shut down.

The next logical step was then the possibility of a defective tube. This is where we stopped and I packed up the amp.

A word of advice to all you ACOM users. Use the best quality PL259 connectors and other UHF adaptors like the 90 degree ones you can get!!!! Also use the highest quality coax no radio shack stuff!!! use 9913 flexi or LMR400, or RG213 or 214 types....remember we are talking 1500Watts lots-o-power here and cheap poorly made coax will break down and cause problems. Also avoid sharp bends nice smooth curves. Oh yeah and do a good job soldering those connectors!

I'll keep you all informed as to what was done with the amp when I get it back. I estimate no more than 2 weeks

regards, Marty ka7gkn

855. 2000A repair update

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-21 14:00:53 UTC
From: ka7gkn
Topic: 855 Message: 855

WOW! I am amazed at the service...with that said,
I shipped my amp to Acom via fed-X 3 day $$$$$ plus insurance but
that's ok...the box is heavy, Oh, I did not send the transformer so
that saved some..

ok,ok, the amp was supposed to arrive no later than thursday 4:30,
Stay with me folks....
I get a call Thursday afternoon, We have a 3 hour time difference
anyway, Krassy gets on the line and says "your amp is fixed"!!!!
At first I still wondered if something here in the shack, bad coax,
etc caused the failure...well it was a real malfunction, something
that might be difficult to determine without experience inside the
box.

The failure was the low voltage board! one voltage was gone and
that's why no failure codes appeared on the RCU...anyway, the end
result...is they replaced the board and the amp should be back here
mid next week...

I am very satisfied with the speed of repair...
Thank you to the guys and gals at ACOM

I'll report more when the amp is reinstalled....

Marty ka7gkn@...

856. My 2000A is home!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-06-29 00:15:04 UTC
From: ka7gkn
Topic: 856 Message: 856

The amp arrived June 28th so with respect to other company service ACOM's is amazing!
I reinstalled the amp and the only complaint are all those tiny metric screws and the soft material they are made of...very easy to strip take it from me don't overtorque!!!! just snug or you'll have trouble!!!! I messed up a nut and had to install a 6-32 thread insert rivit style.

Tell me, the reason for the many screws is to keep the cover tight and ensure rf does not leak out? or is the intent to keep little hands from opening it up ?????

well another happy ACOM user....

regards, Marty ka7gkn@...

857. Re: My 2000A is home!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-01 13:29:36 UTC
From: ka7gkn
Topic: 856 Message: 857

--- In acom-list@y..., "ka7gkn" <ka7gkn@a...> wrote:
> The amp arrived June 28th so with respect to other company service
> ACOM's is amazing!
> I reinstalled the amp and the only complaint are all those tiny
> metric screws and the soft material they are made of...very easy to
> strip take it from me don't overtorque!!!! just snug or you'll have
> trouble!!!! I messed up a nut and had to install a 6-32 thread
insert
> rivit style.
>
> Tell me, the reason for the many screws is to keep the cover tight
> and ensure rf does not leak out? or is the intent to keep little
> hands from opening it up ?????
>
> well another happy ACOM user....
>
> regards, Marty ka7gkn@a...

I already have about 10 hours of run time on my 2000A. The amp is working perfectly. I have noted when the amp when in for repair I had 615 hours of run time, and with the repair the clock has been reset to zero. I may have even done that resetting the amp when troubleshooting. So I just noted in my log the 615 hours and life is good!
I'll be going to a local screw source [outta of the gutter guys!] and see if I can locate some black anodized metric screws. I will let you know if I do and I'll have extras for anyone too embarrassed to ask Krassy for some because they over torqued!!!!

regards to all...Marty ka7gkn@...

858. Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 12:26:11 UTC
From: Irwin C Darack
Topic: 858 Message: 858

I recently purchased an Acom 1000 and I'm in the process of connecting to my Icom 746. The keying circuit that Acom send me, a diode and a capacitor across the Send jack does not seem to work. Using a reed relay across the send jack will disable the QSK feature. Here are my questions:

1) Acom feels that I can directly connect the amp to my rig with no problem. I measured 12 V and 11 miliamps from the Key in RCA plug on the amp. Icom manual states that the rig will handle 16 V up to 2 amps. Will this connection work and any comments here?

2) Acom has also recommended trying the Ameritron keying circuit connected to the RCA jacks?

3) What other types of connections have people used?

It seems to be a great amp, very low noise and good power.

Thanks for your help.

Irwin KD3TB

[Non-text portions of this message have been removed]

859. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 14:01:03 UTC
From: Valeri Stefanov
Topic: 858 Message: 859

Hi Irwin,

That's Wally LZ2CJ(LZ8T & YM3LZ).
I have an IC 746 and ACOM 2000A. Direct connection of the rig with amp is working just fine. Since ACOM 1000 Send Jack should be the same as for 2000A as far as I know, there should be no problems to use your IC 746 with your ACOM 1000.
Just connect two Send jacks of trcvr and amp and everything should go fine for you. You will not even have spikes I am experiencing sometimes because this problem has been fully solved with 1000 model. (although spikes are ICOM radios problem not ACOM's one !!!)

Happy "amplifiering" there :-))))).

73's de Wally

----- Original Message -----
From: "Irwin C Darack" <Irwin.Darack@...>
To: <acom-list@yahoogroups.com>
Cc: <IDarack@...>
Sent: Tuesday, July 02, 2002 2:26 PM
Subject: [acom-list] Acom 1000 and Icom 746

> I recently purchased an Acom 1000 and I'm in the process of
> connecting to my Icom 746. The keying circuit that Acom send me,
> a diode and a capacitor across the Send jack does not seem to
> work. Using a reed relay across the send jack will disable the
> QSK feature. Here are my questions:
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> 2) Acom has also recommended trying the Ameritron keying circuit
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> 3) What other types of connections have people used?
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> It seems to be a great amp, very low noise and good power.
>
> Thanks for your help.
>
> Irwin KD3TB
>
>

> [Non-text portions of this message have been removed]
>
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> acom-list-unsubscribe@yahoogroups.com
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>
>
>

860. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 13:51:22 UTC
From: Barry
Topic: 858 Message: 860

Iriwn,
I'm not familiar with Icom keying circuits, but my Yaesu directly keys my 2000A, using the transistor switch in the radio. The internal relay (in the radio) is not necessary, and is disabled to keep the noise down. Does Icom use some funky keying circuitry that makes it different?
Barry

On 2 Jul 02, at 8:26, Irwin C Darack wrote:

> I recently purchased an Acom 1000 and I'm in the process of
> connecting to my Icom 746. The keying circuit that Acom send me, a
> diode and a capacitor across the Send jack does not seem to work.
> Using a reed relay across the send jack will disable the QSK feature.
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> connected to the RCA jacks?
>
> 3) What other types of connections have people used?
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> It seems to be a great amp, very low noise and good power.
>
> Thanks for your help.
>
> Irwin KD3TB
>
>
> [Non-text portions of this message have been removed]
>
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> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

861. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 15:52:06 UTC
From: Robert Garwood
Topic: 858 Message: 861

Hello Irwin,

I use an ACOM 1000 (s/n C10061) with an Icom IC-746. I've experienced problems with this interface. But ,with the great help of Stan, LZ1IU, at the ACOM factory, I 've been able to solve the problems. I'll try to explain the problems I've had, and also explain the purpose of the capacitor and diode, which ACOM is suggesting that you use.

For amplifier keying, the IC-746 offers an electromechanical relay (hard contact) at the SEND jack, plus a solid-state relay (transistor) at HSEND (pin 3 of ACC-1 or ACC-2). The electromechanical relay (SEND) can switch up to 2 amps (at 16V dc), but is relatively slow for keying the amp. The solid-state relay (HSEND) can switch only 20 milliamps max., but offers fast keying of the amp. The ACOM T/R circuit draws less than 20 milliamps, so both the SEND and HSEND keying outputs from the IC-746 are compatible with the ACOM (KEY IN).

The ACOM amp is designed to sense "hot switching". That's the condition where RF from the exciter reaches the amplifier, before the amplifier's T/R circuit has fully switched to transmit mode. The ACOM's fault detection circuitry protects the amp from hot switching, and displays the fault message. It makes sense, then, to use the faster HSEND keying output of the IC-746 to minimize the possiblity of hot switching the amp, when the PTT is engaged (key down). Also, using the faster HSEND is always preferred over using the SEND output, whenever QSK is used.

In the case of my IC-746 (and I suspect many others), there's an additional problem. The IC-746 produces an RF pulse of about 4 milliseconds duration about 2 milliseconds after the PPT of the IC-746 is released. This condition is sensed by the ACOM as hot switching, upon release of the PTT (key up). To solve this problem, the slower (electromechanical relay) SEND keying line of the IC-746 is used in addition to the faster (transistor) HSEND keying circuit.

This is where the diodes and capacitors come into play. The two keying lines are isolated from each other, using two diodes (IN4001, or similar). Connect the anode of both diodes to KEY IN of the ACOM. Connect the cathode of one diode to HSEND and the cathode of the other diode to SEND of the IC-746. Connect a capacitor (.0047 to .001 microfarad @ 50V) in parallel across each diode. A small box with perf board and RCA connectors from Radio Shack made this a fast and easy project.

In review, the use of the faster HSEND keying output from the IC-746 prevents hot switching upon transmit. While, use of the slower to release SEND keying output of the IC-746 prevents hot switching, due to the inherent rf spike produced by the IC-746 upon release of the PTT. This approach,

which was suggested by Stan, LZ1IU, has solved my IC-746 to ACOM 1000 interface problems.

My suggestion to you is to try a direct interface, using HSEND (DIN plug on the ICOM end, and RCA plug on the ACOM end). Note that the KEY OUT connector of the ACOM 1000 goes unused (ICOM does not provide an input for this "ready to send" signal, as some other radios do). If you experience hot switching problems with this approach, then consider the solution I've outlined, above. I'm sure that you'll find that your IC-746 and ACOM 1000 will live happily, together.

A final note: ACOM may have made some changes to their current 1000A model, which makes the amp more forgiving to these IC-746 keying issues. However, I'm only guessing.

Vy 73,
Bob, W?BV

----- Original Message -----
From: "Irwin C Darack" <Irwin.Darack@...>
To: <acom-list@yahoogroups.com>
Cc: <IDarack@...>
Sent: Tuesday, July 02, 2002 7:26 AM
Subject: [acom-list] Acom 1000 and Icom 746

> I recently purchased an Acom 1000 and I'm in the process of
> connecting to my Icom 746. The keying circuit that Acom send me,
> a diode and a capacitor across the Send jack does not seem to
> work. Using a reed relay across the send jack will disable the
> QSK feature. Here are my questions:
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> 1) Acom feels that I can directly connect the amp to my rig with
> no problem. I measured 12 V and 11 miliamps from the Key in RCA
> plug on the amp. Icom manual states that the rig will handle 16 V
> up to 2 amps. Will this connection work and any comments here?
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> 2) Acom has also recommended trying the Ameritron keying circuit
> connected to the RCA jacks?
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> 3) What other types of connections have people used?
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> It seems to be a great amp, very low noise and good power.
>
> Thanks for your help.
>
> Irwin KD3TB
>
>
> [Non-text portions of this message have been removed]
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862. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 20:07:47 UTC
From: Irwin C Darack
Topic: 858 Message: 862

Robert,

Thanks for this excellent review and assistance. You have given me a great sense of where to begin and some work to do over our holiday weekend.

Much appreciated, Irwin KD3TB

Robert Garwood wrote:

> Hello Irwin,
>
> I use an ACOM 1000 (s/n C10061) with an Icom IC-746. I've
> experienced
> problems with this interface. But ,with the great help of Stan,
> LZ1IU, at
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863. 3mm metric cover screws...be careful with them

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-03 01:18:41 UTC
From: ka7gkn
Topic: 863 Message: 863

Well fellow 2000A users let me warn you of a potential frustrating problem...WAIT DON"T PANIC!!!! the amp is great! I'm discussing the hardware!!!!
the cover uses 29 black anodized 3mm metric screws with washer type heads!!! They are very soft, they can and will strip easily if you are not very careful. Use the "proper" phillips screwdriver...a metric phillips head is ideal but many won't have that so go with a #1 phillips head!
The hex nuts are pressed into the chassis and will "fall out" if you force any of the screws. DO NOT USE A POWER DRIVER!!! I was using mine a milwaukee power driver set to the minimum torque. This is still too much. The cover is well made, You'll notice the holes are slightly larger than the chassis to allow some room to wiggle.
I suggest you insert all screws leave them all loose to ensure you can get them all in, then go back and "snug" them down. no extra twisting or you'll be sorry!!!!

I have 3 nuts than fell into the amp and no where in Phoenix Metro does anyone know what a 3mm metric cinch type nut is!!!! and once used you can not reseat them!!! Super glue does not workkkkkkkk uh oh super glue on the k key ha ha

I ended up going with tinnerman nuts for two and was lucky to have room to fit. the other one required me to enlarge the hole and inset a 6-32 threaded rivet. It was close but works. Too bad they don't make these things in 4-40 that would be perfect.

I did locate a source for the 3mm screw but not in black so I bought a bunch and painted 25 of them black and then tossed the original ones. the new ones seemed to be easier to get started.
So, it's now a secret between you and me....I have 2 black tiny sheet metal screws ..one on top one on a side using tinnerman nuts and one on top using a black 6-32 screw.

in summary:
the 28 screws for the cover are soft, delicate, 3mm metric, non-forgiving, the cinch nuts pressed into the chassis will fall [drop] if you force the screw, or push too hard. The nuts can not be reused! so use the correct phillips head driver, do not use a power driver, do each one lossely until all are in then go back and gently sung them down.

Regards, Marty ka7gkn@...

864. Re: [acom-list] 3mm metric cover screws...be careful with them

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-02 23:36:21 UTC
From: Jim White
Topic: 863 Message: 864

in their efforts to make rf tight enclosures they appear to have joined
Ameritron with the "what do you mean there are still another 15 screws to
put the cover on" category!

mebbe someone will invent a metal Velcro - brillo meets steel wool?

Kepp the faith

K4OJ

----- Original Message -----
From: "ka7gkn" <ka7gkn@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, July 02, 2002 9:18 PM
Subject: [acom-list] 3mm metric cover screws...be careful with them

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865. Re: [acom-list] 3mm metric cover screws...be careful with them

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-03 11:25:10 UTC
From: alsopb
Topic: 863 Message: 865

Hi Marty,

I hope there is some solution for the detached hex nuts press fit in
to the chassis.

I have two here which have detached. I wonder if some of that liquid
metal will work? Trouble is they are in pretty awkward places.

Is there a factory solution?

73 de Brian/K3KO

ka7gkn wrote:
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866. Re: 3mm metric cover screws...be careful with them

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-04 00:02:36 UTC
From: ka7gkn
Topic: 863 Message: 866

--- In acom-list@y..., alsopb <alsopb@g...> wrote:
> Hi Marty,
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> I hope there is some solution for the detached hex nuts press fit in
> to the chassis.
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> I have two here which have detached. I wonder if some of that
liquid
> metal will work? Trouble is they are in pretty awkward places.
>
> Is there a factory solution?
>
> 73 de Brian/K3KO
>
Well Brian kind of a relief to know I'm not alone in the clinch nut dropping out! yep "clinch nut" the official name they are designed to be pressed in/on the chassis with a press. so, just squeezing won't do it nor using the screw to snug it back into place. I suspect when they drop they can not be reused. I'm not sure about using any of the epoxy type adhesives it could get messy in there.

I'll keep looking for an after market solution. By the way, check out your local hobby store they are a great source for small sae and metric hardware, tools and even a 3mm tap and die!
I have contacted a few fastener places but they do not sell to us low-lifes only to manufacturers ha ha

I'll keep the group posted to any solution.

> > Regards, Marty ka7gkn@a...
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867. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-10 03:29:53 UTC
From: w7xu
Topic: 858 Message: 867

Hi,

I have keyed my Acom 1000 directly from the Icom 746 with no
problems. I just used a cable with phono/RCA connectors on
each end, going tome the Icom SEND jack to the Acom KEY IN
jack.

73, Arliss W7XU

Irwin C Darack wrote:
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> connecting to my Icom 746. The keying circuit that Acom send me,
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868. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-10 03:36:05 UTC
From: w7xu
Topic: 858 Message: 868

Some very useful information, Ed --
By the way, I arrived home with only some relatively minor problems
in Toronto and Chicago (almost missed the plane in Toronto and had
to stand in line for an hour in Chicago because they sent my baggage
to the wrong airport).

73, Arliss

Hello Irwin,

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869. Re: [acom-list] Acom 1000 and Icom 746

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-11 15:12:27 UTC
From: Irwin C Darack
Topic: 858 Message: 869

Robert,

Thanks, the amp is on the air. Your suggestions and the wiring diagram I received from Acom worked. I did try just the RCA connection, but the amp would give me a "hot switch" fault.
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Regards, Irwin KD3TB

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> where RF from the exciter reaches the amplifier, before the
> amplifier's T/R
> circuit has fully switched to transmit mode. The ACOM's fault
> detection
> circuitry protects the amp from hot switching, and displays the

> fault
> message. It makes sense, then, to use the faster HSEND keying
> output of the
> IC-746 to minimize the possiblity of hot switching the amp,
> when the PTT is
> engaged (key down). Also, using the faster HSEND is always
> preferred over
> using the SEND output, whenever QSK is used.
>
> In the case of my IC-746 (and I suspect many others), there's
> an additional
> problem. The IC-746 produces an RF pulse of about 4
> milliseconds duration
> about 2 milliseconds after the PPT of the IC-746 is released.
> This
> condition is sensed by the ACOM as hot switching, upon release
> of the PTT
> (key up). To solve this problem, the slower (electromechanical
> relay) SEND
> keying line of the IC-746 is used in addition to the faster
> (transistor)
> HSEND keying circuit.
>
> This is where the diodes and capacitors come into play. The
> two keying
> lines are isolated from each other, using two diodes (IN4001,
> or similar).
> Connect the anode of both diodes to KEY IN of the ACOM.
> Connect the cathode
> of one diode to HSEND and the cathode of the other diode to
> SEND of the
> IC-746. Connect a capacitor (.0047 to .001 microfarad @ 50V)
> in parallel
> across each diode. A small box with perf board and RCA
> connectors from
> Radio Shack made this a fast and easy project.
>
> In review, the use of the faster HSEND keying output from the
> IC-746
> prevents hot switching upon transmit. While, use of the slower
> to release
> SEND keying output of the IC-746 prevents hot switching, due to
> the inherent
> rf spike produced by the IC-746 upon release of the PTT. This
> approach,
> which was suggested by Stan, LZ1IU, has solved my IC-746 to
> ACOM 1000
> interface problems.
>
> My suggestion to you is to try a direct interface, using HSEND

> (DIN plug on
> the ICOM end, and RCA plug on the ACOM end). Note that the KEY
> OUT
> connector of the ACOM 1000 goes unused (ICOM does not provide
> an input for
> this "ready to send" signal, as some other radios do). If you
> experience
> hot switching problems with this approach, then consider the
> solution I've
> outlined, above. I'm sure that you'll find that your IC-746
> and ACOM 1000
> will live happily, together.
>
> A final note: ACOM may have made some changes to their current
> 1000A model,
> which makes the amp more forgiving to these IC-746 keying
> issues. However,
> I'm only guessing.
>
> Vy 73,
> Bob, WØBV
>
>
>
> ----- Original Message -----
> From: "Irwin C Darack" <Irwin.Darack@...>
> To: <acom-list@yahoogroups.com>
> Cc: <IDarack@prodigy.net>
> Sent: Tuesday, July 02, 2002 7:26 AM
> Subject: [acom-list] Acom 1000 and Icom 746
>
>
> > I recently purchased an Acom 1000 and I'm in the process of
> > connecting to my Icom 746. The keying circuit that Acom send
> me,
> > a diode and a capacitor across the Send jack does not seem to
>
> > work. Using a reed relay across the send jack will disable
> the
> > QSK feature. Here are my questions:
> >
> > 1) Acom feels that I can directly connect the amp to my rig
> with
> > no problem. I measured 12 V and 11 miliamps from the Key in
> RCA
> > plug on the amp. Icom manual states that the rig will handle
> 16 V
> > up to 2 amps. Will this connection work and any comments
> here?
> >

> > 2) Acom has also recommended trying the Ameritron keying
> circuit
> > connected to the RCA jacks?
> >
> > 3) What other types of connections have people used?
> >
> > It seems to be a great amp, very low noise and good power.
> >
> > Thanks for your help.
> >
> > Irwin KD3TB
> >
> >
> > [Non-text portions of this message have been removed]
> >
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[Non-text portions of this message have been removed]

870. Won't turn off

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-28 17:15:30 UTC
From: Dave Hawes
Topic: 870 Message: 870

My 2000A has developed a "problem": it won't turn off properly.

When I press the red ON/OFF button, the display shows the normal cooling down message, but then instead of doing a normal shutdown, it does everything right, except:

1. The display backlight remains on, and
2. The amber "STB" LED remains illuminated.

The amplifier is indeed off, and if turned on, performs in the normal way. Cycling neither the mains nor the power switch on the amplifier unit itself has an effect on this symptom.

Has anybody seen this?

Dave N3RD

871. Re: [acom-list] Won't turn off

Yahoo group: acom-list (1999 — 2009)
Date: 2002-07-28 17:46:55 UTC
From: Howard Klein
Topic: 870 Message: 871

Dave,
Chances are that you have already received a reply from Will or Krassy. I had a problem although different is similiar enough to your own. I received an answer in less than an hour from Will and a phone call shortly thereafter...that's service!
The problem I had was determined to be in the control unit. Continuity and voltages measurements were made on the cable and the unit to reach this conclusion. The cause turned out to be oxidation on the cable and/or socket contacts within the control unit. Some alcohol and a Q-tip solved it. If you would like the values and more detail feel free to contact me although I am confident Will will be adressing your specific problem shortly.

Good Luck,

Howard...K2HK
----Original Message Follows----
From: Dave Hawes <dave.n3rd@...>
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: [acom-list] Won't turn off
Date: Sun, 28 Jul 2002 13:15:30 -0400

My 2000A has developed a "problem": it won't turn off properly.

When I press the red ON/OFF button, the display shows the normal cooling down
message, but then instead of doing a normal shutdown, it does everything right,
except:

1. The display backlight remains on, and
2. The amber "STB" LED remains illuminated.

The amplifier is indeed off, and if turned on, performs in the normal way. Cycling
neither the mains nor the power switch on the amplifier unit itself has an effect on this
symptom.

Has anybody seen this?

Dave N3RD

_____
Join the world?s largest e-mail service with MSN Hotmail.
http://www.hotmail.com

872. Xmit during warmup bad?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-08 23:05:03 UTC
From: Brian, N8WRL
Topic: 872 Message: 872

Hi all!

List has been a bit quiet lately, so I thought I'd toss in an experience I just had. TY9F is on for his last night so this was my last chance to snag him on 20m phone. As I usually do, I turned on the amp and tried a few times while it warmed up. I'm guessing my timing was bad because just as it rounded 000 seconds for the warmup and the motors whirred, I made a call and the amp faulted with a 'bias too low at power on: -000V'. After a moment it went back to the 'turned off RCU' state and I turned it on again. It repeated the whole warmup time and I stayed off the air. This time all is well (and I got the TY) but I wonder if anyone has seen this before?

Hopefully it doesn't happen again - first problem in close to two years...

73!

-Brian n8wrl

873. Problem persists!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-09 00:27:36 UTC
From: Brian, N8WRL
Topic: 873 Message: 873

Hi all!

Well, the amp is down. :(Here's a chronology this evening (8/8/02):

7pm

Warming up the amp while calling on 20m phone. As soon as the tubes are warm, I'm pretty sure I transmitted and the amp faulted with 'BIAS TOO LOW AT POWER ON: -000V'. After a moment it went back to the 'RCU off mode'. I waited a minute and pressed the red ON/OFF button and the tubes started warming up again. When the finished, the amp bahaved normally.

7:45pm

No transmissions for at least 15 minutes while the amp was on but idle. Another fault: 'BIAS VOLTAGE TOO LOW: -070V'. I tightened all the RCA plugs for my TX-IN/OUT loop while I waited a few minutes with the amp off. Again I pressed the red ON/OFF button and the tubes warmed up normally.

8pm

After completing a short QSO on 40m CW the RCU went dead! No lights, no message, nothing. Even the red LED on the unit itself is off! The breaker is good and there is 220V at the wall. I run the amp power thru an ICE338 220V surge suppressor which has two 250V/30A fuses - one for each 110V 'side'. One of them is blown!

I plugged the amp directly into the wall and after warming up I got the 'BIAS TOO LOW AT POWER ON: -000V' fault again. It is now off.

So now I'm worried about _why_ just one of the fuses would blow? I guess it could be as simple as a fuse wearing out (?). Would the faults cause more current to be pulled on half the 220V?

Any ideas?

Thanks!

-Brian n8wrl

874. Happy New 1000A Customer

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-09 02:14:57 UTC
From: w7gox
Topic: 874 Message: 874

S/N 0201XX arrived today. Shipped right after Will got the check. Following directions, on air in 15 minutes. Plays very nicely with FT-990 and F12 5BA. Getting excellent reports. All prior kudos apply here also. Hear it on the Maritime Mobile Net, 14.300, Sundays 2100-2200 UTC when I'm NCS. FB to join this group.

73 de Dave in NM

875. Re: [acom-list] Problem persists!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-09 06:57:55 UTC
From: IK0YVV
Topic: 873 Message: 875

Hi Brian,
I've had a similar trouble last March .... it should be a tube failure , one of the 2 tubes are short cirtuiting ..... sometimes it appens that all goes OK , but probably you're going to have a full failure in few days ..... try to contact ACOM and ask them how to test the tubes .... i found a tube that sort circuit after 40/60 secs of warm up .
73s
IK0YVV
Marco
----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, August 09, 2002 2:27 AM
Subject: [acom-list] Problem persists!

> Hi all!
>
> Well, the amp is down. :(Here's a chronology this evening (8/8/02):
>
> 7pm
>
> Warming up the amp while calling on 20m phone. As soon as the tubes are
> warm, I'm pretty sure I transmitted and the amp faulted with 'BIAS TOO LOW
> AT POWER ON: -000V'. After a moment it went back to the 'RCU off mode'. I
> waited a minute and pressed the red ON/OFF button and the tubes started
> warming up again. When the finished, the amp bahaved normally.
>
> 7:45pm
>
> No transmissions for at least 15 minutes while the amp was on but idle.
> Another fault: 'BIAS VOLTAGE TOO LOW: -070V'. I tightened all the RCA
plugs
> for my TX-IN/OUT loop while I waited a few minutes with the amp off. Again
I
> pressed the red ON/OFF button and the tubes warmed up normally.
>
> 8pm
>
> After completing a short QSO on 40m CW the RCU went dead! No lights, no
> message, nothing. Even the red LED on the unit itself is off! The breaker
is
> good and there is 220V at the wall. I run the amp power thru an ICE338
220V
> surge suppressor which has two 250V/30A fuses - one for each 110V 'side'.
> One of them is blown!

>
> I plugged the amp directly into the wall and after warming up I got the
> 'BIAS TOO LOW AT POWER ON: -000V' fault again. It is now off.
>
> So now I'm worried about _why_ just one of the fuses would blow? I guess
it
> could be as simple as a fuse wearing out (?). Would the faults cause more
> current to be pulled on half the 220V?
>
> Any ideas?
>
> Thanks!
>
> -Brian n8wrl
>
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876. Re: [acom-list] Problem persists!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-09 11:27:15 UTC
From: Brian, N8WRL
Topic: 873 Message: 876

There was an email from Will K6ND at ACOM waiting for me when I got up this morning to let me know he was looking into it. This is very reassuring!

I'll keep you all posted.

-Brian n8wrl
----- Original Message -----
From: IK0YVV
To: acom-list@yahoogroups.com
Sent: Friday, August 09, 2002 2:57 AM
Subject: Re: [acom-list] Problem persists!

Hi Brian,
I've had a similar trouble last March .... it should be a tube failure , one of the 2 tubes are short cirtuiting ..... sometimes it appens that all goes OK , but probably you're going to have a full failure in few days ..... try to contact ACOM and ask them how to test the tubes .... i found a tube that sort circuit after 40/60 secs of warm up .
73s
IK0YVV
Marco
----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, August 09, 2002 2:27 AM
Subject: [acom-list] Problem persists!

> Hi all!
>
> Well, the amp is down. :(Here's a chronology this evening (8/8/02):
>
> 7pm
>
> Warming up the amp while calling on 20m phone. As soon as the tubes are
> warm, I'm pretty sure I transmitted and the amp faulted with 'BIAS TOO LOW
> AT POWER ON: -000V'. After a moment it went back to the 'RCU off mode'. I
> waited a minute and pressed the red ON/OFF button and the tubes started
> warming up again. When the finished, the amp bahaved normally.
>
> 7:45pm
>
> No transmissions for at least 15 minutes while the amp was on but idle.
> Another fault: 'BIAS VOLTAGE TOO LOW: -070V'. I tightened all the RCA
plugs
> for my TX-IN/OUT loop while I waited a few minutes with the amp off. Again
I

> pressed the red ON/OFF button and the tubes warmed up normally.
>
> 8pm
>
> After completing a short QSO on 40m CW the RCU went dead! No lights, no
> message, nothing. Even the red LED on the unit itself is off! The breaker
is
> good and there is 220V at the wall. I run the amp power thru an ICE338
220V
> surge suppressor which has two 250V/30A fuses - one for each 110V 'side'.
> One of them is blown!
>
> I plugged the amp directly into the wall and after warming up I got the
> 'BIAS TOO LOW AT POWER ON: -000V' fault again. It is now off.
>
> So now I'm worried about _why_ just one of the fuses would blow? I guess
it
> could be as simple as a fuse wearing out (?). Would the faults cause more
> current to be pulled on half the 220V?
>
> Any ideas?
>
> Thanks!
>
> -Brian n8wrl
>
>
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[Non-text portions of this message have been removed]

877. Re: [acom-list] Problem persists!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-09 12:17:12 UTC
From: Dave Hawes
Topic: 873 Message: 877

Will is very diligent in responding to problem reports. A few weeks ago, I posted to this list a message that my 2000A "Won't turn off." Will responded with some detailed troubleshooting instructions. Fortunately, the problem resolved itself. While puttering with the problem, I randomly pressed the Enter button during a normal warm up sequence, and the amp shutdown normally. From that point on, the shutdown sequence has been executed properly.

It is reassuring to know that the Customer Service Department is manned and responsive!

73 - Dave N3RD

On 9 Aug 2002 Brian, N8WRL wrote:

> There was an email from Will K6ND at ACOM waiting for me when I got up
> this morning to let me know he was looking into it. This is very
> reassuring!
>
> I'll keep you all posted.
>
> -Brian n8wrl
> ----- Original Message -----
> From: IK0YVV
> To: acom-list@yahoogroups.com
> Sent: Friday, August 09, 2002 2:57 AM
> Subject: Re: [acom-list] Problem persists!
>
>
> Hi Brian,
> I've had a similar trouble last March .... it should be a tube
> failure , one of the 2 tubes are short cirtuiting ..... sometimes it
> appens that all goes OK , but probably you're going to have a full
> failure in few days ..... try to contact ACOM and ask them how to
> test the tubes .... i found a tube that sort circuit after 40/60
> secs of warm up . 73s IK0YVV Marco ----- Original Message -----
> From: "Brian, N8WRL" <n8wrl@...> To:
> <acom-list@yahoogroups.com> Sent: Friday, August 09, 2002 2:27 AM
> Subject: [acom-list] Problem persists!
>
>
> > Hi all!
> >
> > Well, the amp is down. :(Here's a chronology this evening
> (8/8/02): > > 7pm > > Warming up the amp while calling on 20m phone.
> As soon as the tubes are > warm, I'm pretty sure I transmitted and
> the amp faulted with 'BIAS TOO LOW > AT POWER ON: -000V'. After a

> moment it went back to the 'RCU off mode'. I > waited a minute and
> pressed the red ON/OFF button and the tubes started > warming up
> again. When the finished, the amp bahaved normally. > > 7:45pm > >
> No transmissions for at least 15 minutes while the amp was on but
> idle. > Another fault: 'BIAS VOLTAGE TOO LOW: -070V'. I tightened
> all the RCA plugs > for my TX-IN/OUT loop while I waited a few
> minutes with the amp off. Again I > pressed the red ON/OFF button
> and the tubes warmed up normally. > > 8pm > > After completing a
> short QSO on 40m CW the RCU went dead! No lights, no > message,
> nothing. Even the red LED on the unit itself is off! The breaker is
> > good and there is 220V at the wall. I run the amp power thru an
> ICE338 220V > surge suppressor which has two 250V/30A fuses - one
> for each 110V 'side'. > One of them is blown! > > I plugged the amp
> directly into the wall and after warming up I got the > 'BIAS TOO
> LOW AT POWER ON: -000V' fault again. It is now off. > > So now I'm
> worried about _why_ just one of the fuses would blow? I guess it >
> could be as simple as a fuse wearing out (?). Would the faults cause
> more > current to be pulled on half the 220V? > > Any ideas? > >
> Thanks! > > -Brian n8wrl > > > > > To unsubscribe, send an empty
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878. Ampmate software problem

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-11 21:58:34 UTC
From: Barry
Topic: 878 Message: 878

Hi all,
Running Ampmate for the rist time on my WinXP system. Ctonrols the
freq OK, however, the real-time power display seems to have a mind of
its own, and is not following the power meter on the RCU in real time.
Soemtimes, takes 4-5 secs to come back down to 0 after the xmitting
has actually stopped. Anyone else running it on XP and/or seen this?
Tnx,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

879. Re: [acom-list] Ampmate software problem

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-11 22:07:18 UTC
From: Brian, N8WRL
Topic: 878 Message: 879

Haven't heard of ampmate - where do you get it?

-Brian n8wrl
----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Sunday, August 11, 2002 5:58 PM
Subject: [acom-list] Ampmate software problem

Hi all,
Running Ampmate for the rist time on my WinXP system. Ctonrols the
freq OK, however, the real-time power display seems to have a mind of
its own, and is not following the power meter on the RCU in real time.
Soemtimes, takes 4-5 secs to come back down to 0 after the xmitting
has actually stopped. Anyone else running it on XP and/or seen this?
Tnx,
Barry W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

880. Re: [acom-list] Ampmate software problem

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-11 23:37:23 UTC
From: Barry
Topic: 878 Message: 880

Oops, That was the original name when Gerry was working on it. I
meant AcomTools
73,
Barry

On 11 Aug 2002 Brian, N8WRL wrote:

> Haven't heard of ampmate - where do you get it?
>
> -Brian n8wrl
> ----- Original Message -----
> From: Barry
> To: acom-list@yahoogroups.com
> Sent: Sunday, August 11, 2002 5:58 PM
> Subject: [acom-list] Ampmate software problem
>
>
> Hi all,
> Running Ampmate for the rist time on my WinXP system. Ctonrols the
> freq OK, however, the real-time power display seems to have a mind of
> its own, and is not following the power meter on the RCU in real time.
> Soemtimes, takes 4-5 secs to come back down to 0 after the xmitting
> has actually stopped. Anyone else running it on XP and/or seen this?
> Tnx,
> Barry W2UP
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
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881. Re: [acom-list] Ampmate software problem

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-11 23:36:49 UTC
From: K4HW
Topic: 878 Message: 881

I haven't heard of Ampmate either but I have heard of XP. Seems that it has a lot of compatibility issues. Here is a clip from a web site. Let us know if it helps.

73 Hal, K4HW

Running Programs Under Windows XP

Windows XP is not compatible with many applications as it comes out of the box. If you have difficulty running any programs, you may need to set Windows XP compatibility to Windows 98.

Follow the steps below:

a.. Go to Start
b.. Select Help and support
c.. Select Application and software problems
d.. Select Fix a problem
e.. Select Getting older programs to work under XP
f.. Select Program Compatibility Wizard

----- Original Message -----
From: Brian, N8WRL
To: acom-list@yahoogroups.com
Sent: Sunday, August 11, 2002 6:07 PM
Subject: Re: [acom-list] Ampmate software problem

Haven't heard of ampmate - where do you get it?

-Brian n8wrl
----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Sunday, August 11, 2002 5:58 PM
Subject: [acom-list] Ampmate software problem

Hi all,
Running Ampmate for the rist time on my WinXP system. Ctonrols the
freq OK, however, the real-time power display seems to have a mind of
its own, and is not following the power meter on the RCU in real time.
Soemtimes, takes 4-5 secs to come back down to 0 after the xmitting
has actually stopped. Anyone else running it on XP and/or seen this?
Tnx,
Barry W2UP
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Barry Kutner, W2UP Internet: w2up@...
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[Non-text portions of this message have been removed]

882. Acom1000 + FT-1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-14 04:16:02 UTC
From: p_vdk
Topic: 882 Message: 882

Hallo,

I'm looking to buy a second hand FT-1000MP tommorow, but like to
check out two things already :

1) What is the best way to interface the Acom 1000 amplifier ?
2) Does the FT-1000MP cat's interface hooks up directly to the RS232
of my computer or do I still need a CAT interface ? If so, any
webpages with interfaces that works ?

Extra : all tips, info, etc... welome, I new to this rig.

73, Philippe, ON4VP

883. Re: [acom-list] Acom1000 + FT-1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 2002-08-14 03:59:30 UTC
From: Billy Cox
Topic: 882 Message: 883

> 2) Does the FT-1000MP cat's interface hooks up directly to the RS232
> of my computer or do I still need a CAT interface ?

Directly ... no external interface needed.

73 Billy AA4NU

884. FOR SALE: ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-09-02 14:20:34 UTC
From: iratoby
Topic: 884 Message: 884

ACOM 2000A
2 years remaining on warranty
Excellent condition
Brand new spare (Russian surplus) tubes.
$5000 (pickup in southern Connecticut preferred)
Ira Stoler, K2RD
Fairfield, CT
k2rd@...
(203)254-3084

885. Acom 1000 problems - drops power

Yahoo group: acom-list (1999 — 2009)
Date: 2002-09-30 04:04:26 UTC
From: Phil ON4VP
Topic: 885 Message: 885

Hi all,

I've been using my Acom for about 9 months now.
It looks like I will be one on the first having problems.

A few weeks ago my Acom started to run very hot (after a few minutes of ragchew to more than 90° celsius).
The blower kicks in hard and I felt very scared about the way the Acom behaved.

I checked power output and other readings finding out that :

1) power is now max 600 watt instead of 1100
2) Screen current idle is 120mA instead of 50mA (normal)
3) Screen current is 470 mA instead of 320mA (normal)

I called my dealer and he contacted Acom in Sofia Bulgaria.
They made me run some tests and I mailed them the results.

Acom's engineers came to two possible solutions :

1) bias regulater is damaged or broken
2) tube could be the problem

I'll take my Acom to the shop next week for repair under waranty.
I'll get back to this listr with more news.

73, Phil ON4VP
www.2die4.be

[Non-text portions of this message have been removed]

886. Re: Acom 1000 problems - drops power

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-01 09:22:06 UTC
From: Andy Fyodoroff
Topic: 885 Message: 886

Hi!

I have almost the same problem (if it's a problem)
with my ACOM-1000. I got this almost year ago.
After about 2-3 minutes of chat (or RTTY activity)
tube temperature grows up about + 70-80 Degrees C.
Sometimes = +90c and even +95c.
I think this is a normal temperature value.
GU-74b tube can take more then +150c.
Don't worry. Just try cleanning TUBE orrange rubber holder.
If will be remoove this stuff, be carefull!

73 de yu8/9x0a Andy

--- In acom-list@y..., "Phil ON4VP" <emailgroups@w...> wrote:
> Hi all,
>
> I've been using my Acom for about 9 months now.
> It looks like I will be one on the first having problems.
>
> A few weeks ago my Acom started to run very hot (after a few minutes
of ragchew to more than 90□ celsius).
> The blower kicks in hard and I felt very scared about the way the
Acom behaved.
>
> I checked power output and other readings finding out that :
>
> 1) power is now max 600 watt instead of 1100
> 2) Screen current idle is 120mA instead of 50mA (normal)
> 3) Screen current is 470 mA instead of 320mA (normal)
>
> I called my dealer and he contacted Acom in Sofia Bulgaria.
> They made me run some tests and I mailed them the results.
>
> Acom's engineers came to two possible solutions :
>
> 1) bias regulater is damaged or broken
> 2) tube could be the problem
>
> I'll take my Acom to the shop next week for repair under waranty.
> I'll get back to this listr with more news.
>
> 73, Phil ON4VP
> www.2die4.be
>

>
>
> [Non-text portions of this message have been removed]

887. 2000A QSK relay

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-09 19:38:51 UTC
From: N1EU
Topic: 887 Message: 887

I'd appreciate it if someone would post info on what changes, if any, have occurred in 2000A production units since 1999 in the noise level and QSK capability of the vacuum t/r relay.

Thanks much & 73,
Barry N1EU

888. Re: 2000A QSK relay

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-10 12:29:38 UTC
From: N1EU
Topic: 887 Message: 888

I just found out from Acom that in early 2000 a dampened mounting of the relay was incorporated into 2000A production units and earlier units cannot be retrofitted. As far as I know, it made the 2000A quieter in QSK, but made no functional difference.

73,
Barry N1EU

--- In acom-list@y..., "N1EU" <n1eu@y...> wrote:
> I'd appreciate it if someone would post info on what changes, if any,
> have occurred in 2000A production units since 1999 in the noise level
> and QSK capability of the vacuum t/r relay.
>
> Thanks much & 73,
> Barry N1EU

889. Wiring for new tube fan....

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-23 15:33:43 UTC
From: exhper
Topic: 889 Message: 889

Just got the replacement for the tube squirrel cage fan. Is this a 12vdc fan, a 120v fan or...?? Where should this new fan be wired into?? It's got 3 wires as opposed to the original 2 wire 120v fan. Any help would be appreciated.

thanks....

N0FGK
thaxton@...

890. Acom Tools problem

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-27 14:27:16 UTC
From: Barry
Topic: 890 Message: 890

Hi all,
Tried to start AcomTools (on Win98 machine) for the contest this weekend, and every time I opened it, I got a GPF. Anyone have any ideas?
Krassy/Will, last time we spoke, you were working out support details for the software. Anything new yet?
Tnx,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

891. Acom Tools and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-28 23:46:42 UTC
From: Eric Scace K3NA
Topic: 889 Message: 891

Hi --

I saw a few tantalizing messages about Acom Tools and WriteLog. Can someone explain what this is all about?

I am running a SO2R station with two Acom-2000 amps and WriteLog. The hints from the website seem to suggest that I can remove
the Acom RCU from the desktop during the contest and put the key data on my computer screens? And get WriteLog to change bands on
the Acom without having to send RF into the unit first? If so, how can I set this up?

Thanks.

-- Eric K3NA

892. Re: [acom-list] Acom Tools and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-28 23:58:48 UTC
From: alsopb
Topic: 889 Message: 892

Eric,

FYI this code was two years after promised and getting any kind of support seems to be impossible.

The designer did not overcome the major problems with the antenna switching where one has several antennas per band. It would have been nice to have the software (via keyboard selection of appropriate antenna) follow the selection and have the proper settings. The amp has a major shortcoming in this regard. We really needed some kind of analog input to the amp to permit this as well as an interface to the standard BCD antenna switching hardware.

The whole idea of communicating over an oddball designed network is bankrupt. I have the network commands and believe me they are like nothing else in existance. I played around with them for a bit before concluding that the amp doesn't respond as they say. Gave up on the project. I suspect that explains why it was two years late.

These are my private opinions and please don't quote me on it.

73 de Brian/K3KO

Eric Scace K3NA wrote:
>
> Hi --
>
> I saw a few tantalizing messages about Acom Tools and WriteLog. Can someone explain what this is all about?
>
> I am running a SO2R station with two Acom-2000 amps and WriteLog. The hints from the website seem to suggest that I can remove
> the Acom RCU from the desktop during the contest and put the key data on my computer screens? And get WriteLog to change bands on
> the Acom without having to send RF into the unit first? If so, how can I set this up?
>
> Thanks.
>
> -- Eric K3NA
>
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893. Re: [acom-list] Acom Tools and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2002-10-29 18:04:56 UTC
From: Gerry Hull
Topic: 889 Message: 893

Eric,

"These are my private opinions and please don't quote me on it.

73 de Brian/K3KO"

Interesting, since you shared your opinion with the entire reflector!

I was the original author of the software, as you know. Michael Elfial, in Bulgaria, a non-ham, took it over, and re-wrote his own design from my original code. He no longer has a business relationship with Krassy. So, the software is somewhat in limbo.

Yes, I agree, there are some very bad design decisions in the Acom control protocol. It's a great amp, but very hard to work with as far as antenna control.

73,

Gerry, W1VE

>
> Eric,
>
> FYI this code was two years after promised and getting any kind of
> support seems to be impossible.
>
> The designer did not overcome the major problems with the antenna
> switching where one has several antennas per band. It would have been
> nice to have the software (via keyboard selection of appropriate
> antenna) follow the selection and have the proper settings. The amp
> has a major shortcoming in this regard. We really needed some kind of
> analog input to the amp to permit this as well as an interface to the
> standard BCD antenna switching hardware.
>
> The whole idea of communicating over an oddball designed network is
> bankrupt. I have the network commands and believe me they are like
> nothing else in existance. I played around with them for a bit before
> concluding that the amp doesn't respond as they say. Gave up on the
> project. I suspect that explains why it was two years late.
>
> These are my private opinions and please don't quote me on it.
>
> 73 de Brian/K3KO
>
> Eric Scace K3NA wrote:
> >

> > Hi --
> >
> > I saw a few tantalizing messages about Acom Tools and WriteLog. Can someone explain what this is all about?
> >
> > I am running a SO2R station with two Acom-2000 amps and WriteLog. The hints from the website seem to suggest that I can remove
> > the Acom RCU from the desktop during the contest and put the key data on my computer screens? And get WriteLog to change bands on
> > the Acom without having to send RF into the unit first? If so, how can I set this up?
> >
> > Thanks.
> >
> > -- Eric K3NA
> >
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>

Gerry Hull
Hull Computer Consulting
POB C, Greenfield, NH
Home Office: 603-547-8327
Voice Mail/Fax: 866-823-5473
email: windev@...

894. Advice on A1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-04 21:42:57 UTC
From: w4fms
Topic: 894 Message: 894

Hi All:

I'm considering purchasing an A1000 for cw contest use. I want to run the amp at 1KW and want nice and quiet qsk switching. Based on the eham reviews, seems like the A1000 would be a good choice for this kind of duty? I would be interested in hearing from others using the amp this way.

Secondly, in the manual it states that a qualified technican should replace the 4CX800. I'm wondering what is the issue here and why is it difficult to replace the tube?

Any input appreciated.

Frank, W4FMS

895. Re: [acom-list] Advice on A1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-04 21:48:56 UTC
From: Brian, N8WRL
Topic: 894 Message: 895

Hi Frank!

I have an 2000A and regularly run it at 1.5kW on CW. It is veeery quiet and cool. If the 1000 is anywhere near as quiet you'll be pleased.

I had to replace the tubes in my 2000A and I see from a photo of the interior of the 1000 that the arrangement is similar. I have no idea if the replacement procedure is the same. I am not an electrical engineer and I'm no 'qualified technician' but ACOM's instructions were detailed and clear. It is not a trivial operation as there is a bias adjustment, etc. but the amp's automation and the clear instructions made it very doable.

Again, not sure if this experience translates to the 1000 but I can tell you the folks at ACOM are top-notch in their commitment to customer support. They WILL help you through any problems you may have.

Go for it - you won't be disappointed!

73,

-Brian n8wrl
----- Original Message -----
From: w4fms
To: acom-list@yahoogroups.com
Sent: Monday, November 04, 2002 4:42 PM
Subject: [acom-list] Advice on A1000

Hi All:

I'm considering purchasing an A1000 for cw contest use. I want to
run the amp at 1KW and want nice and quiet qsk switching. Based on
the eham reviews, seems like the A1000 would be a good choice for
this kind of duty? I would be interested in hearing from others
using the amp this way.

Secondly, in the manual it states that a qualified technican should
replace the 4CX800. I'm wondering what is the issue here and why is
it difficult to replace the tube?

Any input appreciated.

Frank, W4FMS

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[Non-text portions of this message have been removed]

896. Re: [acom-list] Advice on A1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-04 22:47:42 UTC
From: Curtis BURKE
Topic: 894 Message: 896

Hi All,

Just took delivery 1 week ago of 2 acom 1000's and they are virtually silent, very easy to use, modern appearance and amazing build quality... previously owned Tl922(expensive tubes), Ic2kl(noisy) and Fl2100z(old shack warmer)...
Bought the Acom's to use on H/F and Six... very unique!
Could spend as much on 6m only amp! We are very happy with our purchase.

73 de Curtis MW0USK / MW3USK
http://mw3usk.com
http://www.curtiscommunications.co.uk

----- Original Message -----
From: "Brian, N8WRL" <n8wrl@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 04, 2002 9:48 PM
Subject: Re: [acom-list] Advice on A1000

> Hi Frank!
>
> I have an 2000A and regularly run it at 1.5kW on CW. It is veeery quiet and cool. If the 1000 is anywhere near as quiet you'll be pleased.
>
> I had to replace the tubes in my 2000A and I see from a photo of the interior of the 1000 that the arrangement is similar. I have no idea if the replacement procedure is the same. I am not an electrical engineer and I'm no 'qualified technician' but ACOM's instructions were detailed and clear. It is not a trivial operation as there is a bias adjustment, etc. but the amp's automation and the clear instructions made it very doable.
>
> Again, not sure if this experience translates to the 1000 but I can tell you the folks at ACOM are top-notch in their commitment to customer support. They WILL help you through any problems you may have.
>
> Go for it - you won't be disappointed!
>
> 73,
>
> -Brian n8wrl
> ----- Original Message -----
> From: w4fms
> To: acom-list@yahoogroups.com
> Sent: Monday, November 04, 2002 4:42 PM
> Subject: [acom-list] Advice on A1000
>

>
> Hi All:
>
> I'm considering purchasing an A1000 for cw contest use. I want to
> run the amp at 1KW and want nice and quiet qsk switching. Based on
> the eham reviews, seems like the A1000 would be a good choice for
> this kind of duty? I would be interested in hearing from others
> using the amp this way.
>
> Secondly, in the manual it states that a qualified technican should
> replace the 4CX800. I'm wondering what is the issue here and why is
> it difficult to replace the tube?
>
> Any input appreciated.
>
> Frank, W4FMS
>
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>

897. RE: [acom-list] Advice on A1000

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-04 22:51:53 UTC
From: G3SJJ
Topic: 894 Message: 897

Hi Frank, the Acom 1000 is a really sweet amp. It will easily run the power you want (I have to put it that way cos of UK regs!) It is very quiet, both from the fan and relay switching. In fact the Ft1kMP relay is noisier.Using the solid-state switching on the MP and the protection system on the Acom will produce very effective and quiet QSK keying. (I am just about to install that wiring now).

Band changing is very quick and the LCD readout gives you lots of things to check when contact rate drops(!)

I haven't needed to change a tube yet!

I love it. 73 Chris G3SJJ (G8D in CQWW)

-----Original Message-----
From: w4fms [mailto:w4fms@...]
Sent: Monday, November 04, 2002 9:43 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Advice on A1000

Hi All:

I'm considering purchasing an A1000 for cw contest use. I want to run the amp at 1KW and want nice and quiet qsk switching. Based on the eham reviews, seems like the A1000 would be a good choice for this kind of duty? I would be interested in hearing from others using the amp this way.

Secondly, in the manual it states that a qualified technican should replace the 4CX800. I'm wondering what is the issue here and why is it difficult to replace the tube?

Any input appreciated.

Frank, W4FMS

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898. Acom 2000A - low heater voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-07 11:22:22 UTC
From: n2tk
Topic: 898 Message: 898

In the past week my 2000A shut down by itself. The message
said "Heater voltage low 1.75V"
Any ideas what this may be and what I can do to fix it?
Tnx
Tony
N2TK

899. Re: [acom-list] Acom 2000A - low heater voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-07 13:50:19 UTC
From: aa1nd@aol.com
Topic: 898 Message: 899

CALL ME
508359 2786
KRASSY

900. RE: [acom-list] Acom 2000A - low heater voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-08 05:50:02 UTC
From: N2TK
Topic: 898 Message: 900

Hi Krassy. Will called me this morning already. Amp was shipped to him Thursday afternoon.
Tnx for quick response.
Tony

-----Original Message-----
From: aa1nd@... [mailto:aa1nd@...]
Sent: Thursday, November 07, 2002 08:50
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A - low heater voltage

CALL ME
508359 2786
KRASSY

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[Non-text portions of this message have been removed]

901. Service is slipping....

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-13 22:52:57 UTC
From: exhper
Topic: 901 Message: 901

Service from ACOM is slipping. Started a conversation on 9/10/02 about getting a new fan for my ACOM2000A. Unit was out of warranty so buying it was not a big deal. Had to send multiple e-mails to get a response about my request. Got the fan....wrong one. ACOM sent the fan for the 1000A not the 2000A. I was very specific about what I had and even provided the serial number of the amp. They caught the error..finally..and stated the correct fan would be sent. No sign of the correct fan yet. It's been 2 months since the start of this fiasco.

Sorry ACOM....I could have bought a replacement fan from several sources in the US by now and had it installed. Next amp won't be an ACOM. I'll stick to products built in the US and supported by their builders.

D. Thaxton
N0FGK

902. Re: [acom-list] Service is slipping....

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-14 03:43:10 UTC
From: Bob Naumann - N5NJ
Topic: 901 Message: 902

Which fan in your 2000A failed ?

----- Original Message -----
From: "exhper" <exhper@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, November 13, 2002 4:52 PM
Subject: [acom-list] Service is slipping....

> Service from ACOM is slipping. Started a conversation on 9/10/02
> about getting a new fan for my ACOM2000A. Unit was out of warranty so
> buying it was not a big deal. Had to send multiple e-mails to get a
> response about my request. Got the fan....wrong one. ACOM sent the
> fan for the 1000A not the 2000A. I was very specific about what I had
> and even provided the serial number of the amp. They caught the
> error..finally..and stated the correct fan would be sent. No sign of
> the correct fan yet. It's been 2 months since the start of this fiasco.
>
> Sorry ACOM....I could have bought a replacement fan from several
> sources in the US by now and had it installed. Next amp won't be an
> ACOM. I'll stick to products built in the US and supported by their
> builders.
>
>
> D. Thaxton
> N0FGK
>
>
>
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>

903. Re: Service is slipping....

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-14 04:52:00 UTC
From: exhper
Topic: 901 Message: 903

--- In acom-list@y..., "Bob Naumann - N5NJ" <n5nj@g...> wrote:
> Which fan in your 2000A failed ?
>
> ----- Original Message -----

It was the main fan for the tubes. Unit started "surging" which is indicative of an impending failure. I am confident of this because I've been around, worked on, kicked, and cussed equipment using these types of squirrel cage fans....:) Hard earned experience...:) I was being proactive in replacing this fan before it failed entirely.

Seems Kooltronic makes a fan that should be a replacement for the oem fan in the 2000A. One "unit" fan/motor construction. Should have sufficient air volume. Size and motor location/size may be a drawback. Checking one out Thursday....and it's in stock just down the "road".

904. AA1AC you have an E-Card from Paul.

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-14 12:15:08 UTC
From: Paul K4JA
Topic: 904 Message: 904

Greetings!

Paul has sent you an E-Card -- a virtual postcard from FriendGreetings.com.
You can pickup your E-Card at FriendGreetings.com by clicking on the link
below.

http://www.friend-greetings.net/pickup/pickup.html?code=AA1AC&id=3110023

Message:

AA1AC,
I sent you a greeting card. Please pick it up.
Paul
---

905. advise from Acom factory

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-17 19:31:59 UTC
From: iz5asz
Topic: 905 Message: 905

1. DRIVE LED blinks above 80W; trips above 126W. Nominal value is 50...60W for rated output. Reduce drive to overcome the protection.

2(a). FWD-P and RFL-P trip above 203W during standby. Bypassing up to 200W forward and reflected power through the amplifier in STBY and OFF mode is safe. A warning is issued in STBY at 203W threshold to secure amplifier's bypass circuitry safety. With 200W-transceivers you may overcome an eventual warning by reducing the power of about 5-10% or so, when the 203-watt threshold is exceeded accidentally.

Please note that switching off the amplifier does not resolve the problem, as the amplifier only could not tell you that the power is too high for it's bypassing relay, and a risk of a damage still exists with more than 200W. If you need more power with the amplifier off, you should reconnect the input and output cables leading to the amplifier, in order to take it out of any transmitting path for more than 200W.

2(b). RFL-P trips above 502W during operate. Typically a no-load condition or wrong antenna selection after a band change is the cause.

3. IP LED: blinks above 1.4A plate current; time-lagged trip at 1,6A for 4 seconds; instantaneous trip above 2.4A. Reduce drive to overcome it.

Nominal plate current is 0,95...1,25A, and may vary slightly depending on mains voltage, band, and tuning quality. Idling current is set at the factory to 50mA / 375mA (keyed with no RF / small RF applied), for minimum IMD.

4. IG2: nominal value of the screen grid current is 60...80mA, but it widely varies with mains, tuning quality, and different tubes. An acceptable range is 0...100mA is acceptable. Protected by hardware at 120mA and by software at 200mA for 20ms time lagged. Reduce drive to overcome it.

5. IG1: nominal control grid current is 5...10mA, trips at 20mA for 20ms time lagged. Reduce drive to overcome it.

The ALC signal is grid-current derived. When the control grid (G1) current appears during transmission between zero and 5mA (both tubes summary), the ALC voltage is zero. When this threshold is exceeded, a negative voltage appears on the ALC output, which is linearly proportional to the amount of grid current above the 5mA threshold. Its maximum value (-11V) is reached around 15mA grid current, and can be continuously reduced to zero via the ALC regulator. The regulator is located on the rear panel, just above the ALC connector. Clockwise

rotation will increase the maximum ALC voltage (and the loop gain of the system "amplifier + transceiver"). Using this output is normally not needed with modern transceivers.

The electrical parameters of the ALC output are as follows:
- maximum output voltage (negative to ground) up to -11V;
- output resistance about 500 Ohms;
- maximum output current up to -10mA (self-protected).

6. Concerning the "HEATER" LED indicator you may need the following information:

If "HEATER" indicator lights continuously, probably mains voltage is lower than the nominal. If it often blinks (twice per second), mains voltage is higher. You may still work safely even when "HEATER" is lit, as this is a warning indication only, but the protection threshold is yet close. If even more severe mains voltage deviation occurs, the auto protection would trip, the red "PROT" LED will flash, and an appropriate text message will be issued on the LCD.

In order to determine how close are the trip conditions, you may enter the MEASURE sub-menu and monitor the following values:

- MAINS (line input voltage, no protection is directly derived);
- FIL-V (filament voltage, 10V to 14.4V is acceptable);
- IF-REAR (filament current - rear tube, 3A to 4.4A is acceptable);
- IF-FRONT (filament current - front tube, 3A to 4.4A is acceptable);

The heater voltage protection would trip at voltages below 10V or over 14.4V, and the corresponding message to the operator is issued on the RCU. Respectively, the thresholds for heater current protection are 3A and 4.4A, and appropriate messages appear when tripped.

For your information, the nominal filament voltage is 12.6V, and the nominal current is 3.6A. The "HEATER" indicator on the RCU is normally dark. It will light constantly if the filament voltage drops below 11.6V, and it will frequently blink if the voltage exceeds 13.6V (in order to inform you that nearly half of the acceptable range is crossed). In both cases the voltage selection may need to be changed if this conditions predominate. See also p.11 below.

7. Exhaust air Temperature. The optional external fan (when mounted DC type) is accelerated at 90deg.C, and is slowed down after the exhaust air temperature drops below 80deg.C. Full temperature scale on the RCU (up to 130deg.C, 10 degrees per bar) is acceptable. A ">" sign appears when the scale is overflowed, and a protection trips at 150deg.C threshold.

If the temperature is higher than 80deg.C at the moment you switch the amplifier off, the tubes are instantly powered off, but the blower would continue cooling, until the exhaust air temperature

drops below 80deg.C.

Another protection system monitors the air motion in the tube deck volume. This would prevent the control system from being let down, while measuring a low-temperature but still-standing air above hot tubes. You'll get a "LOW AIRFLOW" message in such conditions. Check whether the inlet / outlet cutouts of the amplifier chassis are not accidentally covered by alien subjects, and let the tubes get cool. Clean or replace the air filter. Add the optional external fan in severe temperature conditions, and for continuous modes of operation (please contact ACOM for installation instruction).

8. DC supply voltages:

Template:
rated V: +/- tolerance (protection thresholds); what is supplied.

+5V: +10/-15% (4.25...5.5)V; logic and analogue circuits voltage.

+/-12V: +15/-15% (10...14)V; analogue and RS232-port voltage.

+24V: +27/-30% (17...30.5)V; power-on relays voltage.

+48V: +27/-30% (34...61)V; antenna and input relays voltage.

+12/340V controlled screen grid voltage. Typically 10...15V during standby (EG2 is off), and 320...350V during operate (EG2 is on). Protection thresholds: if more than 40V during standby; if less than 150V or above 430V during operate.

+2850V plate voltage (no load condition): +15/-55% (1280...3300)V; 2300...2500V is nominal at various loads and mains internal resistance for rated output.

-124/-75/-52V controlled bias voltage. Typically -115...-130V during standby / -70...-80V during operate idling / -45...-60V during operate with RF applied. Adjusted at the factory during setting of plate idling currents for minimum IMD (see p.3 above). Protection thresholds: if less than -100V during STBY; if less than -35V during OPERATE.

9. The following quantities are calculated on the base of directly measured parameters:

- DC INPUT is calculated from (HV x IP); no protections from DC INPUT are derived.

- GAIN is calculated from (FWD_P / DRIVE); a "LOW GAIN" protection is derived at a threshold below 10dB gain.

- VSWR is calculated from Gm =(RFL_P/FWD_P); VSWR = (1 + Gm) / (1 - Gm); no protections derived.

The used above HV, IP, DRIVE, FWD-P, RFL-P, the 12 remaining parameters listed in S.4-3, p.19 of the Operating Manual, and also 4 more supply voltages, are directly measured via the ADC (analog-to digital converter) in the CPU PCB. Multiple protections and tuning criteria are based on this information.

10. In addition of the above listed, a variety of values are checked dynamically while the amplifier's status is being changed, thus more than one protection may trip if bad conditions are detected. For instance, the heater current peak, HV, and EG2 are differently controlled during the power-on period, or while changing from standby to operate and vice versa. Also, the input and antenna relay contacts time performance is monitored at every dot/dash keying, and RF appearance.

11. Mains voltage tolerances.

See S.7-1j on p.29 of the Operating Manual. Normally, a +/-10% excursion of nominal tap voltage is acceptable. For instance, this is 216...264V with 240V nominal. The amplifier would work up to +/-15%.

If you however exceed these thresholds (below 204V or over 276V for 240V nominal), supply voltages and/or currents may reach dangerous values. No protection is directly associated with the mains voltage, but nearly all supply voltages (and some currents) would reach their protection threshold values, so various amplifier protections would begin tripping, in order not to let any damage in both: power supply, or the tubes.

Anyway, the control circuit is happy even at a voltage drop of-20%, i.e. below 190V, with 240V nominal tap selected. If mains voltage drops still further (below -25%), the control circuit in the RCU immediately switches off the amplifier, and becomes inoperative, until the voltage restores to at least -20% of the nominal, i.e. at least 190V will be needed to start up at the 240V tap selection. This hysteresis is intended to reject unusable ON/OFFs and RCU restarting, if the mains voltage is frequently fluctuating near the lower acceptable limit.

A controllable step-up / step-down tap-transformer (for 20A nominal current) would be a good solution in low mains conditions, not only for the amplifier. You may find also suitable automatic AC voltage regulators on the market.

12. An additional possibility is foreseen in order to compensate partly for any mains voltage deviation, not to affect the tubes plate efficiency. This is the DEF sub-menu in the OFF menu (see also page 22, 5-6a of the Operating Manual). It is not mandatory to use it, but you have a possibility to optimize the amplifier's performance.

Set the MAINS VOLTAGE menu selection to HIGH, when mains voltage is typically 5% (or more) higher than nominal tap (i.e. higher than 252V at 240V nominal). Set the menu selection to LOW when mains voltage is

typically 5% lower than nominal tap (i.e. lower than 228V with 240V nominal). For still lower voltages, first set lower nominal taps of the transformer (i.e.220V, 200, 120 or 100V). Then observe same rules about this menu voltage selection, respective to the newly selected nominal voltage. Anyway, a voltage of (230...240)V should be considered to be NORMAL with a 240V nominal tap.

Please note that this menu selection does not change any real supply voltage inside the amplifier. It only modifies slightly the plate-load resistance, as a target of the AUTO TUNE procedure, when you match your antennas. With HIGH selection you will request for a higher plate resistance, and vice versa, thus merely doing the best at your real conditions. The result of a new selection however will take effect only after you would make a new AUTO TUNE.

A HIGH selection (higher plate resistance) would lead to higher plate efficiency, higher power gain, less maximum output and longer tubes expected life.

Lowered load resistance (LOW selection) increases maximum undistorted power, but also increases the tubes plate-current use and plate dissipation, so tubes expected life is shortened drastically. Also, the amplifier's power gain is decreased and you'd have to use the transceiver at much higher output.

C A U T I O N: do not select "LOW" default selection unless your mains voltage is really low since tube cathodes will be exhausted VERY FASTER, while 10% more/less power does not make a difference in the air.

We generally recommend for the LOW-NORMAL-HIGH mains voltage selection to correspond to your real mains voltage situation. Particularly, you may select the "HIGH" position regardless of the real voltage value in order to spare tubes, if you don't need the full output power.

Massimo, please feel free to contact ACOM again whenever you need.

Best 73, Stan LZ1IU
Sofia, 26 June 2002.

906. 2000a repair

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-18 22:20:30 UTC
From: n2tk
Topic: 906 Message: 906

Had a problem with my 2000a. Sent it UPS to Acom on 11/7. Got it back today via UPS. Installed and works fine. Tnx for quick turn around
Tony
N2TK

907. (no subject)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-21 09:01:37 UTC
From: Larry Riley
Topic: 907 Message: 907

have a Acom 1000 when I first got the amp I noticed a buzzing from the front right corner (power supply area) when transmiting. The factory said it was no concern now after a few more months the noise is worse and does bother me at times (louder when frist using). Has anyone else experenced the problem no of a cure? And maybe someone can send me the email address for Acom overseas?

Larry

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[Non-text portions of this message have been removed]

908. Acom 1000 Buzzing in the supply

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-21 09:02:12 UTC
From: Larry Riley
Topic: 908 Message: 908

have a Acom 1000 when I first got the amp I noticed a buzzing from the front right corner (power supply area) when transmiting. The factory said it was no concern now after a few more months the noise is worse and does bother me at times (louder when frist using). Has anyone else experenced the problem no of a cure? And maybe someone can send me the email address for Acom overseas?

Larry

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[Non-text portions of this message have been removed]

909. RE: [acom-list] Acom 1000 Buzzing in the supply

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-21 09:52:49 UTC
From: carlo smekens
Topic: 908 Message: 909

Hello Larry,

The email from Acom is acom@...

Succes

Carlo ON4AAM

-----Oorspronkelijk bericht-----
Van: Larry Riley [mailto:w8mis@...]
Verzonden: donderdag 21 november 2002 10:02
Aan: acom-list@yahoogroups.com
Onderwerp: [acom-list] Acom 1000 Buzzing in the supply

have a Acom 1000 when I first got the amp I noticed a buzzing from the
front right corner (power supply area) when transmiting. The factory said
it was no concern now after a few more months the noise is worse and does
bother me at times (louder when frist using). Has anyone else experenced
the problem no of a cure? And maybe someone can send me the email address
for Acom overseas?

Larry

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910. Some info for ACOM.Co

Yahoo group: acom-list (1999 — 2009)
Date: 2002-11-30 11:24:45 UTC
From: Andy Fyodoroff
Topic: 910 Message: 910

Hi guys!

I have excellent "ACOM-1000" and this PA working fine.
Just one remark for ACOM.Co
In my area very often power plant station switched off the
electricity. During QSO the tube temperature increases up
to +80c! Certainly , this situation is very bad for final PA tube.
Probably reason for the future to installing additional capacitor for
the FAN to cooling tube during the power (electricity) problem.
like in ALPHA PA's.

Best regards!

73 de YU8/9X0A Andy

911. Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-01 23:49:16 UTC
From: Barry
Topic: 911 Message: 911

Say it's a weekend, and I'm in and out of the shack. I may work some
DX in the morning, then come back late afternoon, etc.

Is it better for the amp/tubes to just leave the amp on all day, or shut
down and turn it back on later in the day, if needed?

Interested in your opinions...
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

912. Re: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 00:05:35 UTC
From: Howard Klein
Topic: 911 Message: 912

Barry,
I have heard both opinions. I think Krassy once posted someting that ALLUDED that it is best to shut down and I did for a long while. Most recently I began leaving the amp on all day in the situation you describe. My tubes have 3 plus years without any indication of a decrease in output or change in operating characteristics. I too would like a more definitive answer based on hard facts but it is possible the differnces may be slight or non-existent. Possibly this will attract some more opinions.
73
Howard...K2HK

----Original Message Follows----
From: "Barry " <w2up@...>

Say it's a weekend, and I'm in and out of the shack. I may work some DX in the morning, then come back late afternoon, etc.

Is it better for the amp/tubes to just leave the amp on all day, or shut down and turn it back on later in the day, if needed?

Interested in your opinions...
Barry, W2UP
--

_____
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913. RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 00:16:32 UTC
From: N2TK
Topic: 911 Message: 913

Maybe it□s an old habit form the big old tube days, but I leave the amp on
all day, if I think I will be on the air that day. Most days it is not on as
I usually don□t need it to get in a pileup, unless it□s the low bands.
Curious as to the feedback you get Barry.
Tony
N2tK

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Sunday, December 01, 2002 18:49
To: acom-list@yahoogroups.com
Subject: [acom-list] Turn amp on and off, or leave on?

Say it's a weekend, and I'm in and out of the shack. I may work some
DX in the morning, then come back late afternoon, etc.

Is it better for the amp/tubes to just leave the amp on all day, or shut
down and turn it back on later in the day, if needed?

Interested in your opinions...
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@mindspring.com
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

914. RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 03:43:39 UTC
From: Eric Scace K3NA
Topic: 911 Message: 914

Recently I read the instruction manual for the 2000. As I recall, it said to shut the amp off from the keypad if you weren't
going to be using it for a half-hour or so... and to turn off the power switch on the front of the amp if you were not planning to
use it in the next few hours.

My memory is imperfect... but I'd start by looking for information in the instruction manual. And tell us what you find:
obviously we've all forgotten since our first exciting day unpacking the Beast!

-- Eric K3NA

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: 2002 December 1 Sun 18:49
To: acom-list@yahoogroups.com
Subject: [acom-list] Turn amp on and off, or leave on?

Say it's a weekend, and I'm in and out of the shack. I may work some
DX in the morning, then come back late afternoon, etc.

Is it better for the amp/tubes to just leave the amp on all day, or shut
down and turn it back on later in the day, if needed?

Interested in your opinions...
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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915. RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 03:52:33 UTC
From: N2TK
Topic: 911 Message: 915

Except for returning the amp for repair the other week, the front panel switch is always on. The amp is mounted about 7☐ off the floor in the basement. Don☐t even think about the amp.
Tony
N2TK

-----Original Message-----
From: Eric Scace K3NA [mailto:eric@...]
Sent: Sunday, December 01, 2002 22:44
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Turn amp on and off, or leave on?

Recently I read the instruction manual for the 2000. As I recall, it said to shut the amp off from the keypad if you weren't going to be using it for a half-hour or so... and to turn off the power switch on the front of the amp if you were not planning to use it in the next few hours.

My memory is imperfect... but I'd start by looking for information in the instruction manual. And tell us what you find:
obviously we've all forgotten since our first exciting day unpacking the Beast!

-- Eric K3NA

-----Original Message-----
From: Barry [mailto:w2up@...m]
Sent: 2002 December 1 Sun 18:49
To: acom-list@yahoogroups.com
Subject: [acom-list] Turn amp on and off, or leave on?

Say it's a weekend, and I'm in and out of the shack. I may work some DX in the morning, then come back late afternoon, etc.

Is it better for the amp/tubes to just leave the amp on all day, or shut down and turn it back on later in the day, if needed?

Interested in your opinions...
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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916. RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 12:08:14 UTC
From: Barry
Topic: 911 Message: 916

So someone actually reads (and remembers) the manual!

I don't know if there's more than one edition, but it does say on the
bottom of page 15 of my manual:
"In order to turn the amplifier off, press the red button on the RCU. If
you are not going to use the amplifier for a long time (more than 30
minutes), it is best to turn off the amplifier using the Main Power switch
(on the main amplifier chassis) as well."

Barry, W2UP

On 1 Dec 2002 Eric Scace K3NA wrote:

> Recently I read the instruction manual for the 2000. As I recall, it said to shut the amp
off from the keypad if you weren't
> going to be using it for a half-hour or so... and to turn off the power switch on the
front of the amp if you were not planning to
> use it in the next few hours.
>
> My memory is imperfect... but I'd start by looking for information in the instruction
manual. And tell us what you find:
> obviously we've all forgotten since our first exciting day unpacking the Beast!
>
> -- Eric K3NA
>
> -----Original Message-----
> From: Barry [mailto:w2up@...]
> Sent: 2002 December 1 Sun 18:49
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Turn amp on and off, or leave on?
>
>
> Say it's a weekend, and I'm in and out of the shack. I may work some
> DX in the morning, then come back late afternoon, etc.
>
> Is it better for the amp/tubes to just leave the amp on all day, or shut
> down and turn it back on later in the day, if needed?
>
> Interested in your opinions...
> Barry, W2UP
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

917. Re: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 12:13:44 UTC
From: alsopb
Topic: 911 Message: 917

But why? I think people are searching for reasons. My XYL has a
whole bunch of "rules",(i.e. one doesn't wear white till June) which
don't have a basis.

73 de Brian/K3KO

Barry wrote:
>
> So someone actually reads (and remembers) the manual!
>
> I don't know if there's more than one edition, but it does say on the
> bottom of page 15 of my manual:
> "In order to turn the amplifier off, press the red button on the RCU. If
> you are not going to use the amplifier for a long time (more than 30
> minutes), it is best to turn off the amplifier using the Main Power switch
> (on the main amplifier chassis) as well."
>
> Barry, W2UP
>
> O

918. RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 12:14:04 UTC
From: N2TK
Topic: 911 Message: 918

I would be curious to hear from Acom why they recommend turning off the main power switch. As they also sell RCU extension cables, they must know that the amp will not be easily accessible in all cases. Also, would like to know why they recommend turning off the amp if not in use for more than 30 minutes.
Tony
N2TK

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Monday, December 02, 2002 07:08
To: Eric Scace K3NA; acom-list@yahoogroups.com
Subject: RE: [acom-list] Turn amp on and off, or leave on?

So someone actually reads (and remembers) the manual!

I don't know if there's more than one edition, but it does say on the bottom of page 15 of my manual:
"In order to turn the amplifier off, press the red button on the RCU. If you are not going to use the amplifier for a long time (more than 30 minutes), it is best to turn off the amplifier using the Main Power switch (on the main amplifier chassis) as well."

Barry, W2UP

On 1 Dec 2002 Eric Scace K3NA wrote:

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> going to be using it for a half-hour or so... and to turn off the power switch on the front of the amp if you were not planning to
> use it in the next few hours.
>
> My memory is imperfect... but I'd start by looking for information in the instruction manual. And tell us what you find:
> obviously we've all forgotten since our first exciting day unpacking the Beast!
>
> -- Eric K3NA
>
> -----Original Message-----
> From: Barry [mailto:w2up@...]
> Sent: 2002 December 1 Sun 18:49
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Turn amp on and off, or leave on?
>

>
> Say it's a weekend, and I'm in and out of the shack. I may work some
> DX in the morning, then come back late afternoon, etc.
>
> Is it better for the amp/tubes to just leave the amp on all day, or shut
> down and turn it back on later in the day, if needed?
>
> Interested in your opinions...
> Barry, W2UP
> --
> Barry Kutner, W2UP Internet: w2up@...
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[Non-text portions of this message have been removed]

919. FWD: RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 12:31:20 UTC
From: Jim Idelson
Topic: 919 Message: 919

I UNPLUG my Acom 2000 when I am away from the radio room for any significant period of time. Why? A couple of years ago,
we had some powerful thunderstorms roll through . . . and as the power to the house was going down, it went on/off rapidly and destroyed some electronics in the 2000. The amp was not powered up from the RCU, but the main front panel power switch was turned on. This probably would not have occured if the front panel switch had been turned off. But, after a lot of lightning problems, I am now very conservative - disconnecting most antennas most of the time, running computers on a UPS, etc.

73,

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "N2TK" <tony.kaz@...>
TO: <acom-list@yahoogroups.com>
DATE: Mon, 2 Dec 2002 07:14:04 -0500

RE: RE: [acom-list] Turn amp on and off, or leave on?

I would be curious to hear from Acom why they recommend turning off the main power switch. As they also sell RCU extension cables, they must know that the amp will not be easily accessible in all cases. Also, would like to know why they recommend turning off the amp if not in use for more than 30 minutes.
Tony
N2TK

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Monday, December 02, 2002 07:08
To: Eric Scace K3NA; acom-list@yahoogroups.com
Subject: RE: [acom-list] Turn amp on and off, or leave on?

So someone actually reads (and remembers) the manual!

I don't know if there's more than one edition, but it does say on the bottom of page 15 of my manual:
"In order to turn the amplifier off, press the red button on the RCU. If you are not going to use the amplifier for a long time (more than 30 minutes), it is best to turn off the amplifier using the Main Power switch (on the main amplifier chassis) as well."

Barry, W2UP

On 1 Dec 2002 Eric Scace K3NA wrote:

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said to shut the amp off from the keypad if you weren't
> going to be using it for a half-hour or so... and to turn off the power
switch on the front of the amp if you were not planning to
> use it in the next few hours.
>
> My memory is imperfect... but I'd start by looking for information in
the instruction manual. And tell us what you find:
> obviously we've all forgotten since our first exciting day unpacking the
Beast!
>
> -- Eric K3NA
>
> -----Original Message-----
> From: Barry [mailto:w2up@...]
> Sent: 2002 December 1 Sun 18:49
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Turn amp on and off, or leave on?
>
>
> Say it's a weekend, and I'm in and out of the shack. I may work some
> DX in the morning, then come back late afternoon, etc.
>
> Is it better for the amp/tubes to just leave the amp on all day, or shut
> down and turn it back on later in the day, if needed?
>
> Interested in your opinions...
> Barry, W2UP
> --
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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920. Re: FWD: RE: [acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 13:44:18 UTC
From: Larry Riley
Topic: 919 Message: 920

After reading the manual I tend to turn the amp off at the back when I am done for the day. Not very often do I leave it turned on on the back and simply turn the amp off using the front. Seems with the back on there is power to the micro board and maybe to other components.
Larry W8mis
Jim Idelson <k1ir@...> wrote:I UNPLUG my Acom 2000 when I am away from the radio room for any significant
period of time. Why? A couple of years ago,
we had some powerful thunderstorms roll through . . . and as the power to the
house was going down, it went on/off rapidly and destroyed some electronics in
the 2000. The amp was not powered up from the RCU, but the main front panel
power switch was turned on. This probably would not have occured if the front
panel switch had been turned off. But, after a lot of lightning problems, I am
now very conservative - disconnecting most antennas most of the time, running
computers on a UPS, etc.

73,

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "N2TK" <tony.kaz@...>
TO: <acom-list@yahoogroups.com>
DATE: Mon, 2 Dec 2002 07:14:04 -0500

RE: RE: [acom-list] Turn amp on and off, or leave on?

I would be curious to hear from Acom why they recommend turning off the main
power switch. As they also sell RCU extension cables, they must know that
the amp will not be easily accessible in all cases. Also, would like to know
why they recommend turning off the amp if not in use for more than 30
minutes.
Tony
N2TK

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Monday, December 02, 2002 07:08
To: Eric Scace K3NA; acom-list@yahoogroups.com
Subject: RE: [acom-list] Turn amp on and off, or leave on?

So someone actually reads (and remembers) the manual!

I don't know if there's more than one edition, but it does say on the bottom of page 15 of my manual:
"In order to turn the amplifier off, press the red button on the RCU. If you are not going to use the amplifier for a long time (more than 30 minutes), it is best to turn off the amplifier using the Main Power switch (on the main amplifier chassis) as well."

Barry, W2UP

On 1 Dec 2002 Eric Scace K3NA wrote:

> Recently I read the instruction manual for the 2000. As I recall, it said to shut the amp off from the keypad if you weren't
> going to be using it for a half-hour or so... and to turn off the power switch on the front of the amp if you were not planning to
> use it in the next few hours.
>
> My memory is imperfect... but I'd start by looking for information in the instruction manual. And tell us what you find:
> obviously we've all forgotten since our first exciting day unpacking the Beast!
>
> -- Eric K3NA
>
> -----Original Message-----
> From: Barry [mailto:w2up@...]
> Sent: 2002 December 1 Sun 18:49
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Turn amp on and off, or leave on?
>
>
> Say it's a weekend, and I'm in and out of the shack. I may work some
> DX in the morning, then come back late afternoon, etc.
>
> Is it better for the amp/tubes to just leave the amp on all day, or shut
> down and turn it back on later in the day, if needed?
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> Interested in your opinions...
> Barry, W2UP
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> Barry Kutner, W2UP Internet: w2up@...
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921. RE: [Acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 16:46:02 UTC
From: Eric Scace K3NA
Topic: 911 Message: 921

Actually, one may wear white on Memorial Day until Labor Day. There is no logic; it's just a USA social convention... valuable
because it gives one something to flaunt, when the occasion arises where one wishes to go against convention.

-- Eric K3NA

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: 2002 December 2 Mon 07:14
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Turn amp on and off, or leave on?

But why? I think people are searching for reasons. My XYL has a
whole bunch of "rules",(i.e. one doesn't wear white till June) which
don't have a basis.

73 de Brian/K3KO

Barry wrote:
>
> So someone actually reads (and remembers) the manual!
>
> I don't know if there's more than one edition, but it does say on the
> bottom of page 15 of my manual:
> "In order to turn the amplifier off, press the red button on the RCU. If
> you are not going to use the amplifier for a long time (more than 30
> minutes), it is best to turn off the amplifier using the Main Power switch
> (on the main amplifier chassis) as well."
>
> Barry, W2UP
>
> O

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922. RE: [Acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 21:34:38 UTC
From: Larry Riley
Topic: 911 Message: 922

So much for the Acom list huh?
Goodbye.....White this
Eric Scace K3NA <eric@...> wrote:Actually, one may wear white on Memorial Day until Labor Day. There is no logic; it's just a USA social convention... valuable
because it gives one something to flaunt, when the occasion arises where one wishes to go against convention.

-- Eric K3NA

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: 2002 December 2 Mon 07:14
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Turn amp on and off, or leave on?

But why? I think people are searching for reasons. My XYL has a
whole bunch of "rules",(i.e. one doesn't wear white till June) which
don't have a basis.

73 de Brian/K3KO

Barry wrote:
>
> So someone actually reads (and remembers) the manual!
>
> I don't know if there's more than one edition, but it does say on the
> bottom of page 15 of my manual:
> "In order to turn the amplifier off, press the red button on the RCU. If
> you are not going to use the amplifier for a long time (more than 30
> minutes), it is best to turn off the amplifier using the Main Power switch
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>
> Barry, W2UP
>
> O

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923. RE: [Acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 21:38:21 UTC
From: Barry
Topic: 911 Message: 923

The Acom and fashion list?

BTW, let's not forget the exception to the rule - if you live in FL and are playing shuffleboard, white is OK year-round :.)
Barry

On 2 Dec 2002 Larry Riley wrote:

>
> So much for the Acom list huh?
> Goodbye.....White this
> Eric Scace K3NA <eric@...> wrote:Actually, one may wear white on Memorial Day until Labor Day. There is no logic; it's just a USA social convention... valuable
> because it gives one something to flaunt, when the occasion arises where one wishes to go against convention.
>
> -- Eric K3NA
>
> -----Original Message-----
> From: alsopb [mailto:alsopb@...]
> Sent: 2002 December 2 Mon 07:14
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Turn amp on and off, or leave on?
>
>
> But why? I think people are searching for reasons. My XYL has a
> whole bunch of "rules",(i.e. one doesn't wear white till June) which
> don't have a basis.
>
> 73 de Brian/K3KO
>
> Barry wrote:
> >
> > So someone actually reads (and remembers) the manual!
> >
> > I don't know if there's more than one edition, but it does say on the
> > bottom of page 15 of my manual:
> > "In order to turn the amplifier off, press the red button on the RCU. If
> > you are not going to use the amplifier for a long time (more than 30
> > minutes), it is best to turn off the amplifier using the Main Power switch
> > (on the main amplifier chassis) as well."
> >
> > Barry, W2UP
> >
> > O
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

924. RE: [Acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 23:41:51 UTC
From: Eric Scace K3NA
Topic: 911 Message: 924

Sorry! Obviously I succumbed to the temptation to be way too silly (and I should know better). Can we put my transgression behind
us and go on to something Acom-related? Thanks for your patience and forgiveness...

-- Eric

-----Original Message-----
From: Larry Riley [mailto:w8mis@...]
Sent: 2002 December 2 Mon 16:35
To: acom-list@yahoogroups.com
Subject: RE: [Acom-list] Turn amp on and off, or leave on?

So much for the Acom list huh?
Goodbye.....White this
Eric Scace K3NA <eric@...> wrote:Actually, one may wear white on Memorial Day until Labor Day. There is no logic; it's just a
USA social convention... valuable
because it gives one something to flaunt, when the occasion arises where one wishes to go against convention.

-- Eric K3NA

-----Original Message-----
From: alsopb [mailto:alsopb@...]
Sent: 2002 December 2 Mon 07:14
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Turn amp on and off, or leave on?

But why? I think people are searching for reasons. My XYL has a
whole bunch of "rules",(i.e. one doesn't wear white till June) which
don't have a basis.

73 de Brian/K3KO

Barry wrote:
>
> So someone actually reads (and remembers) the manual!
>
> I don't know if there's more than one edition, but it does say on the
> bottom of page 15 of my manual:
> "In order to turn the amplifier off, press the red button on the RCU. If
> you are not going to use the amplifier for a long time (more than 30
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> (on the main amplifier chassis) as well."
>
> Barry, W2UP
>

> O

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925. Re: [Acom-list] Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-02 23:52:26 UTC
From: Bob Naumann - N5NJ
Topic: 911 Message: 925

I find a little humor to be refreshing and appropriate every now and then.

de N5NJ

----- Original Message -----
From: "Eric Scace K3NA" <eric@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, December 02, 2002 5:41 PM
Subject: RE: [Acom-list] Turn amp on and off, or leave on?

> Sorry! Obviously I succumbed to the temptation to be way too silly (and I should know better). Can we put my transgression behind
> us and go on to something Acom-related? Thanks for your patience and forgiveness...
>
> -- Eric
>
> -----Original Message-----
> From: Larry Riley [mailto:w8mis@...]
> Sent: 2002 December 2 Mon 16:35
> To: acom-list@yahoogroups.com
> Subject: RE: [Acom-list] Turn amp on and off, or leave on?
>
>
>
> So much for the Acom list huh?
> Goodbye.....White this
> Eric Scace K3NA <eric@...> wrote:Actually, one may wear white on Memorial Day until Labor Day. There is no logic; it's just a
> USA social convention... valuable
> because it gives one something to flaunt, when the occasion arises where one wishes to go against convention.
>
> -- Eric K3NA
>
> -----Original Message-----
> From: alsopb [mailto:alsopb@...]
> Sent: 2002 December 2 Mon 07:14
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Turn amp on and off, or leave on?
>
>
>
> But why? I think people are searching for reasons. My XYL has a
> whole bunch of "rules",(i.e. one doesn't wear white till June) which
> don't have a basis.
>

> 73 de Brian/K3KO
>
> Barry wrote:
> >
> > So someone actually reads (and remembers) the manual!
> >
> > I don't know if there's more than one edition, but it does say on the
> > bottom of page 15 of my manual:
> > "In order to turn the amplifier off, press the red button on the RCU. If
> > you are not going to use the amplifier for a long time (more than 30
> > minutes), it is best to turn off the amplifier using the Main Power
switch
> > (on the main amplifier chassis) as well."
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926. 2000A to 2000S interconnect

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-03 01:47:05 UTC
From: N1EU
Topic: 926 Message: 926

I'd appreciate info on the proper RS-232 cable to connect the 2000A and 2000S antenna switch controller. Not too clear from looking at the online manuals. Is it DB-9F to DB-9M, null modem (not straight thru)?

Thanks & 73,
Barry N1EU

927. FW: [acom-list] 2000A to 2000S interconnect

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-03 02:49:50 UTC
From: Jim Idelson
Topic: 927 Message: 927

Barry,

You probably don't know the significance of your question. Many an Acom user has succumbed before finding the correct answer to this seemingly simple question.

The cable is technically a null-modem type. But . . .

DO NOT USE AN OFF-THE-SHELF NULL-MODEM CABLE!

So-called null-modem cables you buy in the store have extra wires connected that will cause your 2000A to MALFUNCTION!

BUILD this cable and it will work:

DB9F-to-DB9F
Pin to Pin
2 3
3 2
5 5

3 wires only.

Doing this will allow you to keep some amount of your hair a little bit longer.

73!

Jim K1IR

-----Original Message-----
From: "N1EU"<n1eu@...>
Sent: 12/02/2002 8:47:05 PM
To: "acom-list@yahoogroups.com"<acom-list@yahoogroups.com>
Subject: [acom-list] 2000A to 2000S interconnect

I'd appreciate info on the proper RS-232 cable to connect the 2000A
and 2000S antenna switch controller. Not too clear from looking at
the online manuals. Is it DB-9F to DB-9M, null modem (not straight
thru)?

Thanks & 73,
Barry N1EU

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928. Re: Turn amp on and off, or leave on?

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-03 16:56:08 UTC
From: dickgreen03755
Topic: 911 Message: 928

I asked the Acom factory about this a while back. Here's the answer:

Hello Dick,

I have received your question via Krassy. I'm glad that the amplifier is repaired.

There is not a technical problem for 2000A to work all the time with the RCU powered (on duty). The recommendation in the manual is not related to any special regime of the parts inside the amplifier but is a general safety recommendation.

Only the RCU microprocessor system is live at that time and its consumption is less than 0.5 Watts. Also, the LV rectifiers for +/- 12V, +24V, +48V, and -125V are powered, but there is no consumption there until you press the red ON/OFF button on the RCU. The HV transformer primary, High Voltage, Screen Grids Voltage, Motors Voltage, and Heaters Voltage are off.

The CPU (the microprocessor system inside the main unit) is not powered at that time, so you cannot turn ON the amplifier via a command via the serial port. It is necessary to make an additional connection to remotely power ON the CPU. This is described in the technical CD.

On the whole, it is safe for the amplifier to leave the main power switch ON all the time.

Best 73! Vasco, LZ1JK Sofia, 12 March 2001

Jim's point about lightning is well-taken, though. For ultimate safety, unplug it from the wall and the coax.

73, Dick WC1M

--- In acom-list@y..., "N2TK" <tony.kaz@v...> wrote:
> I would be curious to hear from Acom why they recommend turning off the main
> power switch. As they also sell RCU extension cables, they must know that
> the amp will not be easily accessible in all cases. Also, would like to know
> why they recommend turning off the amp if not in use for more than 30
> minutes.
> Tony
> N2TK

>
> -----Original Message-----
> From: Barry [mailto:w2up@m...]
> Sent: Monday, December 02, 2002 07:08
> To: Eric Scace K3NA; acom-list@y...
> Subject: RE: [acom-list] Turn amp on and off, or leave on?
>
> So someone actually reads (and remembers) the manual!
>
> I don't know if there's more than one edition, but it does say on
the
> bottom of page 15 of my manual:
> "In order to turn the amplifier off, press the red button on the
RCU. If
> you are not going to use the amplifier for a long time (more than 30
> minutes), it is best to turn off the amplifier using the Main Power
switch
> (on the main amplifier chassis) as well."
>
> Barry, W2UP
>
> On 1 Dec 2002 Eric Scace K3NA wrote:
>
> > Recently I read the instruction manual for the 2000. As I
recall, it
> said to shut the amp off from the keypad if you weren't
> > going to be using it for a half-hour or so... and to turn off the
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> switch on the front of the amp if you were not planning to
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> >
> > My memory is imperfect... but I'd start by looking for
information in
> the instruction manual. And tell us what you find:
> > obviously we've all forgotten since our first exciting day
unpacking the
> Beast!
> >
> > -- Eric K3NA
> >
> > -----Original Message-----
> > From: Barry [mailto:w2up@m...]
> > Sent: 2002 December 1 Sun 18:49
> > To: acom-list@y...
> > Subject: [acom-list] Turn amp on and off, or leave on?
> >
> >
> > Say it's a weekend, and I'm in and out of the shack. I may work
some
> > DX in the morning, then come back late afternoon, etc.

> >
> > Is it better for the amp/tubes to just leave the amp on all day,
or shut
> > down and turn it back on later in the day, if needed?
> >
> > Interested in your opinions...
> > Barry, W2UP
> > --
> > Barry Kutner, W2UP Internet: w2up@m...
> > Newtown, PA Frankford Radio Club
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929. screen voltage error message

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-10 19:55:22 UTC
From: Eric Scace K3NA
Topic: 929 Message: 929

Hi --

A very odd thing happened to us at W1KM, where there are now two Acom 2000's installed. The Acom's are quite new, with about 75
hours of service. Here is what happened, as best as can be reconstructed by the operator (who was 24++ hours into the WW CW contest
and getting tired)...

-- Some fault occurred, possibly the amp was driven too hard.
-- Attempting to reset the amp to operate didn't work. A message along the lines of "screen voltage on before warm-up over"
appeared.
-- The manual suggested waiting 5 minutes and trying again. This didn't work.

-- The second Acom was later switched off for some reason. When the second amp was switched back on, the same error message
occurred!

-- Even after being off for many, many hours, the amps still display these messages when starting up.

Very odd that this would occur to two different units!

Help?

-- Eric Scace K3NA

930. new acom 1000 owner...

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-11 03:03:13 UTC
From: Mitch, W4OA
Topic: 929 Message: 930

hi... mitch here at vibroplex....

i'm the happy bid winner for the acom 1000 qst
product review unit... i'm anxious to get the
amp and check it out... any 'gotchas' that i
need to watch out for? i plan to use the
amp mostly for 6 meters, with occasional
hf use...

mitch, w4oa

Mitch, W4OA The Vibroplex Co., Inc.
w4oa@... 11 E. Midtown Park
www.vibroplex.com Mobile, AL 36606-4141

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.427 / Virus Database: 240 - Release Date: 12/6/2002

931. ANT RELAY CLOSED: It should be open

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-13 15:54:48 UTC
From: ted demopoulos
Topic: 931 Message: 931

Any one know if anyone at ACOM reads info@...?? Sent an email over
a week ago with no response.

I've got a failure - the message is "ANT RELAY CLOSED: It should be open"
Happens when I TX. ANy ideas???

Thanks es 73
Ted KT1V
kt1v@...

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932. Kilovac Relay rf pinouts

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-13 23:13:37 UTC
From: N1EU <n1eu@yahoo.com>
Topic: 932 Message: 932

Would appreciate it if someone could identify which of the 3 large terminals and 1 small terminal on the rf side of the Kilovac HC-1 relay is common, n/o and n/c? Alternately, just a visible description of which 2000A rf cables are connected to which terminals on the HC-1 would do the trick. Some amps have a colored Russian relay, but I need info for the Kilovac.

Thanks very much for any help & 73,
Barry N1EU

933. Re: [acom-list] ANT RELAY CLOSED: It should be open

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-13 23:51:58 UTC
From: R. Sigismonti
Topic: 931 Message: 933

I had exactly the same problem with my 2000A shortly after I bought it.
It was a defective relay. Krassey sent me a new relay and also
instructions on how to replace it. It is not as easy as one might
first believe, but it isn't terribly difficult either. Contact Krassey
and I'm sure he can help you.

de Sig, N3RS

On Friday, December 13, 2002, at 10:54 AM, ted demopoulos wrote:

> Any one know if anyone at ACOM reads info@...?? Sent an
> email over
> a week ago with no response.
>
> I've got a failure - the message is "ANT RELAY CLOSED: It should be
> open"
> Happens when I TX. ANy ideas???
>
> Thanks es 73
> Ted KT1V
> kt1v@...
>
>
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934. Re: Kilovac Relay rf pinouts

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-14 16:44:45 UTC
From: N1EU <n1eu@yahoo.com>
Topic: 932 Message: 934

Stan from the factory replied to me directly. Those guys are
incredibly helpful.

If anyone else needs the info, please email me.

73,
Barry N1EU

--- In acom-list@yahoogroups.com, "N1EU <n1eu@y...>" <n1eu@y...>
wrote:
> Would appreciate it if someone could identify which of the 3 large
> terminals and 1 small terminal on the rf side of the Kilovac HC-1
> relay is common, n/o and n/c? Alternately, just a visible
> description of which 2000A rf cables are connected to which
terminals
> on the HC-1 would do the trick. Some amps have a colored Russian
> relay, but I need info for the Kilovac.
>
> Thanks very much for any help & 73,
> Barry N1EU

935. Re: [acom-list] ANT RELAY CLOSED: It should be open

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-18 13:07:48 UTC
From: Brian, N8WRL
Topic: 931 Message: 935

Hi Ted!

ACOM is usually VERY responsive. I've dealt with Krassy in the past and Will (k6nd@... from the website) lately. Both respond the same day.

-Brian n8wrl
----- Original Message -----
From: ted demopoulos
To: acom-list@yahoogroups.com
Cc: info@... ; kt1v@...
Sent: Friday, December 13, 2002 10:54 AM
Subject: [acom-list] ANT RELAY CLOSED: It should be open

Any one know if anyone at ACOM reads info@...?? Sent an email over
a week ago with no response.

I've got a failure - the message is "ANT RELAY CLOSED: It should be open"
Happens when I TX. ANy ideas???

Thanks es 73
Ted KT1V
kt1v@...

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[Non-text portions of this message have been removed]

936. Re: [acom-list] ANT RELAY CLOSED: It should be open

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-19 05:23:00 UTC
From: ted demopoulos
Topic: 931 Message: 936

Brian,

Thanks for the response!

Turns out that email stopped working for some reason. Yes, Krassy and Will
have been super responsive in the past, and Will called as soon as I posted

73
Ted KT1V

>From: "Brian, N8WRL" <n8wrl@...>
>Reply-To: acom-list@yahoogroups.com
>To: <kt1v@...>,<acom-list@yahoogroups.com>
>Subject: Re: [acom-list] ANT RELAY CLOSED: It should be open
>Date: Wed, 18 Dec 2002 08:07:48 -0500
>
>Hi Ted!
>
>ACOM is usually VERY responsive. I've dealt with Krassy in the past and
>Will (k6nd@... from the website) lately. Both respond the same day.
>
>-Brian n8wrl
> ----- Original Message -----
> From: ted demopoulos
> To: acom-list@yahoogroups.com
> Cc: info@... ; kt1v@...
> Sent: Friday, December 13, 2002 10:54 AM
> Subject: [acom-list] ANT RELAY CLOSED: It should be open
>
>
> Any one know if anyone at ACOM reads info@...?? Sent an email
>over
> a week ago with no response.
>
> I've got a failure - the message is "ANT RELAY CLOSED: It should be
>open"
> Happens when I TX. ANy ideas???
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> Thanks es 73
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937. Re: [acom-list] ANT RELAY CLOSED: It should be open

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-19 12:32:15 UTC
From: Brian, N8WRL
Topic: 931 Message: 937

Glad to hear it. Let us know what the problem ends up being as I collect that stuff to help with the debugging in case I see the same problem in the future.

-Brian n8wrl
----- Original Message -----
From: ted demopoulos
To: acom-list@yahoogroups.com
Sent: Thursday, December 19, 2002 12:23 AM
Subject: Re: [acom-list] ANT RELAY CLOSED: It should be open

Brian,

Thanks for the response!

Turns out that email stopped working for some reason. Yes, Krassy and Will
have been super responsive in the past, and Will called as soon as I posted

73
Ted KT1V

>From: "Brian, N8WRL" <n8wrl@...>
>Reply-To: acom-list@yahoogroups.com
>To: <kt1v@...>,<acom-list@yahoogroups.com>
>Subject: Re: [acom-list] ANT RELAY CLOSED: It should be open
>Date: Wed, 18 Dec 2002 08:07:48 -0500
>
>Hi Ted!
>
>ACOM is usually VERY responsive. I've dealt with Krassy in the past and
>Will (k6nd@... from the website) lately. Both respond the same day.
>
>-Brian n8wrl
> ----- Original Message -----
> From: ted demopoulos
> To: acom-list@yahoogroups.com
> Cc: info@... ; kt1v@...
> Sent: Friday, December 13, 2002 10:54 AM
> Subject: [acom-list] ANT RELAY CLOSED: It should be open
>
>
> Any one know if anyone at ACOM reads info@...?? Sent an email
>over
> a week ago with no response.
>
> I've got a failure - the message is "ANT RELAY CLOSED: It should be
>open"

> Happens when I TX. ANy ideas???
>
> Thanks es 73
> Ted KT1V
> kt1v@...
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938. OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 03:57:42 UTC
From: exhper <thaxton@ptgroup.com>
Topic: 938 Message: 938

So I've been getting the infamous "arc fault" msg. from my amp. Did a search of the forum list and took some ideas and follwed them thru., i.e. new coax, new connectors, etc. Now here's the head scratcher....the amp works just fine on any band I pick one day and the next day it starts arc faulting again. Works fine again, starts faulting again. Weather has no effect,etc.

I've varied drive levels, set usr def. tunings, etc....no difference, still faults one day, works the next!! So anybody have any suggestions?? Is this behavior a sympton of something else failing in the amp? When it's working I get out like gang busters....:) It's a little disconcerting to be in the middle of a conversation that's been going on for a while and have the amp decide to arc fault. No pattern here I can see, ie drive power, weather, moon phases, star alignment, etc....:)

Suggestions????

939. Re: [acom-list] OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 04:02:57 UTC
From: Bob Naumann - N5NJ
Topic: 938 Message: 939

Usually, the arcing is on your antenna, or in your antenna system somewhere.

I would look there for the problem first.

----- Original Message -----
From: <thaxton@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 19, 2002 9:57 PM
Subject: [acom-list] OK I'm stumped...:)

> So I've been getting the infamous "arc fault" msg. from my amp. Did a
> search of the forum list and took some ideas and follwed them thru.,
> i.e. new coax, new connectors, etc. Now here's the head
> scratcher....the amp works just fine on any band I pick one day and
> the next day it starts arc faulting again. Works fine again, starts
> faulting again. Weather has no effect,etc.
>
> I've varied drive levels, set usr def. tunings, etc....no difference,
> still faults one day, works the next!! So anybody have any
> suggestions?? Is this behavior a sympton of something else failing in
> the amp? When it's working I get out like gang busters....:) It's a
> little disconcerting to be in the middle of a conversation that's been
> going on for a while and have the amp decide to arc fault. No pattern
> here I can see, ie drive power, weather, moon phases, star alignment,
> etc....:)
>
> Suggestions????
>
>
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940. Re: OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 05:09:07 UTC
From: exhper <thaxton@ptgroup.com>
Topic: 938 Message: 940

--- In acom-list@yahoogroups.com, "Bob Naumann - N5NJ" <n5nj@g...> wrote:
> Usually, the arcing is on your antenna, or in your antenna system somewhere.
>
> I would look there for the problem first.
>
> ----- Original Message -----

Yep I thought of that. I've replaced every chunk of coax and the connectors with tested good cable and connectors. The only piece I haven't replaced, yep you guessed it, is the piece running from the antenna down to the hardline...:) I'd replace that but the wind here in N. Colorado at the moment is blowing hard enough to move small farm animals...:) Hanging up in the air while that is going on is not my idea of a good time...:) If it's in the hard line I'll be suprised since that tested perfect during the install and subsequent sweep tests. It's always the "piece" at the end of line isn't it...:)

941. Re: [acom-list] OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 05:19:14 UTC
From: Phil ON4VP
Topic: 938 Message: 941

I go along with Bob's idea ... What kind of antenna do you use, traps, linear loading, matching type ?
It's possible that where the mechanical connections are, high voltage occure, or plastic insulation is used that moisture, water, even high voltage causes the antenna to arc ...

A friend of mine had his KLM KT34XA linear loading elements on the driver arcing the same way without any pattern.
It's almost like 'heating' up the damn thing and after a while the antenna can't handle the power anymore ...

G.L. in finding ur fault ...
ON4VP
----- Original Message -----
From: Bob Naumann - N5NJ
To: acom-list@yahoogroups.com
Sent: Friday, December 20, 2002 5:02 AM
Subject: Re: [acom-list] OK I'm stumped...:)

Usually, the arcing is on your antenna, or in your antenna system somewhere.

I would look there for the problem first.

----- Original Message -----
From: <thaxton@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 19, 2002 9:57 PM
Subject: [acom-list] OK I'm stumped...:)

> So I've been getting the infamous "arc fault" msg. from my amp. Did a
> search of the forum list and took some ideas and follwed them thru.,
> i.e. new coax, new connectors, etc. Now here's the head
> scratcher....the amp works just fine on any band I pick one day and
> the next day it starts arc faulting again. Works fine again, starts
> faulting again. Weather has no effect,etc.
>
> I've varied drive levels, set usr def. tunings, etc....no difference,
> still faults one day, works the next!! So anybody have any
> suggestions?? Is this behavior a sympton of something else failing in
> the amp? When it's working I get out like gang busters....:) It's a
> little disconcerting to be in the middle of a conversation that's been
> going on for a while and have the amp decide to arc fault. No pattern
> here I can see, ie drive power, weather, moon phases, star alignment,
> etc....:)
>
> Suggestions????
>

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[Non-text portions of this message have been removed]

942. Re: OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 06:06:18 UTC
From: exhper <thaxton@ptgroup.com>
Topic: 938 Message: 942

--- In acom-list@yahoogroups.com, "Phil ON4VP" <on4vp@p...> wrote:
> I go along with Bob's idea ... What kind of antenna do you use,
traps, linear loading, matching type ?
> It's possible that where the mechanical connections are, high
voltage occure, or plastic insulation is used that moisture, water,
even high voltage causes the antenna to arc ...
>
> A friend of mine had his KLM KT34XA linear loading elements on the
driver arcing the same way without any pattern.
> It's almost like 'heating' up the damn thing and after a while the
antenna can't handle the power anymore ...
>
> G.L. in finding ur fault ...
> ON4VP

I have a Force12 XR-5 antenna. I would agree with the "mechanical"
connection problem. I suspect, can't prove it until I climb the
tower, that it is the coax running into the anntenna balun from the
hardline connection down below. It could very well be the pl259
connector or the N connector at the hardline junction. Nothing like a
"little" power to show up bad "connections".....:) High quality cable
used through out the setup by the way, i.e. Bury flex and commscope
hardline. Gold center pin, silver plated, teflon insulator on both
pl259 and N connectors. All soldered, no crimping involved....learned
my lesson on that...:)

943. Re: [acom-list] OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 10:11:55 UTC
From: alsopb
Topic: 938 Message: 943

You didn't say what type of connectors your are using. Or if it is
only on one antenna.

If UHF:

Disassemble all UHF connectors and look for carbon on center pins or
in the female recepticle.

The newer UHF connectors don't seem to have the mechanical spring
force that older ones do. Also there are some UHF male connectors out
there with undersized center pins.

If the connector pulls apart very easy, it's a possible source of
problem.

Also look at any other stuff connected between the amp and antenna
(antenna switch boxes et al). The chassis mount UHF connectors that
are attached with a nut can be a problem. They not only suffer from
lack of spring force as above but can become loose or corroded at the
nut.

If type N connectors:

The older type connectors with non-captive center pins suffered from
the center pin pulling out. It can happen through mechanical cycling
or from heat/cold cycles. It doesn't take much to have a problem.

If you can find a high power dummy load somewhere, put it at the
feedpoint and see if the problem occurs. If so work backwards from
that point until the problem goes away.

Another possibility if you have multiple antennas with multiple
feedlines and only one antenna exhibits the problem. Swap feedlines.
You might be able to narrow it down to a feedline problem or an
antenna problem.

Real hams don't do antenna work until after the snow flies.

GL
73 de Brian/K3KO

"exhper " wrote:
>
> So I've been getting the infamous "arc fault" msg. from my amp. Did a
> search of the forum list and took some ideas and follwed them thru.,
> i.e. new coax, new connectors, etc. Now here's the head
> scratcher....the amp works just fine on any band I pick one day and
> the next day it starts arc faulting again. Works fine again, starts

> faulting again. Weather has no effect,etc.
>
> I've varied drive levels, set usr def. tunings, etc....no difference,
> still faults one day, works the next!! So anybody have any
> suggestions?? Is this behavior a sympton of something else failing in
> the amp? When it's working I get out like gang busters....:) It's a
> little disconcerting to be in the middle of a conversation that's been
> going on for a while and have the amp decide to arc fault. No pattern
> here I can see, ie drive power, weather, moon phases, star alignment,
> etc....:)
>
> Suggestions????
>
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944. Re: OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 12:34:03 UTC
From: N1EU <n1eu@yahoo.com>
Topic: 938 Message: 944

It could be the vacuum relay.

In my case, the 2000A faulted with either of two completely separate
antennas and feedlines.

I would contact Acom if you haven't already.

GL & 73,
Barry N1EU

--- In acom-list@yahoogroups.com, "exhper <thaxton@p...>"
<thaxton@p...> wrote:
> --- In acom-list@yahoogroups.com, "Bob Naumann - N5NJ" <n5nj@g...>
wrote:
> > Usually, the arcing is on your antenna, or in your antenna system
> somewhere.
> >
> > I would look there for the problem first.
> >
> > ----- Original Message -----
>
> Yep I thought of that. I've replaced every chunk of coax and the
> connectors with tested good cable and connectors. The only piece I
> haven't replaced, yep you guessed it, is the piece running from the
> antenna down to the hardline...:) I'd replace that but the wind
here
> in N. Colorado at the moment is blowing hard enough to move small
farm
> animals...:) Hanging up in the air while that is going on is not my
> idea of a good time...:) If it's in the hard line I'll be suprised
> since that tested perfect during the install and subsequent sweep
> tests. It's always the "piece" at the end of line isn't it...:)

945. Re: [acom-list] OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-20 16:47:31 UTC
From: Robert Garwood
Topic: 938 Message: 945

Your "arc fault" problem sounds so very familiar to me. When I took delivery of my ACOM 1000, I was immediately plagued by arc faults, which occurred in the same random (moon phase) manner, which you describe.

During troubleshooting, Krassy passed my problem to Stan, LZ1IU, at the factory. Stan is unbelievably helpful as a remote (email) troubleshooter. By reporting fault codes to Stan, and by running the tests he prescribed, Stan decided that the problem was a defective vacuum relay. Ever since I replaced the relay, I've never seen an arc fault.

Hoping that this might be a new clue. Good luck & seasons greetings.

73,
Bob, W?BV

----- Original Message -----
From: <thaxton@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, December 20, 2002 3:57 AM
Subject: [acom-list] OK I'm stumped...:)

> So I've been getting the infamous "arc fault" msg. from my amp. Did a
> search of the forum list and took some ideas and follwed them thru.,
> i.e. new coax, new connectors, etc. Now here's the head
> scratcher....the amp works just fine on any band I pick one day and
> the next day it starts arc faulting again. Works fine again, starts
> faulting again. Weather has no effect,etc.
>
> I've varied drive levels, set usr def. tunings, etc....no difference,
> still faults one day, works the next!! So anybody have any
> suggestions?? Is this behavior a sympton of something else failing in
> the amp? When it's working I get out like gang busters....:) It's a
> little disconcerting to be in the middle of a conversation that's been
> going on for a while and have the amp decide to arc fault. No pattern
> here I can see, ie drive power, weather, moon phases, star alignment,
> etc....:)
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> Suggestions????
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946. Re: [acom-list] Re: OK I'm stumped...:)

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-22 14:00:13 UTC
From: Giorgio Goggi
Topic: 938 Message: 946

It could be also the tranceiver. I had similar problems, with a semi random occurrence of 'arc fault' messages when swithching to 30m and 40m, in both cases with antennas having excellent SWR.

It turned out that something deteriorated in the tranceiver, the output waveform was such as not to be correctly measured by the frequency detection in the amplifier. Result: the amplifier did not switch to the correct settings for the output circuits and instant 'arc fault' protection.

I tried a different (and newer) tranceiver, and everything worked fine.
Hope it will be of some help.

Best Christmas wishes,
Giorgio, I2KMG

"N1EU " wrote:

> It could be the vacuum relay.
>
> In my case, the 2000A faulted with either of two completely separate
> antennas and feedlines.
>
> I would contact Acom if you haven't already.
>
> GL & 73,
> Barry N1EU
>
> --- In acom-list@yahoogroups.com, "exhper <thaxton@p...>"
> <thaxton@p...> wrote:
> > --- In acom-list@yahoogroups.com, "Bob Naumann - N5NJ" <n5nj@g...>
> wrote:
> > > Usually, the arcing is on your antenna, or in your antenna system
> > somewhere.
> > >
> > > I would look there for the problem first.
> > >
> > > ----- Original Message -----
> >
> > Yep I thought of that. I've replaced every chunk of coax and the
> > connectors with tested good cable and connectors. The only piece I
> > haven't replaced, yep you guessed it, is the piece running from the
> > antenna down to the hardline...:) I'd replace that but the wind
> here
> > in N. Colorado at the moment is blowing hard enough to move small
> farm
> > animals...:) Hanging up in the air while that is going on is not my

> > idea of a good time...:) If it's in the hard line I'll be suprised
> > since that tested perfect during the install and subsequent sweep
> > tests. It's always the "piece" at the end of line isn't it...:)
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947. Connecting Older Rigs to 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-22 22:53:57 UTC
From: N1EU <n1eu@yahoo.com>
Topic: 947 Message: 947

Would appreciate any advice in avoiding the "detected rf power at wrong time" fault. I'd like to occasionally use my Corsair with the 2000A on ssb. With the Alpha, I just connect the Corsair's t/r relay output to "key in" and it works fine. The Acom faults with this connection scheme. I also ran a footswitch into the Acom's "key in" and then ran "key out" to the Corsair's PTT with similar results.

Any suggestions appreciated.

73 & Happy Holidays,
Barry N1EU

948. Quick Fix!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-23 15:32:54 UTC
From: ted demopoulos
Topic: 948 Message: 948

Am Amazing quick fix to my ACOM.

I dropped in off after lunch on Friday, today (Monday) its already fixed -
has been for a few days.

The level of support id simply superb!

73
Ted KT1V

>From: aa1nd@...
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: Re: [acom-list] Acom 2000A - low heater voltage
>Date: Thu, 7 Nov 2002 08:50:19 EST
>
>CALL ME
>508359 2786
>KRASSY
uick Fix

Protect your PC - get McAfee.com VirusScan Online
http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

949. Quick Fix!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-23 15:32:56 UTC
From: ted demopoulos
Topic: 948 Message: 949

Am Amazing quick fix to my ACOM.

I dropped in off after lunch on Friday, today (Monday) its already fixed -
has been for a few days.

The level of support id simply superb!

73
Ted KT1V

>From: aa1nd@...
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: Re: [acom-list] Acom 2000A - low heater voltage
>Date: Thu, 7 Nov 2002 08:50:19 EST
>
>CALL ME
>508359 2786
>KRASSY
uick Fix

The new MSN 8: smart spam protection and 3 months FREE*.
http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=
http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf

950. Seasons Greetings!

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-24 12:50:46 UTC
From: Bob Naumann - N5NJ
Topic: 950 Message: 950

Dear Acom,

Thanks for another uniquely attractive card!

Merry Christmas and Happy New Year to all!

73,
Bob N5NJ
Acom 2000A

951. AcomTools Assistance

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-28 16:55:24 UTC
From: N1EU <n1eu@yahoo.com>
Topic: 951 Message: 951

Would appreciate help troubleshooting AcomTools running under WinXP with WriteLog 10.36. Is the interconnect a standard straight-thru RS-232 cable that uses the RCU connection on the 2000A? I'm using COM2 and I know the port is working. But I can't get any readings from the 2000A and I also get messages that AcomTools can't communicate with WriteLog. Not much offered in the Help file or on the Web so I'm hoping someone on the reflector might shed some light.

Thanks & happy holidays,
Barry N1EU

952. Re: [acom-list] AcomTools Assistance

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-28 20:43:50 UTC
From: Barry
Topic: 951 Message: 952

AcomTools doesn't work correctly with XP. Sometimes it communicates
with WL, sometimes it doesn't. It never reads the power correctly, as it
does on Win98.
From what I've heard, the original author is no longer involved in it, so
don't know if it will ever be fixed. Too bad...
Barry, W2UP

On 28 Dec 2002 N1EU n1eu@... wrote:

> Would appreciate help troubleshooting AcomTools running under WinXP
> with WriteLog 10.36. Is the interconnect a standard straight-thru RS-
> 232 cable that uses the RCU connection on the 2000A? I'm using COM2
> and I know the port is working. But I can't get any readings from
> the 2000A and I also get messages that AcomTools can't communicate
> with WriteLog. Not much offered in the Help file or on the Web so
> I'm hoping someone on the reflector might shed some light.
>
> Thanks & happy holidays,
> Barry N1EU
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

953. ACOM Customer Service- a testimonial

Yahoo group: acom-list (1999 — 2009)
Date: 2002-12-31 07:50:51 UTC
From: Jim Movius
Topic: 953 Message: 953

Greetings,

Purchased an ACOM 2000A, Ser. No. 990147 from FinnFet in Finland in early 1999, prior to sales and service in the US. Warranty at time of purchase was 1 year. In February 2001, 2 of the 3 heater circuit MOLEX connectors failed. Vasco at Sofia, explained that early units had bad connectors, advised of a hard wire repair, and mailed 3 sets of good connectors as replacements. The hard wire repair was accomplished prior to receipt of the connectors, and the amp worked without fault until Dec. 2002 when it intermittently tripped off or failed to start up, giving a low bias voltage message. Running time for the amp was 1826 hours.

To make a long story short, after some diagnostic work and talking with Krassy and Will at the MA facility, the amp was sent to them and they replaced the low voltage board and all 3 sets of heater MOLEX connectors, and tested the amp--all at no charge for the repairs. On the first start-up after return just one day shy of 2 weeks after sending it off, the same low bias voltage message recurred, and the tubes were replaced with spares purchased from Vasco in 2001-my guess, and this is only a guess, is that there was an intermittent tube fault which initiated the trouble.

So far so good with 10 hours on the new tubes.

The service "above and beyond" the published warranty at time of purchase was exemplary--per Krassy they treated it as a 4 year warranty. Their help (Stan in Sofia even lent a hand via email) is most appreciated and worthy of note by all on the acom-list. As far as I am concerned, ACOM has established the "Gold Standard" for service after the sale.

Happy New Year to all from Fairbanks, Alaska where as this is written it is clear and -29 F.

Jim, KL7JM

[Non-text portions of this message have been removed]

954. Re: [acom-list] ACOM Customer Service- a testimonial

Yahoo group: acom-list (1999 — 2009)
Date: 2003-01-01 19:04:03 UTC
From: ea5by@lynxdxg.com
Topic: 953 Message: 954

HNY to all of you!

Even here in Spain where we have no Distributor (as far as I know), we always had an excellent response from Acom (Sofia) or FinnFet.
I had the same problem as Jim and always found solutions in a very short period of time.
Congratulations to Acom's Service.
73 de Tony EA5BY
ea5by@...
LYNX DX Bulletin - Editor

----- Original Message -----
From: "Jim Movius" <ajmovius@...>
To: <acom-list@yahoogroups.com>
Cc: "Will Angenent" <k6nd@...>; <acom@...>
Sent: Tuesday, December 31, 2002 8:50 AM
Subject: [acom-list] ACOM Customer Service- a testimonial

> Greetings,
>
> Purchased an ACOM 2000A, Ser. No. 990147 from FinnFet in Finland in early 1999, prior to sales and service in the US. Warranty at time of purchase was 1 year. In February 2001, 2 of the 3 heater circuit MOLEX connectors failed. Vasco at Sofia, explained that early units had bad connectors, advised of a hard wire repair, and mailed 3 sets of good connectors as replacements. The hard wire repair was accomplished prior to receipt of the connectors, and the amp worked without fault until Dec. 2002 when it intermittently tripped off or failed to start up, giving a low bias voltage message. Running time for the amp was 1826 hours.
>
> To make a long story short, after some diagnostic work and talking with Krassy and Will at the MA facility, the amp was sent to them and they replaced the low voltage board and all 3 sets of heater MOLEX connectors, and tested the amp--all at no charge for the repairs. On the first start-up after return just one day shy of 2 weeks after sending it off, the same low bias voltage message recurred, and the tubes were replaced with spares purchased from Vasco in 2001-my guess, and this is only a guess, is that there was an intermittent tube fault which initiated the trouble.
>
> So far so good with 10 hours on the new tubes.
>
> The service "above and beyond" the published warranty at time of purchase was exemplary--per Krassy they treated it as a 4 year warranty. Their help (Stan in Sofia even lent a hand via email) is most appreciated and worthy of note by all on the acom-list. As far as I am concerned, ACOM has established the "Gold Standard" for service after the sale.

>
> Happy New Year to all from Fairbanks, Alaska where as this is written it
is clear and -29 F.
>
> Jim, KL7JM
>
>
>
> [Non-text portions of this message have been removed]
>
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>
>
>

955. ACOM 1000 Probs

Yahoo group: acom-list (1999 — 2009)
Date: 2003-01-15 10:38:36 UTC
From: mw5epa <mw5epa@btinternet.com>
Topic: 955 Message: 955

Before I contact Dealer etc.. Needed to find out if these are actual problems with my amp or whether it is "user error"

Firstly, the amp has had very little use.. Perhaps 40 hrs total at most

Can anyone confirm if they are supposed to buzz loudly on operation (when TX) ?.. It is more of a buzz than a hum, sharper sounding. I'm not talking super loud but it is noticeable. It's like a 50hz hum but much more bee/wasp sounding & more apparent on some bands rather than others.. Both HF6V & beam here are very well matched to 50 Ohms so I never see a high VSWR at the amp. I operate the amp through a Spike/RFI Filtered multiplug capable of giving 13amps but it is the only thing plugged into it. I measured the main voltage this morning 241+- 1V over the 5 mins the meter was connected.

Secondly, at random intervals during operation, the power meter shoots up to full power for a few milliseconds.. Just long enough for me to notice it before resuming normal operation. Monitoring it on another radio there is no change to the signal quality or level. It becomes more apparent at higher power levels but does it when I am driving it to produce just 120W out as well. My First thought was Arcing at the antenna , especially the HF6V but I have checked it & seemed fine. This observation also applies when using my doublet & beam. I've tried my TS850 / FT920 / FT847 to drive the amp but the same thing happens.

Neither problems cause any error message to be displayed on the LCD & it does not trip.. I have not looked to see if there are any error codes stored yet. Perhaps this is the next step but I wanted to see if anyone else has observed these things.

Regards

Rob MW5EPA

956. Re: [acom-list] ACOM 1000 Probs

Yahoo group: acom-list (1999 — 2009)
Date: 2003-01-15 11:36:17 UTC
From: Bob Naumann - N5NJ
Topic: 955 Message: 956

The Acom 1000 is nearly silent under normal circumstances. I used one in a contest environment running the maximum power level for 48 hours straight at V26B in 2001.

I would try to determine where the noise is coming from when you transmit. Is it actually in the amplifier? Is it in your RFI Filter ? If it's in the amplifier, can you hear where in the amplifier the noise is coming from? Locating it would help in identifying the cause.

GL & 73!

Bob N5NJ
----- Original Message -----
From: <mw5epa@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, January 15, 2003 4:38 AM
Subject: [acom-list] ACOM 1000 Probs

> Before I contact Dealer etc.. Needed to find out if these are actual
> problems with my amp or whether it is "user error"
>
> Firstly, the amp has had very little use.. Perhaps 40 hrs total at
> most
>
> Can anyone confirm if they are supposed to buzz loudly on operation (
> when TX) ?.. It is more of a buzz than a hum, sharper sounding. I'm
> not talking super loud but it is noticeable. It's like a 50hz hum but
> much more bee/wasp sounding & more apparent on some bands rather than
> others.. Both HF6V & beam here are very well matched to 50 Ohms so I
> never see a high VSWR at the amp. I operate the amp through a
> Spike/RFI Filtered multiplug capable of giving 13amps but it is the
> only thing plugged into it. I measured the main voltage this morning
> 241+- 1V over the 5 mins the meter was connected.
>
> Secondly, at random intervals during operation, the power meter
> shoots up to full power for a few milliseconds.. Just long enough for
> me to notice it before resuming normal operation. Monitoring it on
> another radio there is no change to the signal quality or level. It
> becomes more apparent at higher power levels but does it when I am
> driving it to produce just 120W out as well. My First thought was
> Arcing at the antenna , especially the HF6V but I have checked it &
> seemed fine. This observation also applies when using my doublet &
> beam. I've tried my TS850 / FT920 / FT847 to drive the amp but the
> same thing happens.
>
> Neither problems cause any error message to be displayed on the LCD &

> it does not trip.. I have not looked to see if there are any error
> codes stored yet. Perhaps this is the next step but I wanted to see
> if anyone else has observed these things.
>
> Regards
>
> Rob MW5EPA
>
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957. RE: ACOM 1000 Problems?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-01-15 12:35:43 UTC
From: mw5epa <mw5epa@btinternet.com>
Topic: 957 Message: 957

Ok, after spending a couple of hours trawling through previous messages about Arcing faults, It's seems the second problem I have sounds so simular except my amp doesn't trip out. It simply has a millisecond as though it's putting out 1025 watts & then the power bar looks normal. When I thought about it , the one thing all my antennas have in common is the fact they all run through a few RG213 patch leads. The Radio is Fed to a LPF then the amp, then the ATU so I will check the patch leads first.. I use H100 Semi-airspaced for the antennas which means I can't actually solder the end of the PL259's since the inner conductor is only just thick enough to come through .. Could this be it?

Rob MW5EPA

958. modifications

Yahoo group: acom-list (1999 — 2009)
Date: 2003-02-23 13:47:54 UTC
From: Andy Fyodoroff <rw3ah001@yahoo.com>
Topic: 958 Message: 958

Hi guys!

Question. Did ACOM has any modifications for "ACOM-2000" after
complains from some HAM's (i.e plastic pins for final tube panel,
bad contacts and etc) ? What type of (Subj) they have ?
Where I can find this info ?

Thanks for reply in advance.

73 de Andy yu8/9x0a

959. Re: [acom-list] modifications

Yahoo group: acom-list (1999 — 2009)
Date: 2003-02-23 15:36:13 UTC
From: aa1nd@aol.com
Topic: 958 Message: 959

Yes all Molex connectors which give as a problems on the past are replaced
with AMP connectors .
Krassy K1LZ

960. Re: modifications

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-07 16:38:44 UTC
From: jx7dfa
Topic: 958 Message: 960

Acom 2000a s/n 000146
la7dfa (jx7dfa)

When were the Molex connectors replaced ?

Would soldering directly on the pins do the job just as well as new connectors (in case of future problems) ?

Please advice.

-Per-

--- In acom-list@yahoogroups.com, aa1nd@a... wrote:
> Yes all Molex connectors which give as a problems on the past are replaced
> with AMP connectors .
> Krassy K1LZ

961. Re: modifications

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-11 15:03:09 UTC
From: jx7dfa
Topic: 958 Message: 961

I got a direct reply from Acom.
They said mine was the third amplifier fitted with the new connectors.
:-)

--- In acom-list@yahoogroups.com, "jx7dfa" <la7dfa@q...> wrote:
> Acom 2000a s/n 000146
> la7dfa (jx7dfa)
>
> When were the Molex connectors replaced ?
>
> Would soldering directly on the pins do the job just as well as new
> connectors (in case of future problems) ?
>
> Please advice.
>
> -Per-
>
>
> --- In acom-list@yahoogroups.com, aa1nd@a... wrote:
> > Yes all Molex connectors which give as a problems on the past
are
> replaced
> > with AMP connectors .
> > Krassy K1LZ

962. AcomTools update?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-11 15:26:47 UTC
From: Barry
Topic: 958 Message: 962

Krassy,
Can you comment on the progress (if any) of an update for the
AcomTools software to control the amp via computer? As we discussed
by telephone last year, it does not work on Windows XP.
Tnx,
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

963. Re: [acom-list] AcomTools update?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-13 02:26:53 UTC
From: N0AT
Topic: 958 Message: 963

Barry,

During the ARRL DX contest I used AcomTools with Writelog on my XP machine.
It worked great. No problems.

73 de Ron N?AT

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Tuesday, March 11, 2003 09:26
Subject: [acom-list] AcomTools update?

Krassy,
Can you comment on the progress (if any) of an update for the
AcomTools software to control the amp via computer? As we discussed
by telephone last year, it does not work on Windows XP.
Tnx,
Barry, W2UP
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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964. unscribe

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-13 02:25:19 UTC
From: WA7NRX@earthlink.net
Topic: 964 Message: 964

[Body unavailable in the source archive]

965. [acom-list] unscribe

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-13 03:47:23 UTC
From: Bob Serwy
Topic: 964 Message: 965

[Body unavailable in the source archive]

966. Reset

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-29 01:27:21 UTC
From: k4ja
Topic: 966 Message: 966

Hello All

I brushed the controls pannel this afternoon.

It started flashing.

I shut it off and have reset it several times but each time it shuts down saying CPU conflict.

ANY Ideas ???

73 Paul

K4JA

967. Re: [acom-list] Reset

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-29 08:15:42 UTC
From: alsopb
Topic: 966 Message: 967

Are you connected to the network? If so ACOM has to start up first,
then attached stuff.
If not it is bad wire in the RCU or connector at back of amp.

73 de Brian/K3KO

k4ja wrote:
>
> Hello All
>
> I brushed the controls pannel this afternoon.
>
> It started flashing.
>
> I shut it off and have reset it several times but each time it shuts
> down saying CPU conflict.
>
> ANY Ideas ???
>
> 73 Paul
>
> K4JA
>
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968. Re: [acom-list] Reset

Yahoo group: acom-list (1999 — 2009)
Date: 2003-03-29 16:23:45 UTC
From: Howard Klein
Topic: 966 Message: 968

Paul,
I agree with Brian. I believe the problem is in the RCU. Probably poor contacts. Try the following:
Open the RCU back cover again. Connect the RCU cable to the amplifier main unit and turn ON only the mains switch on the front panel.
With the voltmeter check the voltages on pins 1-8 of the single-row connector on the PCB back, where the cable is connected. Check the voltages. Only the RCU must be active during the checks (no heater applied).
The normal voltages are:
pin - Voltage:
---
1 - 0V;
2 - nearly zero;
3 - nearly zero;
4 - about +14V (unregulated);
5 - about +11V (unregulated);
6 - nearly zero;
7 - about +3V;
8 - about +0,8V;
2. While monitoring pin 6, turn ON the amplifier from the red ON/OFF button on the RCU. This is the "CPU-RESET" signal from RCU to the CPU. It must stay zero while the CW "TEST" sounds, then must rise to about +5V, one second after the CW "TEST" end. Turn OFF.
3. While monitoring 7, turn ON again. This is the serial data from RCU to CPU (RCU-CPU). It must rise from +3V to +5V at the beginning of the CW "TEST" sound. One second later there must be a short voltage drop and the voltage must return to +5V. Turn OFF.
4. While monitoring pin 8, turn ON again. This is the serial data from CPU to RCU (CPU-RCU). It must rise from about +0.8V to +5V at the beginning of the CW "TEST" sound. Five seconds later there must be a short voltage drop and the voltage must return to +5V. Turn OFF.
Please note that the voltage drop presence as described in (3) and (4) is very important. If your voltmeter is a slow-reading one, you may miss such drop although they were present. In such a case, an oscilloscope would be preferable: a short burst of pulses from +5V to nearly zero, must be seen at that moments.
If you have not an oscilloscope available, a simple but very fast indicator would be small LED (1/8 In diameter). Connect its anode, through a 1-2kOhm resistor, to the pin under test, and the cathode to the chassis. It must normally light (although poorly), and a short fade must be noted at the mentioned moments.
5. The problem could be in any IC socket contacts. To clean them, unscrew the RCU PCB and take it out of the box. Extract the uP chip 80C31 (U3, 44 contacts square case). Note the chip orientation. Clean the chip contacts with alcohol. Make sure that no residual lint has left on the contacts. Look

over the socket contacts, clean them in the same way, and return the chip into the socket. Make the same with the EPROM 27C256 (U5, 28 pins with a sticker on it). Simple job. Just remember orientation of disconnected IC's, etc. GL, Howard...K2HK
----Original Message Follows---- To: acom-list@yahoogroups.com Subject: Re: [acom-list] Reset Date: Sat, 29 Mar 2003 08:15:42 +0000
Are you connected to the network? If so ACOM has to start up first, then attached stuff. If not it is bad wire in the RCU or connector at back of amp.
73 de Brian/K3KO
k4ja wrote:

Hello All

I brushed the controls pannel this afternoon.

It started flashing.

I shut it off and have reset it several times but each time it shuts down saying CPU conflict.

ANY Ideas ???

73 Paul

K4JA

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969. ACOM 2000A Amplifier for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2003-04-05 17:17:13 UTC
From: Brian, N8WRL
Topic: 969 Message: 969

Thought members of this group might be interested...

I have an ACOM 2000A amplifier for sale. It is two years old but the tubes have been replaced and have less than 10 hours on them. It is in perfect working order and excellent cosmetic condition. I've busted many a pile-up with this baby, and the '30 over' reports from JA in contests is great! I'm really having a hard time selling it but the truth is, it just sits here most of the time! Not much time for operating lately...

You can get all the details on this amplifier at ACOM's site www.hfpower.com. I have all the original packing material and manuals.

I am asking $4300 shipped & insured to CONUS. Please email me directly if you'd like more information or pictures.

Thanks for your time, and 73!

-Brian n8wrl

970. Acom 1000/FT 1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2003-04-19 22:48:02 UTC
From: Jorge a Mejia
Topic: 970 Message: 970

Does anybody have info. on how to conect the amp through the band data port on the ft 1000D?

Thank you
Jorge HK4CZE

971. Re: [acom-list] Acom 1000/FT 1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2003-04-20 08:56:18 UTC
From: Clive GM3POI
Topic: 970 Message: 971

Please QSP the info to the list. Tnx Clive GM3POI
----- Original Message -----
From: "Jorge a Mejia" <laussana@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 19, 2003 10:48 PM
Subject: [acom-list] Acom 1000/FT 1000D

> Does anybody have info. on how to conect the amp through the band data
> port on the ft 1000D?
>
>
> Thank you
> Jorge HK4CZE
>
>
>
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>

972. RE: [acom-list] Acom 1000/FT 1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2003-04-20 10:31:01 UTC
From: G3SJJ
Topic: 970 Message: 972

As kindly supplied by Stan LZ1IU. It works very well. Chris G3SJJ

Many customers use ACOM1000 in QSK mode flawlessly, with FT1000MP too. The system is very similar to that used in ACOM2000A. It works OK with all transceivers available on the market, so you could connect it in three different ways:

a) Connect the "TX-GND" phono jack on rear of FT1000MP to the "KEY-IN" phono jack of ACOM1000. Leave "KEY-OUT" of the amplifier unused. Slide the "LIN" switch to point to the "TX-GND" connector on rear of FT1000MP.

This is the simplest way and it works QSK too, but you would not get advantage of amplifier's safety features. Also, the transceiver relay would be clicking thus shortening the reception periods during CW pauses.

b) A second way is to connect the YAESU "TX-GND" signal from pin #2 of "BAND DATA" connector to the "KEY-IN" phono jack of ACOM1000. You can use any superfluous YAESU connector to twin this output like your idea, or make a branching cable. I would prefer a branching cable since it seems easier and also the transceiver would be maintained in an original condition. Leave the "KEY-OUT" phono jack of the amplifier unused again. Slide the "LIN" switch to point to opposite of the "TX-GND" connector on rear of FT1000MP.

This is an intermediate possibility. You would not make full use again, but at least the transceiver's relay would not be clicking.

c) The best solution is to use both signals. The first part of this connection is like the described in (b) above. Inside the "BAND DATA" connector, you should add also a 10kOhm/0,125W resistor, between "TX INHIBIT" and "+13V" (pins #1 and #8). This resistor is needed to activate transmit inhibition function of FT1000MP. When the connector is plugged in, the transceiver will not transmit unless you tie "TX INHIBIT" to GND, or connect it to the own-generated "TX-GND" signal of the transceiver. Then connect the "TX INHIBIT" signal to the "KEY-OUT" phono jack of the amplifier.

With this wiring, the amplifier will be able to inhibit transmission at any risky moment during OPERATE. During STAND-BY mode, and while resting OFF, the "KEY-OUT" is being bypassed automatically to the "KEY-IN" jack of the amplifier (via an internal relay), thus connecting it to the own "TX-GND" signal of the transceiver, in order to permit barefoot transmission without changing connections.

3. The following information is only intended to give some common technical information about ACOM1000 KEY-IN and KEY-OUT signals.

a) The KEY-IN socket on the rear panel is the antenna relay transmit/receive control input of the amplifier (a transistor input).

When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground).

The electrical requirements to the respective transceiver's output (to control the KEY-IN) are:

- switching voltage (open circuit), minimum 15V;

- switching current (closed circuit), minimum 15mA;

- voltage drop or resistance @ 12mA current (closed circuit / low level), maximum 1.5V/250 Ohm.

The semiconductor output "TX GND" of FT1000MP does exceed all of them without any buffering.

b) The KEY-OUT socket on the rear panel is an extra output signal from the amplifier to the transceiver. It could be used or not to improve the T/R switching process, as well as to increase the exploitation reliability of the amplifier, antenna, and the transceiver too. This output can be used when your transceiver has available the respective input to disable transmitting. For FT1000MP this is the TX INHIBIT input (pin 8 of BAND DATA connector). We recommend that you connect it with a shielded cable to the KEY-OUT of the amplifier.

The output KEY-OUT of the amplifier is open drain circuit and it can tie to ground a positive DC signal. At the moments when the amplifier is ready to transmit this line is held to ground. When transmitting is not permissible, the output is open circuit (for instance when the antenna relay is in process of switching).

The electrical specifications of the amplifier's output KEY-OUT are:

- switching voltage capability (open circuit), up to +50V;

- switching current capability (closed circuit), up to 20mA;

- resistance @ 20mA current (closed circuit), 120 Ohm maximum.

When the amplifier is not powered and also in STANDBY mode this output is directly connected to the KEY-IN socket. Then the amplifier will return the "TX GND" signal back to the "TX INHIBIT" in order to enable transmitting.

In OPERATE mode the KEY-OUT signal will follow the signal incoming on the KEY-IN socket "TX GND" always when the antenna relay is in safe position and will reject transmitting if any risk condition has been detected.

-----Original Message-----
From: Clive GM3POI [mailto:gm3poi@...]
Sent: Sunday, April 20, 2003 8:56 AM

To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 1000/FT 1000D

Please QSP the info to the list. Tnx Clive GM3POI
----- Original Message -----
From: "Jorge a Mejia" <laussana@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 19, 2003 10:48 PM
Subject: [acom-list] Acom 1000/FT 1000D

> Does anybody have info. on how to conect the amp through the band data
> port on the ft 1000D?
>
>
> Thank you
> Jorge HK4CZE
>
>
>
>
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973. Re: Acom 1000/FT 1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2003-04-21 11:57:32 UTC
From: n1eu
Topic: 970 Message: 973

Please see:

http://www.albany.net/~bg/Yaesu/MPAcom.htm

73,
Barry N1EU
www.n1eu.com

--- In acom-list@yahoogroups.com, "Jorge a Mejia" <laussana@u...>
wrote:
> Does anybody have info. on how to conect the amp through the band
data
> port on the ft 1000D?
>
>
> Thank you
> Jorge HK4CZE

975. Re: [acom-list] spammer removed

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 11:52:01 UTC
From: Barry
Topic: 974 Message: 975

Before everyone starts a flurry of emails about the recent message to the list, the spammer account has been deleted.
In case you were wondering, there are currently 141 real list members.
73,
Barry, W2UP
(List moderator, who feels very good about not being needed 99.99% of the time)--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

976. Re: [acom-list] spammer removed

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 12:04:46 UTC
From: William F. Beyer Jr.
Topic: 974 Message: 976

Barry wrote:

> Before everyone starts a flurry of emails about the recent message to
> the list, the spammer account has been deleted.
> In case you were wondering, there are currently 141 real list
> members.
> 73,
> Barry, W2UP
> (List moderator, who feels very good about not being needed 99.99% of
> the time)--
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

A big Thanks.....

A HAPPY Acom 1000 owner!
--
*See you in the pileups!

William/N2WB

Florida Dxpedition Group
San Andres Island Dxpedition 2003
http://www.geocities.com/hk02003/

ARMY Rangers
Lead The Way!

n2wb at arrl dot net

"The only thing necessary for the Triumph of EVIL,
is for GOOD Men to do Nothing"
-- Edmund Burke --

"Unless we stand for something,
we shall fall for anything."
-- Peter Marshall --

*This email is intended only to be read or used by the addressee.
It is confidential and may contain legally privileged information.
If you are not the addressee indicated in this message, or
responsible for delivery of the message to such person,
you may not read, copy or deliver this message to anyone,
and you should destroy this message and kindly notify the sender
by reply email.
Confidentiality and legal privilege are not waived or lost by
reason of mistaken delivery to you.

977. Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 13:43:45 UTC
From: Eric Scace K3NA
Topic: 977 Message: 977

Hi folks --

I made an attempt to get Acom Tools working with WriteLog last week, but wasn't successful. Perhaps someone can provide a few
tips.

Here is the configuration:

-- SO2R station
-- two Acom amps
-- WinXP confuser runs WriteLog and the Acom Tools app.
-- no Acom antenna switching hardware.

Frankly, this is a pretty limited improvement for a SO2R station. The main advantage of the Acom Tool on the computer is that I
won't have to send a dit to cause the amp to change bands... and maybe the Acom control panels can be removed from the operating
position to reduce clutter. But it's a chance to learn something...

Questions:

1. Can two instances of Acom Tools be running simultaneously, each of which talk to a different Acom amp on a different COM port?

2. Should the cable connecting the computer's serial port to the Acom be a straight-through or cross-over cable? I'm not seeing
any successful communication between the computer and the Acom.

Thanks for any tips from those who have used Acom Tools with WriteLog.

73,
-- Eric K3NA

978. Re: [acom-list] Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 14:35:31 UTC
From: Barry
Topic: 977 Message: 978

Comments interspersed below:

On 29 May 2003 at 9:43, Eric Scace K3NA wrote:

> Hi folks --
>
> I made an attempt to get Acom Tools working with WriteLog last
> week, but wasn't successful. Perhaps someone can provide a few
> tips.
>
> Here is the configuration:
>
> -- SO2R station
> -- two Acom amps
> -- WinXP confuser runs WriteLog and the Acom Tools app.
> -- no Acom antenna switching hardware.
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> won't have to send a dit to cause the amp to change bands... and maybe
> the Acom control panels can be removed from the operating position to
> reduce clutter. But it's a chance to learn something...
>
> Questions:
>
> 1. Can two instances of Acom Tools be running simultaneously, each of
> which talk to a different Acom amp on a different COM port?
>

Don't know about the two instances.
Acom Tools works fine on my WIn98 computer, but is flaky on my WinXP computer. Sometimes it partially works (changing frequency works, but power display doesn't), sometimes it doesn't. Some folks seem to have no trouble with XP, per discussion at Dayton

> 2. Should the cable connecting the computer's serial port to the Acom
> be a straight-through or cross-over cable? I'm not seeing any
> successful communication between the computer and the Acom.
>

As I recall, you need a "custom" cable using only 3 wires - gnd, TXD and RXD. I have my documentation at home, so if you don't get a more definitive answer by tonite, I'll look up the details, assuming I can find it :.)

> Thanks for any tips from those who have used Acom Tools with
> WriteLog.

>
> 73,
> -- Eric K3NA

I've also been told that Gerry, W1VE, is working on his own
controller program. No idea when it will be available.
73,
Barry, W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

979. Re: [acom-list] Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 15:30:42 UTC
From: Gerry Hull
Topic: 977 Message: 979

> I've also been told that Gerry, W1VE, is working on his own
> controller program. No idea when it will be available.

Now, who is spreading these rumors? :)

Yes, I am working on a new version. Ya'll will be my beta testers. It'll be freeware... And since I am setting up SO2R at home, I'll be taking a close look at that feature... We will have to see about 2 amps.

Only guarentee on time table is that it will be completely done and ready for the fall season -- hopefully in the next couple of months.

73,

Gerry, W1VE (/0 in Colorado Springs at the moment.)

980. RE: [Acom-list] Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 15:56:40 UTC
From: Eric Scace K3NA
Topic: 977 Message: 980

I am ready for beta testing, or even futzing around with a dummy user interface.

It would be great if the screen interface can be quite compact. It doesn't have to look anything like the current Tool. During a
contest, the main things that I look for are:
-- is the amp transmitting close to 1500W?
-- is the reflected power low? (If not, usually an indication of wrong antenna selection or antenna problem.)
-- is the amp on the correct band?

That could be done with a few narrow vertical bars and a text box indicating the band.

But my application is simple because I don't have the antenna switch.

Thanks for thinking about this!

-- Eric

-----Original Message-----
From: Gerry Hull [mailto:windev@...]
Sent: 2003 May 29 Thursday 11:31
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom tools, SO2R and WriteLog

> I've also been told that Gerry, W1VE, is working on his own
> controller program. No idea when it will be available.

Now, who is spreading these rumors? :)

Yes, I am working on a new version. Ya'll will be my beta testers.
It'll be freeware... And since I am setting up SO2R at home, I'll be
taking a close look at that feature... We will have to see about 2
amps.

Only guarentee on time table is that it will be completely done and
ready for the fall season -- hopefully in the next couple of months.

73,

Gerry, W1VE (/0 in Colorado Springs at the moment.)

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981. RE: [WriteLog] Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 16:27:47 UTC
From: Dick Green
Topic: 977 Message: 981

Eric,

AcomTools worked on my Win98 and W2K machines, but doesn't seem to work on my new WinXP machine. FWIW, even when I had it working under W2K I eventually disabled the automatic tuning feature. As I recall, when Writelog's keyboard focus moved back and forth between the radios, AcomTools would send a new frequency to the amp, causing it to retune frequently. This was harmless, but annoying. I think the idea was that you might be sharing a single amp between two radios. For a while I used the manual tune feature in AcomTools, which allowed me to retune the amp without moving the transmit focus and hitting a dit. That was OK, but not a huge help. Now I just move the transmit focus to the second radio and hit a dit to tune the amp.

73, Dick WC1M

> -----Original Message-----
> From: Eric Scace K3NA [mailto:eric@...]
> Sent: Thursday, May 29, 2003 8:44 AM
> To: Acom list; WriteLog
> Subject: [WriteLog] Acom tools, SO2R and WriteLog
>
>
> Hi folks --
>
> I made an attempt to get Acom Tools working with WriteLog
> last week, but wasn't successful. Perhaps someone can
> provide a few tips.
>
> Here is the configuration:
>
> -- SO2R station
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> -- no Acom antenna switching hardware.
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> Frankly, this is a pretty limited improvement for a SO2R
> station. The main advantage of the Acom Tool on the computer
> is that I won't have to send a dit to cause the amp to change
> bands... and maybe the Acom control panels can be removed
> from the operating position to reduce clutter. But it's a
> chance to learn something...
>
> Questions:
>
> 1. Can two instances of Acom Tools be running
> simultaneously, each of which talk to a different Acom amp on

> a different COM port?
>
> 2. Should the cable connecting the computer's serial port to
> the Acom be a straight-through or cross-over cable? I'm not
> seeing any successful communication between the computer and the Acom.
>
> Thanks for any tips from those who have used Acom Tools
> with WriteLog.
>
> 73,
> -- Eric K3NA
>
>
>

982. Re: [acom-list] [WriteLog] Acom tools, SO2R and WriteLog

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-29 17:29:06 UTC
From: K4HW
Topic: 977 Message: 982

For those using XP here is something that might help.

http://www.vmware.com/products/desktop/ws4new_features.html

I have not tried it myself (I already run 98 here) but I have heard from some who have and they seem impressed. It allows you to run two different operating systems such as XP and 98 simultaneously (not dual boot) on your computer. I understand that 98 tasks run somewhat more slowly but that usually is not a problem.

If you try it, let us know how it does.

73, Hal -K4HW

----- Original Message -----
From: Dick Green
To: eric@... ; 'Acom list' ; 'WriteLog'
Sent: Thursday, May 29, 2003 12:27 PM
Subject: [acom-list] RE: [WriteLog] Acom tools, SO2R and WriteLog

Eric,

AcomTools worked on my Win98 and W2K machines, but doesn't seem to work on my new WinXP machine. FWIW, even when I had it working under W2K I eventually disabled the automatic tuning feature. As I recall, when Writelog's keyboard focus moved back and forth between the radios, AcomTools would send a new frequency to the amp, causing it to retune frequently. This was harmless, but annoying. I think the idea was that you might be sharing a single amp between two radios. For a while I used the manual tune feature in AcomTools, which allowed me to retune the amp without moving the transmit focus and hitting a dit. That was OK, but not a huge help. Now I just move the transmit focus to the second radio and hit a dit to tune the amp.

73, Dick WC1M

> -----Original Message-----
> From: Eric Scace K3NA [mailto:eric@...]
> Sent: Thursday, May 29, 2003 8:44 AM
> To: Acom list; WriteLog
> Subject: [WriteLog] Acom tools, SO2R and WriteLog
>
>
> Hi folks --
>
> I made an attempt to get Acom Tools working with WriteLog
> last week, but wasn't successful. Perhaps someone can
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> seeing any successful communication between the computer and the Acom.
>
> Thanks for any tips from those who have used Acom Tools
> with WriteLog.
>
> 73,
> -- Eric K3NA
>
>
>

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[Non-text portions of this message have been removed]

983. Troubleshooting ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2003-05-31 15:57:57 UTC
From: Thomas Herrmann
Topic: 983 Message: 983

after switch into OPR-mode, my PA ACOM2000A indicates:
IG2=14mA SHOULD BE ZERO;
recommendet OFF5* is not successfull;
any hints, please, what I have to do ?

Thanks and 73 de Thomas, DL1AMQ
DL1AMQ@...

UNICEF bittet um Spenden fur die Kinder im Irak! Hier online an
UNICEF spenden: https://spenden.web.de/unicef/special/?mc=021101

984. Additional Info: Troubleshooting ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2003-06-01 09:05:17 UTC
From: Thomas Herrmann
Topic: 984 Message: 984

Given indikation: IG2=14mA; SHOULD BE ZERO
for the first time appeared after RUNNING TIME 4386 hours (wow !!).
It looks like reason is High Voltage HV=2.43kV instead of expected HV=2.850kV.
As a result, UG2 is too high and leads to the given IG2=14mA.
I'm right ??
And if so, what to do ??
Please give me Your experiences.
Thanks & 73 de Thomas, DL1AMQ

DL1AMQ@...

_____
Jetzt bei WEB.DE FreeMail anmelden = 1qm Regenwald schuetzen! Helfen
Sie mit! Nutzen Sie den Serien-Testsieger. http://user.web.de/Regenwald

985. Troubleshooting ACOM2000A succesful

Yahoo group: acom-list (1999 — 2009)
Date: 2003-06-06 19:40:39 UTC
From: Thomas Herrmann
Topic: 985 Message: 985

Some days before I asked the list subscribers and ACOM officials for trobleshooting my ACOM2000A.
Today I'm back again with QRO.
I got notable helpfull leadership in trobleshooting by Stan, LZ1IU. Step by step he fed me to recognize a resistor as source of the trouble. Finally, exchange of the resistor took me 16cent only.
That is really a great support by the ACOMers !

73 de Thomas, DL1AMQ

_____
Jetzt bei WEB.DE FreeMail anmelden = 1qm Regenwald schuetzen! Helfen
Sie mit! Nutzen Sie den Serien-Testsieger. http://user.web.de/Regenwald

987. Response to spam

Yahoo group: acom-list (1999 — 2009)
Date: 2003-06-12 12:04:55 UTC
From: Barry
Topic: 987 Message: 987

Hi Gang,
I see another spammer subscribed to the list to grace us with his important announcement. He's already deleted.

Since this is the second recent occurrence, I've made a change to the list management. Anyone who now sends a subscribe request to the list, will need to be approved before membership and posting privileges are granted. This won't affect anyone already subscribed, and you can still unsubscribe on your own. Hopefully this will keep the list on topic, and the peaceful and quiet place it's been.
73,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

988. ACOM 2000A and low power drive

Yahoo group: acom-list (1999 — 2009)
Date: 2003-06-24 12:29:04 UTC
From: alsopb
Topic: 988 Message: 988

Just a note of interest.

While main rig is off for repair, I decided to use my little 250 milliwatt rig to drive the amp.

Suprise! The freq was properly read by the amp and the amp switched to the correct band segment.

This is hardly an efficient mode of operation. 800 watts of DC plate power for 5 watts RF out.

989. e-mail address change

Yahoo group: acom-list (1999 — 2009)
Date: 2003-06-24 15:00:30 UTC
From: slonim@post.tau.ac.il
Topic: 989 Message: 989

sirs!
my new e-mail address is:as1935@...
73.
aron slonim 4x1fq

990. Acom 2000 & 6 meters band

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-13 14:11:36 UTC
From: ea1ddo
Topic: 990 Message: 990

Hi guys,

Anyone knows something about to "activate", "add" or "upgrade" the 6 meters band into the Acom 2000A?

73, Max - EA1DDO.

991. Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-19 13:04:10 UTC
From: Bruce Sawyer
Topic: 991 Message: 991

A friend told me recently that he had his Acom 2000A connected to his FT1000 through the Band Data connector in such a way that whenever the frequency was changed on the FT1000, then the amp immediately retrieved and loaded the presets for that new frequency. When I asked how he did it, the reference he cited was the well-known set of notes Stan gave on connecting KEY-IN to TX GND and KEY-OUT to TX INHIBIT (see http://www.albany.net/~bg/Yaesu/MPAcom.htm). That, of course, doesn't quite accomplish what I would hope to see, since in this mode the Acom 2000A still requires a signal from the exciter in order to detect a new frequency.

Ideally, I would like to be able to enter a new frequency on my logging program and have that command the rig, then the amp, and finally the Acom antenna switch I have connected. However, that may not be possible, and it well be the case that my friend and I simply miscommunicated on this. (Unfortunately, his shack is 4000 miles or so away from me now, and I wasn't careful to check his cables closely while I was visiting a couple of weeks ago!) If it is possible to do this the way I would like, it would require connections to pins 4, 5, 6, and 7 on the Band Data connector of the Yaesu, and it would also require that the Acom 2000A be able to understand Yaesu's encoding protocol. This doesn't seem likely, but I still would like to be sure. Does anybody know if there is a way this can be done? The specific Yaesu I have is a FT1000MP, but I suspect the pin-out on Band Data is the same for all of the FT1000 series.

Bruce, N6NT

992. Re: [acom-list] Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-19 14:01:52 UTC
From: Barry
Topic: 991 Message: 992

Bruce,
There are a few possibilities:

1. If you use Writelog and AcomTools, the amp (and I presume the antenna switch too, but I don't have one. I do my antenna switching using Top Ten Devices boxes) the amp will QSY and retune as soon as a new freq is entered in Writelog, either directly or read from the FT1000D. The only problem is AcomTools was written for Win98 and its performance is a little flaky in XP, at least in my setup.
Gerry, W1VE, is working on a new version of similar software, so he told me at Dayton. Progress unknown...

2. Dave, N3RD (of Top Ten Devices), with the assistance of one of the Acom engineers in LZ, came up with a device to do some custom stack switching at N3RS. He tells me the Acom guys sent him a chip that interfaces to the amps COM port. I don't want to speak for Dave, but I believe he feels there's too small a market to come up with a commercial product here. You may want to talk with him.
73,
Barry W2UP

On 19 Jul 2003 Bruce Sawyer wrote:

> A friend told me recently that he had his Acom 2000A connected to his FT1000
> through the Band Data connector in such a way that whenever the frequency
> was changed on the FT1000, then the amp immediately retrieved and loaded the
> presets for that new frequency. When I asked how he did it, the reference
> he cited was the well-known set of notes Stan gave on connecting KEY-IN to
> TX GND and KEY-OUT to TX INHIBIT (see
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> (Unfortunately, his shack is 4000 miles or so away from me now, and I wasn't
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> Bruce, N6NT
>
>
>
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

993. Re: [acom-list] Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-19 15:43:36 UTC
From: alsopb
Topic: 991 Message: 993

Bruce,

Barry is right on the computer program which does what you want.

There is another way.

The band data from the rig can directly drive an antenna switch box. (Choose carefully if you work WARC bands since not all commercial units cover the WARC bands.) I can send you a skematic of the 1 chip decoder (4028) that permits all nine bands to be decoded. Configure the ACOM for antenna 1 on all bands and do the tuning in each segment.

After the first dit or syllable you've got it connected to thee right antenna and tuned. Works great for chasing spots. Connecting the antenna switch to the xcvr guarantees that the correct antenna will be present immediately. It eliminates the need for still another COM port.

Works for me.

73 de Brian/K3KO

Bruce Sawyer wrote:
>
> A friend told me recently that he had his Acom 2000A connected to his FT1000
> through the Band Data connector in such a way that whenever the frequency
> was changed on the FT1000, then the amp immediately retrieved and loaded the
> presets for that new frequency. When I asked how he did it, the reference
> he cited was the well-known set of notes Stan gave on connecting KEY-IN to
> TX GND and KEY-OUT to TX INHIBIT (see
> http://www.albany.net/~bg/Yaesu/MPAcom.htm). That, of course, doesn't quite
> accomplish what I would hope to see, since in this mode the Acom 2000A still
> requires a signal from the exciter in order to detect a new frequency.
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> Ideally, I would like to be able to enter a new frequency on my logging
> program and have that command the rig, then the amp, and finally the Acom
> antenna switch I have connected. However, that may not be possible, and it
> well be the case that my friend and I simply miscommunicated on this.
> (Unfortunately, his shack is 4000 miles or so away from me now, and I wasn't
> careful to check his cables closely while I was visiting a couple of weeks
> ago!) If it is possible to do this the way I would like, it would require
> connections to pins 4, 5, 6, and 7 on the Band Data connector of the Yaesu,
> and it would also require that the Acom 2000A be able to understand Yaesu's
> encoding protocol. This doesn't seem likely, but I still would like to be
> sure. Does anybody know if there is a way this can be done? The specific
> Yaesu I have is a FT1000MP, but I suspect the pin-out on Band Data is the
> same for all of the FT1000 series.

>
> Bruce, N6NT
>
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994. Re: [acom-list] Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-20 20:29:51 UTC
From: k2qmf@juno.com
Topic: 991 Message: 994

Hello Barry,

I am in the process of setting up my new station
at my new QTH. I have a Yaesu FT-1000MP MARK-V Field
and an ACOM 2000A.
I am trying to understand what you are talking about regarding
AcomTools??? My computer is a Pentium III 866 Mhz running
Windows 98se. I will be using a Top Ten band decoder to drive
my SixPak and Dunestar bandpass filter. I have the Yaesu band
data cable from TopTen. I run either CT or Writelog for contesting.
The Acom 2000A is new for me. It will be the first time I am hooking
it up!! Can you explain / recommend the best arrangement for connecting
things up. I will be grabbing spots and also typing in frequencies to
change
bands. I would like the Acom to follow along if possible???
I thought it did that automatically??? That was one of the reasons
I bought the Acom...

Many Thanks in advance for any help... 73, Ted K2QMF

On Sat, 19 Jul 2003 14:01:52 -0000 "Barry " <w2up@...> writes:
> Bruce,
> There are a few possibilities:
>
> 1. If you use Writelog and AcomTools, the amp (and I presume the
> antenna switch too, but I don't have one. I do my antenna switching
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> using Top Ten Devices boxes) the amp will QSY and retune as soon as
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> new freq is entered in Writelog, either directly or read from the
> FT1000D. The only problem is AcomTools was written for Win98 and its
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> performance is a little flaky in XP, at least in my setup.
> Gerry, W1VE, is working on a new version of similar software, so he
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> told me at Dayton. Progress unknown...
>
> 2. Dave, N3RD (of Top Ten Devices), with the assistance of one of
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> Acom engineers in LZ, came up with a device to do some custom stack
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> interfaces to the amps COM port. I don't want to speak for Dave, but
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995. Re: Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-20 21:03:07 UTC
From: Barry
Topic: 991 Message: 995

Hi Ted,
Your setup is very similar to mine - Yaesu radio, Top Ten for
switching antennas and bandpass filters (and stubs), Acom 2000A...

The Acom WILL follow the radio. Traditionally, as soon as you xmit
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AcomTools to talk to the amp via the serial port. The radio talks to
the amp only via RF freq sensing if you don't use AcomTools. Make
sense? If not, let me know.
73,
Barry

On 20 Jul 2003 k2qmf@... wrote:

>
> --------- Forwarded message ----------
> From: K2QMF@...
> To: acom-list@yahoogroups.com
> Date: Sun, 20 Jul 2003 16:29:51 -0400
> Subject: Re: [acom-list] Band Data from FT1000x
>
> Hello Barry,
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> I bought the Acom...
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> Many Thanks in advance for any help... 73, Ted K2QMF

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> > Bruce,
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

996. RE: [acom-list] Re: Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-20 21:13:00 UTC
From: Eric Scace K3NA
Topic: 991 Message: 996

Note that ACOM tools will NOT work if you are running two radios in your contest station.
-- Eric

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: 2003 July 20 Sunday 17:03
To: k2qmf@...; acom-list@yahoogroups.com
Subject: [acom-list] Re: Band Data from FT1000x

Hi Ted,
Your setup is very similar to mine - Yaesu radio, Top Ten for
switching antennas and bandpass filters (and stubs), Acom 2000A...

The Acom WILL follow the radio. Traditionally, as soon as you xmit
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73,
Barry

On 20 Jul 2003 k2qmf@... wrote:

>
> --------- Forwarded message ----------
> From: K2QMF@...
> To: acom-list@yahoogroups.com
> Date: Sun, 20 Jul 2003 16:29:51 -0400
> Subject: Re: [acom-list] Band Data from FT1000x
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> I am in the process of setting up my new station
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> Many Thanks in advance for any help... 73, Ted K2QMF
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> On Sat, 19 Jul 2003 14:01:52 -0000 "Barry " <w2up@...> writes:
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997. Re: [acom-list] Re: Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-21 08:15:40 UTC
From: Max Martin
Topic: 991 Message: 997

Hi,

I have a Yaesu FT-1000 D and a just buy a new Acom 2000A. I have running the AcomTools and I already made a three wire serial cable, so now I can control the Acom 2000 A from my PC. But, I don't have the WriteLog, I use the Logic5 and CT.
Is anyone making "drivers" for this programs?
Or, I have to use the WriteLog? to profit the pre-band switching.

73, Max - EA1DDO.
_\\|//_
(o o)
----------oo0-(_)-0oo----
Visit my web page at:
http://www.EA1DDO.tk

>From: "Barry " <w2up@...>
>Reply-To: acom-list@yahoogroups.com
>To: k2qmf@..., acom-list@yahoogroups.com
>Subject: [acom-list] Re: Band Data from FT1000x
>Date: Sun, 20 Jul 2003 21:03:07 -0000
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> > From: K2QMF@...

> > To: acom-list@yahoogroups.com
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> > > > TX GND and KEY-OUT to TX INHIBIT (see
> > > > http://www.albany.net/~bg/Yaesu/MPAcom.htm). That, of course,
> > > doesn't quite
> > > > accomplish what I would hope to see, since in this mode the Acom
> > > 2000A still
> > > > requires a signal from the exciter in order to detect a new
> > > frequency.
> > > >
> > > > Ideally, I would like to be able to enter a new frequency on my
> > > logging
> > > > program and have that command the rig, then the amp, and finally
> > > the Acom
> > > > antenna switch I have connected. However, that may not be
> > > possible, and it
> > > > well be the case that my friend and I simply miscommunicated on
> > > this.
> > > > (Unfortunately, his shack is 4000 miles or so away from me now,
> > > and I wasn't
> > > > careful to check his cables closely while I was visiting a couple
> > > of weeks
> > > > ago!) If it is possible to do this the way I would like, it would
> > > require
> > > > connections to pins 4, 5, 6, and 7 on the Band Data connector of
> > > the Yaesu,
> > > > and it would also require that the Acom 2000A be able to
> > > understand Yaesu's
> > > > encoding protocol. This doesn't seem likely, but I still would
> > > like to be
> > > > sure. Does anybody know if there is a way this can be done? The
> > > specific
> > > > Yaesu I have is a FT1000MP, but I suspect the pin-out on Band Data
> > > is the
> > > > same for all of the FT1000 series.
> > > >

> > > > Bruce, N6NT
> > > >

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998. Re: [acom-list] Re: Band Data from FT1000x

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-22 02:56:58 UTC
From: k0dan
Topic: 991 Message: 998

Max...

There is a LOGIC reflector, if you were not already aware of it, at
logic@....

I run LOGIC (V6) and an ACOM amp but have not attempted any computer control
of the amplifier, so, sorry but I cannot help beyond mentioning the LOGIC
reflector. Goold luck and 73
Dan
K0DAN

----- Original Message -----
From: "Max Martin" <ea1ddo@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, July 21, 2003 03:15
Subject: Re: [acom-list] Re: Band Data from FT1000x

> Hi,
>
> I have a Yaesu FT-1000 D and a just buy a new Acom 2000A. I have running
the
> AcomTools and I already made a three wire serial cable, so now I can
control
> the Acom 2000 A from my PC. But, I don't have the WriteLog, I use the
Logic5
> and CT.
> Is anyone making "drivers" for this programs?
> Or, I have to use the WriteLog? to profit the pre-band switching.
>
> 73, Max - EA1DDO.
> _\\|//_
> (o o)
> --ooO-(_)-Ooo----
> Visit my web page at:
> http://www.EA1DDO.tk
> --
>
> >From: "Barry " <w2up@...>
> >Reply-To: acom-list@yahoogroups.com
> >To: k2qmf@..., acom-list@yahoogroups.com
> >Subject: [acom-list] Re: Band Data from FT1000x
> >Date: Sun, 20 Jul 2003 21:03:07 -0000
> >
> >Hi Ted,
> >Your setup is very similar to mine - Yaesu radio, Top Ten for
> >switching antennas and bandpass filters (and stubs), Acom 2000A...

> >
> >The Acom WILL follow the radio. Traditionally, as soon as you xmit
> >your first dit or syllable, the amp senses the freq and retunes
> >itself in about 1 second. What I'm talking about here is the amp
> >sensing the freq and retuning BEFORE you transmit. This is where
> >AcomTools comes in. It works only with Writelog. Do your standard
> >setup for the radio/COM port, Top Ten boxes, etc. You'll need an
> >additional serial port (3 wires only - TXD RXD and GND - a prefab
> >serial cable WON'T work) to connect to the amp. This is for
> >AcomTools to talk to the amp via the serial port. The radio talks to
> >the amp only via RF freq sensing if you don't use AcomTools. Make
> >sense? If not, let me know.
> >73,
> >Barry
> >
> >On 20 Jul 2003 k2qmf@... wrote:
> >
> > >
> > > --------- Forwarded message ----------
> > > From: K2QMF@...
> > > To: acom-list@yahoogroups.com
> > > Date: Sun, 20 Jul 2003 16:29:51 -0400
> > > Subject: Re: [acom-list] Band Data from FT1000x
> > >
> > > Hello Barry,
> > >
> > > I am in the process of setting up my new station
> > > at my new QTH. I have a Yaesu FT-1000MP MARK-V Field
> > > and an ACOM 2000A.
> > > I am trying to understand what you are talking about regarding
> > > AcomTools??? My computer is a Pentium III 866 Mhz running
> > > Windows 98se. I will be using a Top Ten band decoder to drive
> > > my SixPak and Dunestar bandpass filter. I have the Yaesu band
> > > data cable from TopTen. I run either CT or Writelog for contesting.
> > > The Acom 2000A is new for me. It will be the first time I am hooking
> > > it up!! Can you explain / recommend the best arrangement for
connecting
> > > things up. I will be grabbing spots and also typing in frequencies to
> > > change
> > > bands. I would like the Acom to follow along if possible???
> > > I thought it did that automatically??? That was one of the reasons
> > > I bought the Acom...
> > >
> > > Many Thanks in advance for any help... 73, Ted K2QMF
> > >
> > > On Sat, 19 Jul 2003 14:01:52 -0000 "Barry " <w2up@...>
> >writes:
> > > > Bruce,
> > > > There are a few possibilities:
> > > >

> > > > 1. If you use Writelog and AcomTools, the amp (and I presume the
> > > > antenna switch too, but I don't have one. I do my antenna switching
> > > >
> > > > using Top Ten Devices boxes) the amp will QSY and retune as soon as
> > > > a
> > > > new freq is entered in Writelog, either directly or read from the
> > > > FT1000D. The only problem is AcomTools was written for Win98 and its
> > > >
> > > > performance is a little flaky in XP, at least in my setup.
> > > > Gerry, W1VE, is working on a new version of similar software, so he
> > > >
> > > > told me at Dayton. Progress unknown...
> > > >
> > > > 2. Dave, N3RD (of Top Ten Devices), with the assistance of one of
> > > > the
> > > > Acom engineers in LZ, came up with a device to do some custom stack
> > > >
> > > > switching at N3RS. He tells me the Acom guys sent him a chip that
> > > > interfaces to the amps COM port. I don't want to speak for Dave, but
> > > >
> > > > I believe he feels there's too small a market to come up with a
> > > > commercial product here. You may want to talk with him.
> > > > 73,
> > > > Barry W2UP
> > > >
> > > > On 19 Jul 2003 Bruce Sawyer wrote:
> > > >
> > > > > A friend told me recently that he had his Acom 2000A connected to
> > > > his FT1000
> > > > > through the Band Data connector in such a way that whenever the
> > > > frequency
> > > > > was changed on the FT1000, then the amp immediately retrieved and
> > > > loaded the
> > > > > presets for that new frequency. When I asked how he did it, the
> > > > reference
> > > > > he cited was the well-known set of notes Stan gave on connecting
> > > > KEY-IN to
> > > > > TX GND and KEY-OUT to TX INHIBIT (see
> > > > > http://www.albany.net/~bg/Yaesu/MPAcom.htm). That, of course,
> > > > doesn't quite
> > > > > accomplish what I would hope to see, since in this mode the Acom
> > > > 2000A still
> > > > > requires a signal from the exciter in order to detect a new
> > > > frequency.
> > > > >
> > > > > Ideally, I would like to be able to enter a new frequency on my
> > > > logging
> > > > > program and have that command the rig, then the amp, and finally
> > > > the Acom
> > > > > antenna switch I have connected. However, that may not be

> > > > possible, and it
> > > > > well be the case that my friend and I simply miscommunicated on
> > > > this.
> > > > > (Unfortunately, his shack is 4000 miles or so away from me now,
> > > > and I wasn't
> > > > > careful to check his cables closely while I was visiting a couple
> > > > of weeks
> > > > > ago!) If it is possible to do this the way I would like, it would
> > > > require
> > > > > connections to pins 4, 5, 6, and 7 on the Band Data connector of
> > > > the Yaesu,
> > > > > and it would also require that the Acom 2000A be able to
> > > > understand Yaesu's
> > > > > encoding protocol. This doesn't seem likely, but I still would
> > > > like to be
> > > > > sure. Does anybody know if there is a way this can be done? The
> > > > specific
> > > > > Yaesu I have is a FT1000MP, but I suspect the pin-out on Band Data
> > > > is the
> > > > > same for all of the FT1000 series.
> > > > >
> > > > > Bruce, N6NT
> > > > >
>
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999. RE: [acom-list] Acom 2000 & 6 meters band

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-22 12:12:41 UTC
From: N2TK, Tony
Topic: 990 Message: 999

Huh? Has this actually happened? That would be a great mod to have 6M with the 2000A. Or is this a dream?
N2TK, Tony

-----Original Message-----
From: ea1ddo [mailto:ea1ddo@...]
Sent: Sunday, July 13, 2003 10:12
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000 & 6 meters band

Hi guys,

Anyone knows something about to "activate", "add" or "upgrade" the 6 meters band into the Acom 2000A?

73, Max - EA1DDO.

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[Non-text portions of this message have been removed]

1000. Re: [acom-list] Acom 2000 & 6 meters band

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-22 22:45:39 UTC
From: Bob Naumann - N5NJ
Topic: 990 Message: 1000

Sounds dream-like to me.
----- Original Message -----
From: N2TK, Tony
To: acom-list@yahoogroups.com
Sent: Tuesday, July 22, 2003 7:12 AM
Subject: RE: [acom-list] Acom 2000 & 6 meters band

Huh? Has this actually happened? That would be a great mod to have 6M with
the 2000A. Or is this a dream?
N2TK, Tony

-----Original Message-----
From: ea1ddo [mailto:ea1ddo@...]
Sent: Sunday, July 13, 2003 10:12
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000 & 6 meters band

Hi guys,

Anyone knows something about to "activate", "add" or "upgrade" the 6
meters band into the Acom 2000A?

73, Max - EA1DDO.

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08:HM/A=1663535/R=0/SIG=11ps6rfef/*http://www.ediets.com/start.cfm?code=3050
4&media=atkins>

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[Non-text portions of this message have been removed]

1001. 2000A Tube holders?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-25 18:32:27 UTC
From: k2qmf@juno.com
Topic: 1001 Message: 1001

Hello All,

I have a question regarding the tube holders.
I understand that the gray plastic inserts are
to be removed before using the 2000A.
I am wondering about the white plastic
pieces that are screwed to the top cover
and extend down onto the tubes.
Do they get removed also before using
the amp ????????? The manual doesn't
mention anything about these things....

Thanks in Advance and 73, Ted K2QMF

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1002. Re: [acom-list] 2000A Tube holders?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-25 18:44:05 UTC
From: Bob Naumann - N5NJ
Topic: 1001 Message: 1002

They stay in and keep the tubes in place.

>
> From: k2qmf@...
> Date: 2003/07/25 Fri PM 01:32:27 CDT
> To: acom-list@yahoogroups.com
> Subject: [acom-list] 2000A Tube holders?
>
>

[Non-text portions of this message have been removed]

1003. test e-mail

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-28 12:18:00 UTC
From: Taddei Massimo
Topic: 1003 Message: 1003

test e-mail

[Non-text portions of this message have been removed]

1004. test

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-28 13:38:06 UTC
From: Taddei Massimo
Topic: 683 Message: 1004

test e-mail

[Non-text portions of this message have been removed]

1005. Tubes replace

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-29 11:37:25 UTC
From: Taddei Massimo
Topic: 1005 Message: 1005

Hi,
has anybody replace the original tubes in the Acom2000a with a set of tubes GU74B for sale in the surplus market at 150 $? for instance, Tom's tube or Anthony Welsh.
Do these tubes work? or better let it go.
I am thinking about to get a spare set.

Many thanks.

73 Massimo

[Non-text portions of this message have been removed]

1006. Re: [acom-list] Tubes replace

Yahoo group: acom-list (1999 — 2009)
Date: 2003-07-29 12:25:06 UTC
From: Bob Naumann - N5NJ
Topic: 1005 Message: 1006

I bought a spare set from Tom when I bought my amp. (~4 years ago)

The original tubes are still working perfectly.
----- Original Message -----
From: Taddei Massimo
To: acom list
Sent: Tuesday, July 29, 2003 6:37 AM
Subject: [acom-list] Tubes replace

Hi,
has anybody replace the original tubes in the Acom2000a with a set of tubes GU74B for sale in the surplus market at 150 $? for instance, Tom's tube or Anthony Welsh.
Do these tubes work? or better let it go.
I am thinking about to get a spare set.

Many thanks.

73 Massimo

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1007. Re: Tubes replace

Yahoo group: acom-list (1999 — 2009)
Date: 2003-08-07 23:19:02 UTC
From: w3bp
Topic: 1005 Message: 1007

Hello All,

I bought my used ACOM 2000A and it had 3500 hours on the tubes but still full output. I replaced the tubes with ones from Tom and now have 1500 hours or so on them, no problems.

73 Bruce W3BP

--- In acom-list@yahoogroups.com, "Taddei Massimo" <iz5asz@l...> wrote:
> Hi,
> has anybody replace the original tubes in the Acom2000a with a set of tubes GU74B for sale in the surplus market at 150 $? for instance, Tom's tube or Anthony Welsh.
> Do these tubes work? or better let it go.
> I am thinking about to get a spare set.
>
> Many thanks.
>
> 73 Massimo
>
> [Non-text portions of this message have been removed]

1008. Re: Tubes replace

Yahoo group: acom-list (1999 — 2009)
Date: 2003-08-07 23:21:37 UTC
From: w3bp
Topic: 1005 Message: 1008

Hello All,

I bought my used ACOM 2000A and it had 3500 hours on the tubes but still full output. I replaced the tubes with ones from Tom and now have 1500 hours or so on them, no problems.

73 Bruce W3BP

--- In acom-list@yahoogroups.com, "Taddei Massimo" <iz5asz@l...> wrote:
> Hi,
> has anybody replace the original tubes in the Acom2000a with a set of tubes GU74B for sale in the surplus market at 150 $? for instance, Tom's tube or Anthony Welsh.
> Do these tubes work? or better let it go.
> I am thinking about to get a spare set.
>
> Many thanks.
>
> 73 Massimo
>
> [Non-text portions of this message have been removed]

1009. FT1000x BCD output to RS-232 Conversion device

Yahoo group: acom-list (1999 — 2009)
Date: 2003-08-26 10:35:12 UTC
From: ea1ddo
Topic: 1009 Message: 1009

Hi guys,

Anyone knows if the FT1000 BCD output (band info) is possible
to "convert" to a RS-232 ?
To run the FT1000 + Acom 2000 A + Acom 2000 S/SW WITHOUT PC software
control, just hardware.
May be through the FT1000 serial port translate to the Acom RS232 ?

Max - EA1DDO.

1010. Failure at Power On

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-01 23:21:06 UTC
From: Dave Hawes
Topic: 1010 Message: 1010

My 2000A has just developed this problem upon return home from recent use in the WAE CW contest at N3RS:

When attempting to turn the unit on, at the end of the 150 second warm up, the "Prot" LED flashes, the unit powers down, and I get the following error message:

"BIAS TOO LOW AT POWER ON: -35V"

I realize that the protection threshold is -100V. I doubt that this is an adjustment, but rather that something has failed (unit worked fine when last powered on for the contest), perhaps in the short ride home something came loose in the unit.

Has anyone seen this error message and had any luck in debugging/fixing it?

73 - Dave N3RD

1011. Re: [acom-list] Failure at Power On

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-02 03:51:51 UTC
From: Jim Movius
Topic: 1010 Message: 1011

Hi Dave,
Experienced the same problem last Dec. Sent the amp, minus the big
transformer to the he nice folks at ACOM in Mass. and they replaced the
replaced the screen power supply PCB. Accumulated run time at failure was
1626 hours. After repair the amp worked fine at ACOM, but gave me the same
error signal upon return -- Will at ACOM k6nd@... had warned that a
bad tube might still be a problem. Replaced both tubes and all has been
fine ever since. Total time now is 1829 hours.
Best wishes, good luck,
Jim, KL7JM
----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, September 01, 2003 3:21 PM
Subject: [acom-list] Failure at Power On

> My 2000A has just developed this problem upon return home from
> recent use in the WAE CW contest at N3RS:
>
> When attempting to turn the unit on, at the end of the 150 second
> warm up, the "Prot" LED flashes, the unit powers down, and I get the
> following error message:
>
> "BIAS TOO LOW AT POWER ON: -35V"
>
> I realize that the protection threshold is -100V. I doubt that this is an
> adjustment, but rather that something has failed (unit worked fine
> when last powered on for the contest), perhaps in the short ride home
> something came loose in the unit.
>
> Has anyone seen this error message and had any luck in
> debugging/fixing it?
>
> 73 - Dave N3RD
>
>
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>

1012. hey check it

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-02 12:12:36 UTC
From: jean_blt567
Topic: 1012 Message: 1012

you guys are gonna shit your pants when you see what this girl does for free

http://www.nakedfriendfinder.com/landing.asp?afl=MYHO

1013. you left me with my thong around my ankles

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-02 22:59:13 UTC
From: jean_blt567
Topic: 1013 Message: 1013

I was at work today just thinking about the other online when you left hanging there with my fingers in my pussy. I was so pissed. But, I got over it in no time. I had to care of myself if ya know what I mean. I was wondering if you still wanted to meet up and take care of me when Im coming through on my summer vacation. I hope your manhood is a big as you said it was. I want something over-satisfying. I found this other website last nite that has so many more features than the one were on now. It had a free trial so I was like "why not?". So if you dont see me then you know why. Look me up under my new site as "bootiusmaximus" xoxo hope to hear from ya.
http://www.nakedfriendfinder.com/landing.asp?afl=MYHO

1014. spammer gone

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-02 23:38:12 UTC
From: Barry
Topic: 1014 Message: 1014

Sorry folks. That was a "sleeper spammer," who subscribed to the list many months ago. As you may be aware, for about 2 months now, all subscribers must be approved prior to joining the list. It's been averaging about 2 of these dopes per week trying to subscribe.
Back to the bands...
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1015. Re: [acom-list] spammer gone

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-02 23:39:07 UTC
From: Bruce Sawyer
Topic: 1014 Message: 1015

Thanks for dealing with it. I know it must be irritating to you to have to deal with this stuff, but I'm sure everyone appreciates your efforts.

Bruce, N6NT
----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Tuesday, September 02, 2003 4:38 PM
Subject: [acom-list] spammer gone

Sorry folks. That was a "sleeper spammer," who subscribed to the list
many months ago. As you may be aware, for about 2 months now, all
subscribers must be approved prior to joining the list. It's been
averaging about 2 of these dopes per week trying to subscribe.
Back to the bands...
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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1016. strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-09 00:29:06 UTC
From: Howard Klein
Topic: 1016 Message: 1016

Has anyone come across this problem? 14.000 to 14.100 segment shows arc fault. No other segments on any other bands indicate this problem. This occurs with 2 separate antennas. Any ideas?
Howard..K2HK

_____
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1017. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-09 01:37:04 UTC
From: Carl Moreschi
Topic: 1016 Message: 1017

If you have a common feedline to the antennas, it could be some corrosion in
a common coax connector. I had a problem similar to this and corrosion had
set in one of my pl-259's on a feedline shared by several antennas.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 09, 2003 12:29 AM
Subject: [acom-list] strange problem

> Has anyone come across this problem? 14.000 to 14.100 segment shows arc
> fault. No other segments on any other bands indicate this problem. This
> occurs with 2 separate antennas. Any ideas?
> Howard..K2HK
>
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1018. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-11 00:52:51 UTC
From: Howard Klein
Topic: 1016 Message: 1018

Carl,
I thought of that but changed everything out. AND it only happens on that band segment 14.000-14.100. I believe it is internal to the amp

----Original Message Follows----
From: "Carl Moreschi" <n4py@...>
Reply-To: acom-list@yahoogroups.com
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] strange problem
Date: Tue, 9 Sep 2003 01:37:04 -0000

If you have a common feedline to the antennas, it could be some corrosion in a common coax connector. I had a problem similar to this and corrosion had set in one of my pl-259's on a feedline shared by several antennas.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 09, 2003 12:29 AM
Subject: [acom-list] strange problem

> Has anyone come across this problem? 14.000 to 14.100 segment shows arc
> fault. No other segments on any other bands indicate this problem. This
> occurs with 2 separate antennas. Any ideas?
> Howard..K2HK
>
> _____
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1019. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-11 01:34:56 UTC
From: Bruce Sawyer
Topic: 1016 Message: 1019

There is a mod Stan put in effect approximately April of 2002 which may be relevant here. You should check and see if the date of manufacture of your unit is after or before that date. The modification entails installing a diode in the control board behind the front panel, but I can't remember what diode nor where it goes. I had persistant arc fault problems with my 2000A and went back and forth with Stan on this many times. Finally he suggested I try this diode, but I wasn't able to get one and try it out until fall of 2002. Miraculously, that cured all of my arc fault problems. That was when Stan admitted this had been cut in as a manufacturing change order the previous spring.

I should add, however, that I was having arc fault problems on all band segments--not just one as you are. What made the problem vexing was that I did discover a bad balun on my tribander in the midst of all this investigation. So there were some real antenna problems I was having which were masking a real problem with the amp. As I mentioned, your best bet is to check that you have all the factory mods installed in your amp as a first step.

Bruce, N6NT/ZF2NT
----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Cc: n4py@...
Sent: Wednesday, September 10, 2003 5:52 PM
Subject: Re: [acom-list] strange problem

Carl,
I thought of that but changed everything out. AND it only happens on that band segment 14.000-14.100. I believe it is internal to the amp

----Original Message Follows----
From: "Carl Moreschi" <n4py@...>
Reply-To: acom-list@yahoogroups.com
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] strange problem
Date: Tue, 9 Sep 2003 01:37:04 -0000

If you have a common feedline to the antennas, it could be some corrosion in a common coax connector. I had a problem similar to this and corrosion had set in one of my pl-259's on a feedline shared by several antennas.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 09, 2003 12:29 AM
Subject: [acom-list] strange problem

> Has anyone come across this problem? 14.000 to 14.100 segment shows arc
> fault. No other segments on any other bands indicate this problem. This
> occurs with 2 separate antennas. Any ideas?
> Howard..K2HK
>
> _____
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[Non-text portions of this message have been removed]

1020. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-11 10:52:45 UTC
From: alsopb
Topic: 1016 Message: 1020

Howard,

Have you tried reducing drive to a very low level and been able to
find a power level which does not produce the fault?

If so gradually bring drive up until fault occurs. Without exception
all arc faults here were due to bad/mismatched antenna components.
Since yours seems to be freq dependent, is there something about the
14000-14100 segment which is different? For example, are your
antennas tuned for the high phone band? I will get arc faults here
when trying to run full power in the high phone band. My antennas are
tuned for low CW. The "cure" is to drop the drive to a level which
doesn't trip the amp.

73 de Brian/K3KO

Howard Klein wrote:
>
> Has anyone come across this problem? 14.000 to 14.100 segment shows arc
> fault. No other segments on any other bands indicate this problem. This
> occurs with 2 separate antennas. Any ideas?
> Howard..K2HK
>
> ____
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1021. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-11 19:13:30 UTC
From: Howard Klein
Topic: 1016 Message: 1021

Thank you Bruce for your suggestions. I believe this problem is a bit more specific although I do not have the diode mod installed. I will try Will's ideas and see how they work as soon as I get home. When I get this squared away I will post to the net.
73,
Howard

----Original Message Follows----
From: "Bruce Sawyer" <n6nt@...>
Reply-To: acom-list@yahoogroups.com
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] strange problem
Date: Wed, 10 Sep 2003 18:34:56 -0700

There is a mod Stan put in effect approximately April of 2002 which may be relevant here. You should check and see if the date of manufacture of your unit is after or before that date. The modification entails installing a diode in the control board behind the front panel, but I can't remember what diode nor where it goes. I had persistant arc fault problems with my 2000A and went back and forth with Stan on this many times. Finally he suggested I try this diode, but I wasn't able to get one and try it out until fall of 2002. Miraculously, that cured all of my arc fault problems. That was when Stan admitted this had been cut in as a manufacturing change order the previous spring.

I should add, however, that I was having arc fault problems on all band segments--not just one as you are. What made the problem vexing was that I did discover a bad balun on my tribander in the midst of all this investigation. So there were some real antenna problems I was having which were masking a real problem with the amp. As I mentioned, your best bet is to check that you have all the factory mods installed in your amp as a first step.

Bruce, N6NT/ZF2NT

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1022. Re: strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-11 20:25:11 UTC
From: exhper
Topic: 1016 Message: 1022

--- In acom-list@yahoogroups.com, "Bruce Sawyer" <n6nt@a...> wrote:
> There is a mod Stan put in effect approximately April of 2002 which may be relevant here. You should check and see if the date of manufacture of your unit is after or before that date. The modification entails installing a diode in the control board behind the front panel,
....

Ok so where, how, etc. does one get the low-down on this amp. mod..???
I have one of the older amps, (bought 2000). I've had the arc fault problem off and on as well. Yep I've got the antenna and feedlines up to snuff....:) Any pointers would be appreciated..!!!

thanks....

Don/N0FGK

1023. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-12 03:04:08 UTC
From: Howard Klein
Topic: 1016 Message: 1023

Brian,
I can't raise the level sufficiently to center it in the brackets. In other words not sufficient drive to tune it before it faults. In concurrence with your thoughts my sense is that it is not tuning for the segment and therefore causing the arc fault due to mismatch.

----Original Message Follows----
From: alsopb <alsopb@...>

Howard,

Have you tried reducing drive to a very low level and been able to find a power level which does not produce the fault?

If so gradually bring drive up until fault occurs. Without exception all arc faults here were due to bad/mismatched antenna components. Since yours seems to be freq dependent, is there something about the 14000-14100 segment which is different? For example, are your antennas tuned for the high phone band? I will get arc faults here when trying to run full power in the high phone band. My antennas are tuned for low CW. The "cure" is to drop the drive to a level which doesn't trip the amp.

73 de Brian/K3KO

Howard Klein wrote:
>
> Has anyone come across this problem? 14.000 to 14.100 segment shows arc
> fault. No other segments on any other bands indicate this problem. This
> occurs with 2 separate antennas. Any ideas?
> Howard..K2HK
>
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1024. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-12 11:07:02 UTC
From: Charles Fulp
Topic: 1016 Message: 1024

How about tuning that section into a dummy load..that would get your
settings in the ball park.. then tune into a real antenna..
Maybe the present settings are just so far off everything looks like a
fault.... 10 watts shouldn't trip the ACOM...you would think.

73 Chas K3WW

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Cc: <alsopb@...>
Sent: Friday, September 12, 2003 3:04
Subject: Re: [acom-list] strange problem

> Brian,
> I can't raise the level sufficiently to center it in the brackets. In
other
> words not sufficient drive to tune it before it faults. In concurrence
with
> your thoughts my sense is that it is not tuning for the segment and
> therefore causing the arc fault due to mismatch.
>
>
> ----Original Message Follows----
> From: alsopb <alsopb@...>
>
>
> Howard,
>
> Have you tried reducing drive to a very low level and been able to
> find a power level which does not produce the fault?
>
> If so gradually bring drive up until fault occurs. Without exception
> all arc faults here were due to bad/mismatched antenna components.
> Since yours seems to be freq dependent, is there something about the
> 14000-14100 segment which is different? For example, are your
> antennas tuned for the high phone band? I will get arc faults here
> when trying to run full power in the high phone band. My antennas are
> tuned for low CW. The "cure" is to drop the drive to a level which
> doesn't trip the amp.
>
> 73 de Brian/K3KO
>
> Howard Klein wrote:
> >
> > Has anyone come across this problem? 14.000 to 14.100 segment shows arc

> > fault. No other segments on any other bands indicate this problem. This
> > occurs with 2 separate antennas. Any ideas?
> > Howard..K2HK
> >
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1025. Re: [acom-list] Re: strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-12 12:24:38 UTC
From: Howard Klein
Topic: 1016 Message: 1025

I have an early Acom 2000A and although I have had arc fault failures from time to time I have found in every case it was an indication that there was a problem either with out of tune, feedline (and components) or for awhile a timing problem between exciter and amp switching. My current problem, just one band segment, gives me the sense that seg is not tuning. Will have more next week when I get the chance to try some of Stan's suggestions.
Howard...K2HK

----Original Message Follows----
From: "exhper" <thaxton@...>
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: strange problem
Date: Thu, 11 Sep 2003 20:25:11 -0000

--- In acom-list@yahoogroups.com, "Bruce Sawyer" <n6nt@a...> wrote:
> There is a mod Stan put in effect approximately April of 2002 which may be relevant here. You should check and see if the date of manufacture of your unit is after or before that date. The modification entails installing a diode in the control board behind the front panel,
....

Ok so where, how, etc. does one get the low-down on this amp. mod..???
I have one of the older amps, (bought 2000). I've had the arc fault problem off and on as well. Yep I've got the antenna and feedlines up to snuff....:) Any pointers would be appreciated..!!!

thanks....

Don/N0FGK

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1026. Re: [acom-list] strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-13 01:47:08 UTC
From: Howard Klein
Topic: 1016 Message: 1026

I could try that and will when I get home. Simple enough to do but I believe
the problem is internal to the amp. We'll see soon enough. Stan is the man
when it comes to any Acom problem. He is its creator.
73,
Howard

----Original Message Follows----
From: "Charles Fulp" <k3ww@...>
Reply-To: acom-list@yahoogroups.com
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] strange problem
Date: Fri, 12 Sep 2003 11:07:02 -0000

How about tuning that section into a dummy load..that would get your
settings in the ball park.. then tune into a real antenna..
Maybe the present settings are just so far off everything looks like a
fault.... 10 watts shouldn't trip the ACOM...you would think.

73 Chas K3WW

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Cc: <alsopb@...>
Sent: Friday, September 12, 2003 3:04
Subject: Re: [acom-list] strange problem

> Brian,
> I can't raise the level sufficiently to center it in the brackets. In
other
> words not sufficient drive to tune it before it faults. In concurrence
with
> your thoughts my sense is that it is not tuning for the segment and
> therefore causing the arc fault due to mismatch.
>
>
> ----Original Message Follows----
> From: alsopb <alsopb@...>
>
>
> Howard,
>
> Have you tried reducing drive to a very low level and been able to
> find a power level which does not produce the fault?
>
> If so gradually bring drive up until fault occurs. Without exception

> all arc faults here were due to bad/mismatched antenna components.
> Since yours seems to be freq dependent, is there something about the
> 14000-14100 segment which is different? For example, are your
> antennas tuned for the high phone band? I will get arc faults here
> when trying to run full power in the high phone band. My antennas are
> tuned for low CW. The "cure" is to drop the drive to a level which
> doesn't trip the amp.
>
> 73 de Brian/K3KO
>
> Howard Klein wrote:
> >
> > Has anyone come across this problem? 14.000 to 14.100 segment shows
arc
> > fault. No other segments on any other bands indicate this problem.
This
> > occurs with 2 separate antennas. Any ideas?
> > Howard..K2HK
> >
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1027. Strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-16 20:22:12 UTC
From: Howard Klein
Topic: 1027 Message: 1027

Hi Will,
Thank you and Stan for the ideas. As Stan suggested erasing the non-volatile memory solved the problem. I imagine that segment got hung up somehow and would not change until the reset. All OK again.
Best Regards to you and the Acom group.
Howard...K2HK

----Original Message Follows----
From: "Will Angenent" <k6nd@...>

Subject: Re: [acom-list] strange problem
Date: Thu, 11 Sep 2003 11:00:35 -0400

Hello Howard, I forwarded your email to our engineer in Bulgaria and he emailed me the following:

Hello Will,

It seems strange indeed. You can tell Howard the following suggestions:

1. Erase the Nonvolatile Memory (Oper. Manual S.5-7).

2. Check the drive coaxial cable.

3. Do a fresh AUTO TUNE (Oper. Manual S.4-1) and test it again.

4. On (14.0-14.1)MHz note the output power where the problem appears (gradually increasing from a possible minimum). Note the drive power needed at this point.

In the MEASURE sub-menu check the PLATE-RF voltage and the GAIN at a power slightly below that maximum.

5. On the next frequency segment (14.1-14.2MHz) and the same antenna, check the same at the same output level as in (4). Note the drive power at this segment too.

If the problem persists, please give me the measurement results for analysis. Tell him to contact me directly at acom@....

73 de Stan LZ1IU
Sofia, 11 September 2003.

Please follow his instructions and send me the results also.

Best Regards,

Will
K6ND

> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, September 09, 2003 12:29 AM
> Subject: [acom-list] strange problem
>
>
> > Has anyone come across this problem? 14.000 to 14.100 segment shows
arc
> > fault. No other segments on any other bands indicate this problem.
This
> > occurs with 2 separate antennas. Any ideas?
> > Howard..K2HK

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1028. Re: [acom-list] Strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-17 06:19:08 UTC
From: Giorgio Goggi
Topic: 1027 Message: 1028

Hello,
I had (and still have) a similar problem on 10 MHz, but replacing a rather old tranceiver with a more modern one the
fault disappeared.

It seems that the old one developed a glitch in the output waveform that hurts my Acom 2000; it interferes also with
normal bandswitching.

73 de Giorgio, I2KMG

> Hi Will,
> Thank you and Stan for the ideas. As Stan suggested erasing the non-volatile
> memory solved the problem. I imagine that segment got hung up somehow and
> would not change until the reset. All OK again.
> Best Regards to you and the Acom group.
> Howard...K2HK
>
> ----Original Message Follows----
> From: "Will Angenent" <k6nd@...>
>
> Subject: Re: [acom-list] strange problem
> Date: Thu, 11 Sep 2003 11:00:35 -0400
>
> Hello Howard, I forwarded your email to our engineer in Bulgaria and he
> emailed me the following:
>
> Hello Will,
>
> It seems strange indeed. You can tell Howard the following suggestions:
>
> 1. Erase the Nonvolatile Memory (Oper. Manual S.5-7).
>
> 2. Check the drive coaxial cable.
>
> 3. Do a fresh AUTO TUNE (Oper. Manual S.4-1) and test it again.
>
> 4. On (14.0-14.1)MHz note the output power where the problem appears
> (gradually increasing from a possible minimum). Note the drive power needed
> at this point.
>
> In the MEASURE sub-menu check the PLATE-RF voltage and the GAIN at a power
> slightly below that maximum.
>
> 5. On the next frequency segment (14.1-14.2MHz) and the same antenna, check
> the same at the same output level as in (4). Note the drive power at this

> segment too.
>
> If the problem persists, please give me the measurement results for
> analysis. Tell him to contact me directly at acom@....
>
> 73 de Stan LZ1IU
> Sofia, 11 September 2003.
>
> Please follow his instructions and send me the results also.
>
> Best Regards,
>
> Will
> K6ND
>
> > To: <acom-list@yahoogroups.com>
> > Sent: Tuesday, September 09, 2003 12:29 AM
> > Subject: [acom-list] strange problem
> >
> >
> > > Has anyone come across this problem? 14.000 to 14.100 segment shows
> arc
> > > fault. No other segments on any other bands indicate this problem.
> This
> > > occurs with 2 separate antennas. Any ideas?
> > > Howard..K2HK
>
> _____
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1029. The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 18:13:59 UTC
From: Jim Idelson
Topic: 1029 Message: 1029

I've been working on my 40m antenna this past week, and I was seeing the arc fault message quite frequently. I was about to take the antenna down because over the years I have become so confdent that arc faults can be traced to coax or antenna problems. But, the recent discussion of arc faults made me think again before climbing the tower. Turns out the fault only occurred when I was in the 7.000 to 7.100 segment. 7.099 bad; 7.101 worked fine. I retuned the amp many times, and the arc fault still happened. Then I decided to try the NVRAM reset procedure suggested by Stan. Instead of doing the full reset, I did the less invasive reset that restores only the user settings to the defaults. This worked just fine. I am very pleased - no need to touch the antenna!

73,

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

1030. Re: [acom-list] The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 18:48:24 UTC
From: alsopb
Topic: 1029 Message: 1030

The real question is why are these resets necessary?
Are the memory chips starting to fail?
Can we expect these failures in our future?

73 de Brian/K3KO

Jim Idelson wrote:
>
> I've been working on my 40m antenna this past week, and I was seeing the arc
> fault message quite frequently. I was about to take the antenna down because
> over the years I have become so confdent that arc faults can be traced to coax
> or antenna problems. But, the recent discussion of arc faults made me think
> again before climbing the tower. Turns out the fault only occurred when I was
> in the 7.000 to 7.100 segment. 7.099 bad; 7.101 worked fine. I retuned the amp
> many times, and the arc fault still happened. Then I decided to try the NVRAM
> reset procedure suggested by Stan. Instead of doing the full reset, I did the
> less invasive reset that restores only the user settings to the defaults. This
> worked just fine. I am very pleased - no need to touch the antenna!
>
> 73,
>
> Jim Idelson K1IR
> email k1ir@...
> web http://www.designet.com/k1ir
>
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1031. Re: [acom-list] The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 19:23:24 UTC
From: Barry
Topic: 1029 Message: 1031

FWIW, I have what I believe is the second Acom amp in the US. I bought it May 1999, and no problems here. I know PY5EG and ON4UN got them earlier. I'm sure there are others. Any comments from early amp owners?
73,
Barry W2UP

On 21 Sep 2003 alsopb wrote:

> The real question is why are these resets necessary?
> Are the memory chips starting to fail?
> Can we expect these failures in our future?
>
> 73 de Brian/K3KO
>
> Jim Idelson wrote:
> >
> > I've been working on my 40m antenna this past week, and I was seeing the arc
> > fault message quite frequently. I was about to take the antenna down because
> > over the years I have become so confdent that arc faults can be traced to coax
> > or antenna problems. But, the recent discussion of arc faults made me think
> > again before climbing the tower. Turns out the fault only occurred when I was
> > in the 7.000 to 7.100 segment. 7.099 bad; 7.101 worked fine. I retuned the amp
> > many times, and the arc fault still happened. Then I decided to try the NVRAM
> > reset procedure suggested by Stan. Instead of doing the full reset, I did the
> > less invasive reset that restores only the user settings to the defaults. This
> > worked just fine. I am very pleased - no need to touch the antenna!
> >
> > 73,
> >
> > Jim Idelson K1IR
> > email k1ir@...
> > web http://www.designet.com/k1ir
> >
> >
> > To unsubscribe, send an empty message to:
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1032. FWD: Re: [acom-list] The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 20:13:15 UTC
From: Jim Idelson
Topic: 1032 Message: 1032

Let me answer all the questions with one message.

1. Brian - I have no idea why this happens, but I don't suspect there is a hardware problem. More likely, the autotune process that over-writes the last settings stored for a segment doesn't rewrite every value. But, when you restore defaults everything is rewritten. Just my guess.

2. Bruce - I used the "CLR" function described in section 5-5 on page 22 of my manual. As I looked over the rest of the manual, I note that you can erase only a specific segment's User setting with the procedure described in section 4-5 of the manual on page 20. This looks like a good first step if you run into the arc problem. It forces you to do the least retuning.

3. Barry - My amp is also a rather [very] early one. This is the first time I'e seen this cause of the arc faults.

Jim Idelson K1IR
email k1ir@...
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "Barry " <w2up@...>
TO: acom-list@yahoogroups.com
DATE: Sun, 21 Sep 2003 19:23:24 -0000

RE: Re: [acom-list] The strange problem

FWIW, I have what I believe is the second Acom amp in the US. I bought it May 1999, and no problems here. I know PY5EG and ON4UN got them earlier. I'm sure there are others. Any comments from early amp owners?
73,
Barry W2UP

On 21 Sep 2003 alsopb wrote:

> The real question is why are these resets necessary?
> Are the memory chips starting to fail?
> Can we expect these failures in our future?
>
> 73 de Brian/K3KO
>
> Jim Idelson wrote:
> >
> > I've been working on my 40m antenna this past week, and I was seeing the arc

> > fault message quite frequently. I was about to take the antenna down
because
> > over the years I have become so confdent that arc faults can be traced to
coax
> > or antenna problems. But, the recent discussion of arc faults made me think
> > again before climbing the tower. Turns out the fault only occurred when I
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> > in the 7.000 to 7.100 segment. 7.099 bad; 7.101 worked fine. I retuned the
amp
> > many times, and the arc fault still happened. Then I decided to try the
NVRAM
> > reset procedure suggested by Stan. Instead of doing the full reset, I did
the
> > less invasive reset that restores only the user settings to the defaults.
This
> > worked just fine. I am very pleased - no need to touch the antenna!
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> > 73,
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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1033. Re: FWD: Re: [acom-list] The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 20:36:15 UTC
From: alsopb
Topic: 1032 Message: 1033

Jim,

How about the NV memory "forgets" a bit due to deterioriation or
cosmic radiation? My understanding is that these chips are supposed
to be good for 20 years or so but maybe not. However, I'm really
wondering if we are seeing the edge of the failure distribution.

My amp is a Sept. 2000 vintage one with lots of writes/rewrites of the
antenna settings. No problem --- yet.

73 de Brian/K3KO

Jim Idelson wrote:
>
> Let me answer all the questions with one message.
>
> 1. Brian - I have no idea why this happens, but I don't suspect there is a
> hardware problem. More likely, the autotune process that over-writes the last
> settings stored for a segment doesn't rewrite every value. But, when you
> restore defaults everything is rewritten. Just my guess.
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> 2. Bruce - I used the "CLR" function described in section 5-5 on page 22 of my
> manual. As I looked over the rest of the manual, I note that you can erase only
> a specific segment's User setting with the procedure described in section 4-5
> of the manual on page 20. This looks like a good first step if you run into the
> arc problem. It forces you to do the least retuning.
>
> 3. Barry - My amp is also a rather [very] early one. This is the first time
> I'e seen this cause of the arc faults.
>
> Jim Idelson K1IR
> email k1ir@...
> web http://www.designet.com/k1ir
>
> ---------- Forwarded Message ----------
>
> FROM: "Barry " <w2up@...>
> TO: acom-list@yahoogroups.com
> DATE: Sun, 21 Sep 2003 19:23:24 -0000
>
> RE: Re: [acom-list] The strange problem
>
> FWIW, I have what I believe is the second Acom amp in the US. I
> bought it May 1999, and no problems here. I know PY5EG and ON4UN got
> them earlier. I'm sure there are others. Any comments from early amp
> owners?

> 73,
> Barry W2UP
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> On 21 Sep 2003 alsopb wrote:
>
> > The real question is why are these resets necessary?
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> > Jim Idelson wrote:
> > >
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> Newtown, PA Frankford Radio Club
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1034. Re: FWD: Re: [acom-list] The strange problem

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-21 21:45:05 UTC
From: Howard Klein
Topic: 1032 Message: 1034

I guess I started this thread so my two cents. My problem occured after I installed a new antenna and was tuning the usr segs. I believe some quick button pushing on my part caused bad readings to be stored. I thought to clear only that segment but decided it was time to freshen up. In any event it was a simple and fairly quick procedure. I am an early user ca. 1999 and have had minimal to no problems. My output has not deviated from my earliest outputs using the orginal tubes. For an amp of this complexity I think its performance has been outstanding and Acom support has been better than that. As I approach my fifth year of use I think I made the right decision!
Howard...K2HK

From: Jim Idetoo k1ir@... Reply-To: acom-list@yahoogroups.com To: acom-list@yahoogroups.com acom-list@yahoogroups.com Subject: FWD: Re: [acom-list] The strange problem Date: Sun, 21 Sep 2003 16:13:15 -0400
Let me answer all the questions with one message.
1. Brian - I have no idea why this happens, but I don't suspect there is a hardware problem. More likely, the autotune process that over-writes the last settings stored for a segment doesn't rewrite every value. But, when you restore defaults everything is rewritten. Just my guess.
2. Bruce - I used the "CLR" function described in section 5-5 on page 22 of my manual. As I looked over the rest of the manual, I note that you can erase only a specific segment's User setting with the procedure described in section 4-5 of the manual on page 20. This looks like a good first step if you run into the arc problem. It forces you to do the least retuning.
3. Barry - My amp is also a rather [very] early one. This is the first time I'e seen this cause of the arc faults.
Jim Idelson K1IR email k1ir@... web http://www.designet.com/k1ir
---------- Forwarded Message ----------
FROM: "Barry " w2up@... TO: acom-list@yahoogroups.com DATE: Sun, 21 Sep 2003 19:23:24 -0000
RE: Re: [acom-list] The strange problem
FWIW, I have what I believe is the second Acom amp in the US. I bought it May 1999, and no problems here. I know PY5EG and ON4UN got them earlier. I'm sure there are others. Any comments from early amp owners? 73, Barry W2UP
On 21 Sep 2003 alsopb wrote:
The real question is why are these resets necessary? Are the memory chips starting to fail? Can we expect these failures in our future?

73 de Brian/K3KO

Jim Idelson wrote:

I've been working on my 40m antenna this past week, and I was seeing the arc fault message quite frequently. I was about to take the antenna down because over the years I have become so confdent that arc faults can be traced to coax or antenna problems. But, the recent discussion of arc

faults made me think again before climbing the tower. Turns out the fault only occurred when I was in the 7.000 to 7.100 segment. 7.099 bad; 7.101 worked fine. I retuned the amp many times, and the arc fault still happened. Then I decided to try the NVRAM reset procedure suggested by Stan. Instead of doing the full reset, I did the less invasive reset that restores only the user settings to the defaults. This worked just fine. I am very pleased - no need to touch the antenna!

73,

Jim Idelson K1IR email k1ir@... web http://www.designet.com/k1ir

_____
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1035. Heat ducting?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-25 19:45:04 UTC
From: Barry
Topic: 1035 Message: 1035

I wonder if anyone has used any kind of ducting on the Acom 2000A exhaust to direct the hear out of the shack? If so, I'd like to hear details.

I'm planning on operating the CQWW RTTY SO2R this weekend, and it's probably gonna get pretty warm in the shack with 2 amps going!
Tnx,
Barry--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1036. Re: [acom-list] Heat ducting?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-26 01:21:07 UTC
From: RCARIELLO
Topic: 1035 Message: 1036

Barry,
I have a home made heat duct for my Acom 2000a.
The concern was limiting the air flow across the amplifier tubes.
I have not seen any increase in tube temperature.

I made a hood to cover both tubes air flow outlets from a tin Holiday cookie container. The box is 10x7x3 inches which covers both tube air outlets. Over the tube outlets in the cookie tin I made a 4 inch diameter hole. A 90 degree heating air duct elbow is placed into this hole. It is held in place to the hood with a large stainless steel hose strap. At the other end I fashioned a faxable four inch diameter aluminum heat duct pipe. This runs through my basement finished area wall to an unfinished part of the basement venting the hot air. The distance is less then two feet.

If I had to make the heat duct pipe longer I would consider adding a fan along the lengths of the pipe. I have seen fans designed for this purpose at Home Depot. Before doing this I would first try it without the fan and look for a change in tube temperature.

Best of luck,

Rich AA2MF

----- Original Message -----
From: "Barry" <w2up@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, September 25, 2003 7:45 PM
Subject: [acom-list] Heat ducting?

> I wonder if anyone has used any kind of ducting on the Acom 2000A
> exhaust to direct the hear out of the shack? If so, I'd like to hear
> details.
>
> I'm planning on operating the CQWW RTTY SO2R this weekend, and it's
> probably gonna get pretty warm in the shack with 2 amps going!
> Tnx,
> Barry--
> Barry Kutner, W2UP Internet: w2up@...
> Newtown, PA Frankford Radio Club
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>

1037. Re: [acom-list] Heat ducting?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-09-26 03:55:36 UTC
From: K4HW
Topic: 1035 Message: 1037

Barry,

One of the nice features 2000A is how it is totally controlled by the RCU. I made a 30 or 40ft extension cable for the RCU and put the Amp in another room (basement in my case). This may not be the solution for you but it has worked great here for a couple of years.

73, Hal -K4HW

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Thursday, September 25, 2003 3:45 PM
Subject: [acom-list] Heat ducting?

I wonder if anyone has used any kind of ducting on the Acom 2000A
exhaust to direct the hear out of the shack? If so, I'd like to hear
details.

I'm planning on operating the CQWW RTTY SO2R this weekend, and it's
probably gonna get pretty warm in the shack with 2 amps going!
Tnx,
Barry--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

1038. Find a friend in CHAT

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-02 08:50:49 UTC
From: webmistress_kimmy33
Topic: 1038 Message: 1038

I guess MSN does not make enough $$$ because they are taking away chat in a few weeks. You will have to pay for chat and you will still be banned from talking about sex and well sharing your email address.

www.Nudeadultfriendfinder.com/landing.asp?afl=TYHO will not limit you to what you say or do on the site. We have pushed this site right to the edge and beyond what any other site has ever attempted to do. This site has it all and if you have suggestions your welcome to write us and speak your mind.

1039. OT: It's a sick world

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-03 23:50:02 UTC
From: Barry
Topic: 1039 Message: 1039

Just thought I'd pass this along for a little comic relief. It's
funny, yet sad. Here's the latest subscribe attempt to the list:

The following user would like to subscribe to the acom-list group:

happy_breasts69x1 <happy_breasts69x1@...>

Over the last month, it's been averaging about one per day, of email
addresses of this type.

Happy QRO,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1040. arc fault/diode fix..??

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-05 22:40:41 UTC
From: exhper
Topic: 1040 Message: 1040

Someone a while back mentioned that ACOM had made a mfg. change to the 2000A's that involved a diode change. I believe that it was related to helping fix the intermittent arc fault error's. Can anyone provide any specific info. as to what exact diode was changed, pca location, is it user installable, etc.

Yes I am aware....:)...that arc faults indicate some problem in the antenna/feedline. I believe, and we know what that means, that my system is up to snuff. Those occasional arc faults do get annoying...:)

Any information would be appreciated.

thanks...

Don/N0FGK

1041. 2000A alarm - help

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-08 22:51:27 UTC
From: n2tk
Topic: 1041 Message: 1041

My 2000a has been working great. Today when I turned on the amp, I got the following message after the time out - "HV too low at power on: .11KV".
Any ideas before I take off the covers? Any suggestions on what and how to troubleshoot this problem?
Tnx
N2TK, Tony

1042. ACOM 1000 and ALC?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-09 19:52:42 UTC
From: hans@remeeus.nl
Topic: 1042 Message: 1042

Hello to everyACOMbody!

I am planning to buy the Acom 1000 HF+6 linear amplifier;
http://www.eham.net/reviews/detail/1694 looks very good and reliable.

On the site http://www.harvest.com/acom1000.htm I can't see any ALC-control.

Who has such a linear and knows more about it?

What happens if I - by accident - use 200 Watts input with my Mark V?

Thanks!

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

1043. RE: [acom-list] ACOM 1000 and ALC?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-09 21:29:15 UTC
From: G3SJJ
Topic: 1042 Message: 1043

Hans, I am using an Acom 1000 here. You are correct, there is no ALC. The amp will indicate if you are over-driving and will shut down if you exceed the input power excessively.

My radio is an FT1kMP and when using the amp I set the power limit to 50W. This is good for SSB but not quite enough to obtain full output from the amp on CW.

I have used the amp with a MK5 and then set the power limit to 75W. This works well for both CW and SSB.

It is very quiet and reliable. An excellent product. Chris G3SJJ

-----Original Message-----
From: hans@... [mailto:hans@...]
Sent: 09 October 2003 19:53
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 and ALC?

Hello to everyACOMbody!

I am planning to buy the Acom 1000 HF+6 linear amplifier;
http://www.eham.net/reviews/detail/1694 looks very good and reliable.

On the site http://www.harvest.com/acom1000.htm I can't see any ALC-control.

Who has such a linear and knows more about it?

What happens if I - by accident - use 200 Watts input with my Mark V?

Thanks!

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

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1044. RE: [acom-list] ACOM 1000 and ALC?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-10 05:14:10 UTC
From: Neil King
Topic: 1042 Message: 1044

Hans,

I've had my Acom1000 since June and have used it in several contests and hauled it to Africa (3DA0) and back. It's performed flawlessly on 6M through 160m. It's an excellent amp, which I wouldn't hesitate to recommend. Of course I'm biased, I also own an Acom2000A as well.

Cheers,
Neil
VA7DX/7P8NK/3DA0WC

-----Original Message-----
From: hans@... [mailto:hans@...]
Sent: October 9, 2003 12:53 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 and ALC?

Hello to everyACOMbody!

I am planning to buy the Acom 1000 HF+6 linear amplifier;
http://www.eham.net/reviews/detail/1694 looks very good and reliable.

On the site http://www.harvest.com/acom1000.htm I can't see any ALC-control.

Who has such a linear and knows more about it?

What happens if I - by accident - use 200 Watts input with my Mark V?

Thanks!

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

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1045. Re: [acom-list] ACOM 1000 and ALC?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-10 20:51:58 UTC
From: hans@remeeus.nl
Topic: 1042 Message: 1045

Hello Chris,

Many thanks for you interesting reply on my question. This makes me feel very confident about the ACOM 1000!

I am planning to set my Mark V on Class-A with reduced power. This will give very good results, without exceeding the power input too much.

Thanks again and all the best!

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

----- Original Message -----
From: "G3SJJ" <g3sjj@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, October 09, 2003 11:29 PM
Subject: RE: [acom-list] ACOM 1000 and ALC?

> Hans, I am using an Acom 1000 here. You are correct, there is no ALC. The
> amp will indicate if you are over-driving and will shut down if you exceed
> the input power excessively.
>
> My radio is an FT1kMP and when using the amp I set the power limit to 50W.
> This is good for SSB but not quite enough to obtain full output from the
amp
> on CW.
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> I have used the amp with a MK5 and then set the power limit to 75W. This
> works well for both CW and SSB.
>
> It is very quiet and reliable. An excellent product. Chris G3SJJ
>

1046. Re: [acom-list] ACOM 1000 and ALC?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-10 20:54:39 UTC
From: hans@remeeus.nl
Topic: 1042 Message: 1046

Hello Neil,

Thank you very much for this nice recommendation!

Actually I heard and read only very good and positive remarks on the Acom linears. This gives me a very good feeling about it!

Enjoy them and 73!

Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

----- Original Message -----
From: "Neil King" <neil.king@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, October 10, 2003 7:14 AM
Subject: RE: [acom-list] ACOM 1000 and ALC?

> Hans,
>
> I've had my Acom1000 since June and have used it in several contests and
> hauled it to Africa (3DA0) and back. It's performed flawlessly on 6M
through
> 160m. It's an excellent amp, which I wouldn't hesitate to recommend. Of
> course I'm biased, I also own an Acom2000A as well.
>
> Cheers,
> Neil
> VA7DX/7P8NK/3DA0WC
>

1047. HEATER VOLTAGE TOO LOW ....

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-11 20:03:13 UTC
From: IK0YVV
Topic: 1047 Message: 1047

Hi Guys,
This afternoon during the cw-eu sprint my acom2000 started to fail giving me this message : Heater Voltage too low : 9.83 V . Of course i tried several times to restart the unit but 90% of the times the failure happens again and when the countdown were able to finish after few second the unit failed again. This problem started to happen 5 days ago , but after a failure i had only to push it on and all went ok .This time the unit is out of work .I 've read something about bad connectors , have somebody has already had this kind of problem (HV too low : 9.8 v) , the main Voltage is ok so it's something wrong in the PA.Can anybody suggest me something ? Even if the unit is still in warranty i need it for the upcoming CQWW SSB and so i would like not to send it back to factory .
Thanks in advance .
73s de:
IK0YVV
Marco

[Non-text portions of this message have been removed]

1048. Re: [acom-list] HEATER VOLTAGE TOO LOW ....

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-11 22:12:14 UTC
From: Bruce Sawyer
Topic: 1047 Message: 1048

It sounds like you have one of the units with the "old" low voltage connectors. I went through the very same problem with my 2000A, and Acom explained to me that they had been experiencing widespread failures just as you described with their low voltage connectors. They did change vendors as soon as the problem became apparent, but of course a number of rigs were produced with the faulty connectors in the meantime. I don't have the complete list which connectors in the rig are part of the low voltage circuitry, but I'm certain that if you look very carefully throughout your rig you will find one which has discoloration on it. And when you do check, don't forget to look under the tube deck. I distinctly remember that one of the low voltage connectors is in there.

The solution that was given to me was simply to cut off the connectors and hard-wire the connections instead. I did, and it has worked fine ever since. But do be careful not to cross any wires when you do this. I did, and it was a bear finding my mistake!

Bruce, N6NT
----- Original Message -----
From: "IK0YVV" <ik0yvv@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, October 11, 2003 1:03 PM
Subject: [acom-list] HEATER VOLTAGE TOO LOW ....

> Hi Guys,
> This afternoon during the cw-eu sprint my acom2000 started to fail giving me this message : Heater Voltage too low : 9.83 V . Of course i tried several times to restart the unit but 90% of the times the failure happens again and when the countdown were able to finish after few second the unit failed again. This problem started to happen 5 days ago , but after a failure i had only to push it on and all went ok .This time the unit is out of work .I 've read something about bad connectors , have somebody has already had this kind of problem (HV too low : 9.8 v) , the main Voltage is ok so it's something wrong in the PA.Can anybody suggest me something ? Even if the unit is still in warranty i need it for the upcoming CQWW SSB and so i would like not to send it back to factory .
> Thanks in advance .
> 73s de:
> IK0YVV
> Marco
>
>
> [Non-text portions of this message have been removed]
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1049. Re: [acom-list] HEATER VOLTAGE TOO LOW ....

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-11 22:13:52 UTC
From: alsopb
Topic: 1047 Message: 1049

Marco,

It could be the connectors for filament voltage.

Open the unit and look at the PC board connectors on the lower PCB
located on the front right side. You may need a dental mirror to do
so. The failed connectors will be readily seen because of
discoloration. The jack is labeled J2. It is a four pin connector
next to a 12 pin connector. The board is called the low voltage
supply board.

You can make temporary repairs by soldering the wires to the bottom of
the PC board or directly to the pins. This operation requires moving
the small transformer out of the way.

Good luck.

73 de Brian/K3KO

IK0YVV wrote:
>
> Hi Guys,
> This afternoon during the cw-eu sprint my acom2000 started to fail giving me this message : Heater Voltage too low : 9.83 V . Of course i tried several times to restart the unit but 90% of the times the failure happens again and when the countdown were able to finish after few second the unit failed again. This problem started to happen 5 days ago , but after a failure i had only to push it on and all went ok .This time the unit is out of work .I 've read something about bad connectors , have somebody has already had this kind of problem (HV too low : 9.8 v) , the main Voltage is ok so it's something wrong in the PA.Can anybody suggest me something ? Even if the unit is still in warranty i need it for the upcoming CQWW SSB and so i would like not to send it back to factory .
> Thanks in advance .
> 73s de:
> IK0YVV
> Marco
>
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1050. Heater voltage too low ..... bad connector ... of course

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-12 11:48:28 UTC
From: IK0YVV
Topic: 1050 Message: 1050

Hi Guys,
Thanks to very fast suggestions by Bruce , N6NT , and Brian , K3KO, the problems has been found and fixed . The connector on the lower PCB were completly burnt (even if it seems to be the second series orange connectors) . I've soldered the wires directly to the pins , i've checked also the connectors under the tube deck but it seem ok even it belongs to the first serie (white colored) . I leave it as it was . Now all seems to rum ok .
The acom now seems to work right , i've tried some long TX period on RTTY to let the temp of the whole pa warmer , but nothing happens , so the problem should be fixed . My acom has 4871 hrs and some more then 100k qsos , as Brian just 2 faults in 3 and half years : i had to replace a bad tube last year and now this burnt connector . I think is not too much for a contest PA wich had used in his life every travel mode : flight , boat , train , car ... without living his operator .... I 'd like to thanks again Bruce and Brian for their very fast suggestions.
Catch you soon on the air.
73s and CIAO
IK0YVV
Marco

[Non-text portions of this message have been removed]

1051. Acom 1000/omni VI Pls

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-12 14:00:27 UTC
From: Jorge a Mejia
Topic: 1051 Message: 1051

When I use the omni VI Pls with the Acom 1000 trough the tx en tx out.
conection, I constantly get the Hot switching warning message on the amp screen. This happens on ssb , mostly when on vox mode, (slow mode) and occasionally when on ptt as well. Sometimes when I use the omni vi internal relay to key the amp it happens as well. My Acom works without any problems with Icom and yaesu radios though . Has anyone faced this situation

Jorge/HK4CZE

1052. Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-12 20:15:15 UTC
From: j.ignotas
Topic: 1052 Message: 1052

Dear Marco, IK0YVV,

I suggest you to throw out all three connectors and simply solder the wires.I obtained first ACOM2000A in Feb.1998, which is used by my son Andy ly2ta/ly7z.The connectors problem occured only before WPX 2002 CW.But the second, which I obtained in summer 1999 spoiled me two contests, as two connectors were burnt during different contests.Now there are no connectors in heating circuits of both amplifiers.
But: Prima di dire o di fare una cosa e bene pensare un po.
73 Jurgis LY2CY, also LY9Y

[Non-text portions of this message have been removed]

1053. Thanks for suggestion ...

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-12 17:27:12 UTC
From: IK0YVV
Topic: 1053 Message: 1053

Hi Jurgis,
Thanks for suggetion ,i've noticed that even the other connector may burnt in the future , i've already fixed the wires directly to the pins in this too . I've leaved the other connectors as they are since its seem me to be in good conditions , but i think next time i'll open the acom i'll follow you and fix all the wires directly to the pins in the heating circuits. Warmest regards to your son Andy , i've seen his photo in the hospital ..... i hope he'll be back soon in good shape.
Best 73s and catch u sn Jurgis !
IK0YVV
Marco
P.S. The ACOM failed yestrday during our 40m sprint qso ... you have been the very last qso for that connectors HI HI !

[Non-text portions of this message have been removed]

1054. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-13 03:06:31 UTC
From: n6ki@juno.com
Topic: 1052 Message: 1054

Si! Molto Bene! e vero!

73, Dennis Vernacchia
San Diego

On Sun, 12 Oct 2003 22:15:15 +0200 "j.ignotas" <ly2cy@...> writes:
> Dear Marco, IK0YVV,
>
> I suggest you to throw out all three connectors and simply solder
> the wires.I obtained first ACOM2000A in Feb.1998, which is used by
> my son Andy ly2ta/ly7z.The connectors problem occured only before
> WPX 2002 CW.But the second, which I obtained in summer 1999 spoiled
> me two contests, as two connectors were burnt during different
> contests.Now there are no connectors in heating circuits of both
> amplifiers.
> But: Prima di dire o di fare una cosa e bene pensare un po.
> 73 Jurgis LY2CY, also LY9Y
>
>
>
> [Non-text portions of this message have been removed]
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1055. 2000A dead - and solution

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-13 15:45:26 UTC
From: Bob Naumann - N5NJ
Topic: 1055 Message: 1055

My Acom 2000A has been to Antigua 3 times, and also is used at the AA5NT multi-2 station most of the time. I've used it at home, but my neighbors don't care to "know" when I'm on the air, so I am hardly ever on the air from home, certainly not running the Acom.

Anyway, I had the heater connector problem with it about a year ago, and sent it back to be repaired. After the repair, we used it at AA5NT in the ARRL SSB and it worked flawlessly.

Just prior to the IARU in July, I went to AA5NT to make sure that everything was working well, and I powered up the amplifier. Everything looked normal, as it went into the normal countdown. I went outside to connect the coaxes to the antennas (everything is disconnected when the station is not being used due to lightning) and when I returned, the control was emtting a constant tone, and the display was showing nothing that made any sense.

I turned it off, and tried to restart it, but it only emitted the constant tone, and nothing was on the display at all at this point.

I contacted Will at Acom, and he suggested that it would be a problem with the remote control and the connections at either end. I checked that and verified that I had continuity end to end. Still did not work.

I called Will again, and he then suggested taking the remote control apart, removing the socketed chips, and re-seating them. I did so, and re-assembled the remote, connected it to the amplifier, and now it works!!

Any of us who had TS-940's understands the "chips in sockets" problem.

Just wanted to pass this along, in case you see the same problem with your amplifier, and to share my happiness with not having to ship it again!

Thanks Will !!

73,
Bob N5NJ

[Non-text portions of this message have been removed]

1056. Acom Tools and XP

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-27 18:05:30 UTC
From: Barry
Topic: 1056 Message: 1056

Hi all,
I know I've brought this up before, but there have been many new members of the list in the last few months...

I'm having problems with Acom Tools on my XP computer. In the past, the pre-xmit band switching worked fine, though the software power meter didn't work. This past weekend, it didn't work at all. On my Win98 system, no problems at all.

Has anyone who initially had problems with XP figured out how to fix it?

Also, Gerry, W1VE, any update on your software?

Tnx,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1057. Re: [acom-list] Acom Tools and XP

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-28 14:57:36 UTC
From: Gerry Hull
Topic: 1056 Message: 1057

Hi Barry et al;

I use W2K and WinXP, using the current release of the SW, and
it works just fine -- this is not to say you do not have issues.

My Acom is @ K1IR at the moment, and I'll be there for SS CW, so
I wont be able to do anything about anything until after next weekend.
I believe the issues with XP are releated to the custom installer Michael had
developed for the Acom Tools version he developed.

Since my available time for ham radio software is very limited. I am working
with Michael's software, and adding support for some other radio programs
(right now, the TS2K control software).

After SSCW, I'm going to write a robust installer for Michael's stuff, which
should clear up the issues you are seeing.

73,

Gerry Hull, W1VE
Hull Computer Consulting
Custom Solutions for Broadcast Automation
POB C, Greenfield, NH 03047
Home Office/fax: 603-547-8327
email: windev@...

1058. RE: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-28 16:04:04 UTC
From: Barry
Topic: 1058 Message: 1058

Brian,
As a CW op, I find it useful, especially on the second radio. If I'm running on radio 1, and need to time jumping on a packet spot in between QSOs, I like to be ready to go, without having to send an extra dit. Also, it nice having the amp power display right on the screen in front of me, rather than having to glance off to the side.
73, Barry

On 28 Oct 2003 at 15:31, alsopb wrote:

> Barry,
>
> I'm curious just how useful this function is.
>
> I do mostly S&P for SSB contests and assisted in most CW contests.
>
> In the many thousands of calls to stations on different freqs, I could
> count on one hand the number of times the ACOM wasn't ready on the first
> dit. On CW it appears to be more an issue-- some characters are
> truncated. On SSB, the first utterance tunes the amp and hardly
> anything is lost.
>
> I can see a downside when tuning the bands. Having the ACOM
> constantly changing settings while one tunes the RX across segments
> seems like a possible annoyance.
>
> 73 de Brian/K3KO
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1059. RE: [acom-list] RE: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-28 16:47:18 UTC
From: Eric Scace K3NA
Topic: 1058 Message: 1059

Unfortunately, the current tool kit doesn't integrate with a SO2R station that has two amplifiers.

My experience is that it takes the better part of "Kilowatt Three North America" for the amp to make a band change, so only the
last few syllables actually make it on the air. However, we are truly gilding the lily here. While it would be nice for WL to be
able to instruct each amp to make the appropriate band change (and land in the right band segment) before the first transmission is
made... this probably isn't the main impediment to improving my contest score <grin>.

-- Eric K3NA

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: 2003 October 28 Tuesday 11:04
To: alsopb@...; acom-list@yahoogroups.com
Subject: [acom-list] RE: Acom Tools

Brian,
As a CW op, I find it useful, especially on the second radio. If I'm running on radio 1, and need to time jumping on a packet spot in between QSOs, I like to be ready to go, without having to send an extra dit. Also, it nice having the amp power display right on the screen in front of me, rather than having to glance off to the side.
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> dit. On CW it appears to be more an issue-- some characters are
> truncated. On SSB, the first utterance tunes the amp and hardly
> anything is lost.
>
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> constantly changing settings while one tunes the RX across segments
> seems like a possible annoyance.

>
> 73 de Brian/K3KO
--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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1060. 2000A - FT1000MP cw contesting

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-29 18:42:30 UTC
From: N1EU
Topic: 1060 Message: 1060

In the past I've noticed some issues when doing a lot of running in 48 hour cw contests with the 2000A vaccuum relay when keying the FT-1000MP in qsk mode.

I suspect these 2000A relay problems are due in part to issues with the relative timing of the MP's rf output and amp control signals, and perhaps these problems would go away if I used PTT instead of qsk.

I was curious if other 2000A - FT1000MP contesters who do a lot of cw running are keying via qsk or PTT?

Thanks & 73,
Barry N1EU

1061. Re: [acom-list] 2000A - FT1000MP cw contesting

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-29 18:48:47 UTC
From: alsopb
Topic: 1060 Message: 1061

via qsk using the inhibit function of mp. The key out line doesn't
let MP produce RFp unless amp is ready.

What kind of issues are you seeing?

The skematic is here somewhere on the site.

What I do wonder is what the lifetime of the relay is. Mine has
almost 5000 hours on it.

73 de Brian/K3KO

N1EU wrote:
>
> In the past I've noticed some issues when doing a lot of running in
> 48 hour cw contests with the 2000A vaccuum relay when keying the FT-
> 1000MP in qsk mode.
>
> I suspect these 2000A relay problems are due in part to issues with
> the relative timing of the MP's rf output and amp control signals,
> and perhaps these problems would go away if I used PTT instead of qsk.
>
> I was curious if other 2000A - FT1000MP contesters who do a lot of cw
> running are keying via qsk or PTT?
>
> Thanks & 73,
> Barry N1EU
>
>
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1062. Re: [acom-list] 2000A - FT1000MP cw contesting

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-29 19:57:47 UTC
From: Charles Fulp
Topic: 1060 Message: 1062

I gave up QSK years ago..too many cycles of the vacuum relays even if the
timing is perfect, for my comfort level.
No relay problems with the 2000A and FT1000MP mkV so far.

----- Original Message -----
From: "N1EU" <n1eu@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, October 29, 2003 18:42
Subject: [acom-list] 2000A - FT1000MP cw contesting

> In the past I've noticed some issues when doing a lot of running in
> 48 hour cw contests with the 2000A vaccuum relay when keying the FT-
> 1000MP in qsk mode.
>
> I suspect these 2000A relay problems are due in part to issues with
> the relative timing of the MP's rf output and amp control signals,
> and perhaps these problems would go away if I used PTT instead of qsk.
>
> I was curious if other 2000A - FT1000MP contesters who do a lot of cw
> running are keying via qsk or PTT?
>
> Thanks & 73,
> Barry N1EU
>
>
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1063. Re: [acom-list] 2000A - FT1000MP cw contesting

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-30 15:05:27 UTC
From: k2qmf@juno.com
Topic: 1060 Message: 1063

Hi Barry,

I am using an FT-1000MP and Acom 2000A and
always run full QSK on CW.
I am wondering just what "issues" are you having with
this setup?????

73, Ted K2QMF

On Wed, 29 Oct 2003 18:42:30 -0000 "N1EU" <n1eu@...> writes:
> In the past I've noticed some issues when doing a lot of running in
> 48 hour cw contests with the 2000A vaccuum relay when keying the
> FT-
> 1000MP in qsk mode.
>
> I suspect these 2000A relay problems are due in part to issues with
>
> the relative timing of the MP's rf output and amp control signals,
> and perhaps these problems would go away if I used PTT instead of
> qsk.
>
> I was curious if other 2000A - FT1000MP contesters who do a lot of
> cw
> running are keying via qsk or PTT?
>
> Thanks & 73,
> Barry N1EU
>
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1064. Re: 2000A - FT1000MP cw contesting

Yahoo group: acom-list (1999 — 2009)
Date: 2003-10-30 22:53:35 UTC
From: N1EU
Topic: 1060 Message: 1064

I was specifically wondering if anyone is doing 20+ hours of qsk running in a 48 hour cw contest - this seems to be the worst case scenario for causing timing issues with the 2000A vaccuum relay such as the warning message "relay open, should be closed", etc.

Again, the ONLY thing I was asking is whether any serious cw folks are exercising a 2000A - FT1000MP combo a la' running qsk cw 20+ hours during a 48 hour cw contest or perhaps they're using PTT in that scenario. Wondering if I should switch to PTT, and starting to think so . . .

73,
Barry N1EU

--- In acom-list@yahoogroups.com, k2qmf@j... wrote:
> Hi Barry,
>
> I am using an FT-1000MP and Acom 2000A and
> always run full QSK on CW.
> I am wondering just what "issues" are you having with
> this setup?????
>
> 73, Ted K2QMF
>
> On Wed, 29 Oct 2003 18:42:30 -0000 "N1EU" <n1eu@y...> writes:
> > In the past I've noticed some issues when doing a lot of running
in
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> > 1000MP in qsk mode.
> >
> > I suspect these 2000A relay problems are due in part to issues
with
> >
> > the relative timing of the MP's rf output and amp control
signals,
> > and perhaps these problems would go away if I used PTT instead of
> > qsk.
> >
> > I was curious if other 2000A - FT1000MP contesters who do a lot
of
> > cw
> > running are keying via qsk or PTT?
> >
> > Thanks & 73,
> > Barry N1EU

> >
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1065. ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2003-11-09 14:01:45 UTC
From: William F. Beyer Jr.
Topic: 1065 Message: 1065

Hello List:

Anyone on the wait list for a unit?
--

William/N2WB

1068. Interfacing TS950SDX and 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2003-11-25 13:31:17 UTC
From: N1EU
Topic: 1068 Message: 1068

I'd appreciate it if someone would post the wiring scheme to run a TS950SDX in qsk with the 2000A. Also if you happen to know, would the wiring be the same for the TS930?

Thanks & 73,
Barry N1EU

1069. RE: [acom-list] Interfacing TS950SDX and 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2003-11-25 13:40:17 UTC
From: N2TK
Topic: 1068 Message: 1069

I use pin 7 on the remote jack to turn on a power mosfet. Use a 10k resistor in series with keying line and gate. Use a 100k resistor from the gate to ground. The moset keys the 2000a. Been using the same setup with 930, 940 and other amps such as Alpha 87.
N2tK, Tony

-----Original Message-----
From: N1EU [mailto:n1eu@...]
Sent: Tuesday, November 25, 2003 08:31
To: acom-list@yahoogroups.com
Subject: [acom-list] Interfacing TS950SDX and 2000A

I'd appreciate it if someone would post the wiring scheme to run a TS950SDX in qsk with the 2000A. Also if you happen to know, would the wiring be the same for the TS930?

Thanks & 73,
Barry N1EU

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1073. 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-01 18:12:16 UTC
From: putt_1
Topic: 1073 Message: 1073

Folks,

I had a few problems with my 2000a this weekend, nothing spectacular but still a pain.

Tune and load went as expected on all bands but 20m.

As an example, if I was on 10m and QSY'd to 20m, I would switch antennas and tap the keyer for the amp to tune. On almost all occasion's, the amp would fault out and give me a LOW GAIN message then drop to Stand-Bye. Sometimes, the amp would cycle to OFF. There were two other messages that I saw over the course of the weekend but I saw them only one time a-piece. One was BAND SWITCH MALFUNCTION and the amp shut-off right away. The other was something about QSK KEYING MALFUNCTION and the amp shut-off. I was not using QSK.

What puzzled me further is that if the amp went to the stand-bye mode, I could get no output through the amp (pass through),, not even the 20 watts drive from the MV.

To recover, I would just move to another band, let the amp tune there and go back to 20m. Most of the time I could then get the amp to tune on 20m, if not, I did the main power off method (not on the control head).

Anyone see anything similar to this on their 2000a?

Thanks

Greg
K9IG

1074. Re: [acom-list] 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-01 19:27:51 UTC
From: Bruce Sawyer
Topic: 1073 Message: 1074

>
> I had a few problems with my 2000a this weekend, nothing spectacular
> but still a pain.
>
> Tune and load went as expected on all bands but 20m.
>
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> antennas and tap the keyer for the amp to tune. On almost all
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> then drop to Stand-Bye. Sometimes, the amp would cycle to OFF.
> There were two other messages that I saw over the course of the
> weekend but I saw them only one time a-piece. One was BAND SWITCH
> MALFUNCTION and the amp shut-off right away. The other was something
> about QSK KEYING MALFUNCTION and the amp shut-off. I was not using
> QSK.

Without knowing more, I would say this is normal behavior! I had the same things happen to me during CQWW this past weekend, and in every case I could recognize the cause as something I did that would likely have done serious damage to the amp if it were not for the protection circuitry.

The most common place I see this stuff happen is when I go to 80m from one of the higher bands, and GM3POI has reported exactly the same thing with his 2000A. With a drive level near the limit for both the high band and for 80m, the amp will invariably fault if I don't first reduce the drive level a bit. At least in my setup, it takes the stepper motors a much longer time to tune when going to 80m than is the case with the other bands, and I think it is this protracted delay that causes the problem. If you just get in the habit of cutting back before going to 80 this will almost never happen, but you do then have to take a second to adjust the drive correctly once you do get to 80.

The other area where I shot myself in the foot a few times was in manual antenna switching. I use the Acom automatic antenna switch and it works flawlessly, but there are some bands where I have multiple antennas. There were a few cases where I was a little too quick in moving around among different antennas for the same band while the computer was still sending a message. The good news is that I was always able to get the amp working normally again after doing this--and if you think about it, that's very good news indeed. It says lots of good things about the protection circuitry.

I have seen all the messages K9IG mentioned, but don't pay a whole lot of attention to them unless the message is consistently reproducible. After all, the poor amp doesn't know that some lid reached up and hot-switched the antennas while it was performing its job flawlessly. It only knows what it saw on the output line, and there are so many variables involved here that

the protection logic could easily have come to the wrong conclusion about what happened to it.

There are some weird states the amp can enter that are a little terrifying when you first encounter them. Twice this weekend I got to a point where everything looked perfectly normal on the RCU, but the amp was providing no gain at all. This was always immediately following one of the funny faults. I just shut the amp down and brought it back up again, and then everything was normal.

Bruce, ZF2NT

1075. Fw: [acom-list] 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-02 00:07:20 UTC
From: Paul Christensen, Esq.
Topic: 1075 Message: 1075

I haven't owned an ACOM 2000A for several years, but was recently considering another purchase. What has ACOM done to address the filament powering and
connection problem? In reviewing previous posts, it appears that new connectors were used at some point in production. Is this still a pervasive problem with the 2000A?

-Paul, W9AC

1076. RE: [acom-list] 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-02 00:25:45 UTC
From: N2TK
Topic: 1075 Message: 1076

Hi Paul. Seems like it was the original run of 2000a□s that had the filament connector problem. Haven□t heard of any issues since.
N2TK, Tony

-----Original Message-----
From: Paul Christensen, Esq. [mailto:w9ac@...]
Sent: Monday, December 01, 2003 19:07
To: acom-list@yahoogroups.com
Subject: Fw: [acom-list] 2000a faults

I haven't owned an ACOM 2000A for several years, but was recently considering another purchase. What has ACOM done to address the filament powering and
connection problem? In reviewing previous posts, it appears that new connectors were used at some point in production. Is this still a pervasive problem with the 2000A?

-Paul, W9AC

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web/S=1705063108:HM/EXP=1070410059/A=1853619/R=0/*http://www.netflix.com/Def
ault?mqso=60178356&partid=4116732>

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[Non-text portions of this message have been removed]

1077. RE: Fw: [acom-list] 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-02 20:18:38 UTC
From: Howard Klein
Topic: 1075 Message: 1077

Paul,
I had an early Acom 2000A and had the filament problem. It was repaired (connectors replaced) promptly. I have not had another problem since. In my opinion still the best available.
Howard..K2HK

----Original Message Follows----
From: "Paul Christensen, Esq."
Reply-To: acom-list@yahoogroups.com
To:
Subject: Fw: [acom-list] 2000a faults
Date: Mon, 1 Dec 2003 19:07:20 -0500
I haven't owned an ACOM 2000A for several years, but was recently considering another purchase. What has ACOM done to address the filament powering and
connection problem? In reviewing previous posts, it appears that new connectors were used at some point in production. Is this still a pervasive problem with the 2000A?
-Paul, W9AC

_____
Say ?goodbye? to busy signals and slow downloads with a high-speed Internet connection! Prices start at less than $1 a day average.
https://broadband.msn.com (Prices may vary by service area.)

1078. Re: Fw: [acom-list] 2000a faults

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-06 12:59:16 UTC
From: jx7dfa
Topic: 1075 Message: 1078

The new filament connectors has been used since sometime in Y2K, and
that solved the filament current problem for the 2000A.

I have just had one problem with my amp. My QSK relay was broken. I
found a new (surplus) on the web for 32USD.

73 de Per, LA7DFA

--- In acom-list@yahoogroups.com, "Howard Klein" <howk2@h...> wrote:
> Paul,
> I had an early Acom 2000A and had the filament problem. It was
repaired
> (connectors replaced) promptly. I have not had another problem
since. In my
> opinion still the best available.
> Howard..K2HK
>
>
> ----Original Message Follows----
> From: "Paul Christensen, Esq."
> Reply-To: acom-list@yahoogroups.com
> To:
> Subject: Fw: [acom-list] 2000a faults
> Date: Mon, 1 Dec 2003 19:07:20 -0500
> I haven't owned an ACOM 2000A for several years, but was recently
> considering another purchase. What has ACOM done to address the
filament
> powering and
> connection problem? In reviewing previous posts, it appears that
new
> connectors were used at some point in production. Is this still a
pervasive
> problem with the 2000A?
> -Paul, W9AC
>
> _____
> Say "goodbye" to busy signals and slow downloads with a high-speed
Internet
> connection! Prices start at less than $1 a day average.
> https://broadband.msn.com (Prices may vary by service area.)

1079. Screws?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-13 14:11:18 UTC
From: Gerry Hull
Topic: 1079 Message: 1079

Hello Everyone.

My cover on the Acom 2000 has been on and off many, many times. I have lost a ton of screws.
Does anyone know the size? Where to get some in the US? At this point I don't care if they are black or not.

73,

Gerry Hull, W1VE/VE1RM
Greenfield, NH
gerry@... http://www.w1ve.com
<mailto:gerry@...> gerry@... http://www.ve1rm.ca
Ham Radio Software: http://www.hamsoftware.net

[Non-text portions of this message have been removed]

1080. Re: [acom-list] Screws?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-13 14:25:11 UTC
From: Bob Naumann - N5NJ
Topic: 1079 Message: 1080

Gerry,
?
They are metric (naturally) and as you may have noticed, the heads on them are very soft.
?
I got some from Acom a while ago, but I think you should be able to take one with you and match it at any good hardware store, or perhaps Home Depot or Lowe's.
?
Also, when installing them, be careful not to put too much downward pressure on them, or the chassis insert nut will pop out, and you cannot get them back in properly.
?
73,
Bob N5NJ
?
------------Original Message------------
From: "Gerry Hull" <windev@...>
To: <acom-list@yahoogroups.com>
Date: Sat, Dec-13-2003 8:11 AM
Subject: [acom-list] Screws?
Subject: [acom-list] Screws?
Hello Everyone.??My cover on the Acom 2000 has been on and off many, many times.?? I have?lost a ton of screws. ?Does anyone know the size?? Where to get some in the US??? At this point I?don't care if they are black or not.??73,??Gerry Hull, W1VE/VE1RM?Greenfield, NH?gerry@...?? http://www.w1ve.com?<mailto:gerry@...> gerry@...?????
http://www.ve1rm.ca?Ham Radio Software: http://www.hamsoftware.net?????[Non-text portions of this message have been removed]???
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[Non-text portions of this message have been removed]

1081. Re: [acom-list] Screws?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-13 14:47:03 UTC
From: Dave Hawes
Topic: 1079 Message: 1081

On 13 Dec 2003 at 8:25, Bob Naumann - N5NJ wrote:

> Also, when installing them, be careful not to put too much downward
> pressure on them, or the chassis insert nut will pop out, and you cannot
> get them back in properly.

Good advice, Bob.

One of the chassis inserts on one of our Acom 2000s has popped,
and now the screw just turns and turns. Does anybody have any
ideas on how to get that screw out? For now, we a hoping that there
are no reasons to lift the lid on the amp, since we can't!

Dave - N3RD

1082. FWD: Re: [acom-list] Screws?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-13 15:20:01 UTC
From: Jim Idelson
Topic: 1082 Message: 1082

Dave,

It's not a heavy-duty screw. If there's any room under the head, you might be able to get a pair of cutters under and cut the head off. Put paper under the tool to protect the cover finish. Or use the cutters to pull the PEM nut up and hope you can create enough friction to keep the nut from turning and be able to unscrew the screw.

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "Dave Hawes" <dave.n3rd@...>
TO: "Bob Naumann - N5NJ" <n5nj@...>,
acom-list@yahoogroups.com
DATE: Sat, 13 Dec 2003 09:47:03 -0500

RE: Re: [acom-list] Screws?

On 13 Dec 2003 at 8:25, Bob Naumann - N5NJ wrote:

> Also, when installing them, be careful not to put too much downward
> pressure on them, or the chassis insert nut will pop out, and you cannot
> get them back in properly.

Good advice, Bob.

One of the chassis inserts on one of our Acom 2000s has popped,
and now the screw just turns and turns. Does anybody have any
ideas on how to get that screw out? For now, we a hoping that there
are no reasons to lift the lid on the amp, since we can't!

Dave - N3RD

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1083. Re: FWD: Re: [acom-list] Screws?

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-14 04:13:42 UTC
From: n6ki@juno.com
Topic: 1082 Message: 1083

I used something like WELBOND which is a 2 part epoxy that bonds to
almost anything to hold the PEM nut back in the chassis

I used a tothpick to carefully lay a bead where the PEM nut met the
chassis

73 Dennis N6KI

On Sat, 13 Dec 2003 10:20:01 -0500 Jim Idelson <k1ir@...>
writes:
> Dave,
>
> It's not a heavy-duty screw. If there's any room under the head, you
> might be
> able to get a pair of cutters under and cut the head off. Put paper
> under the
> tool to protect the cover finish. Or use the cutters to pull the PEM
> nut up and
> hope you can create enough friction to keep the nut from turning and
> be able to
> unscrew the screw.
>
>
> Jim Idelson K1IR
> email k1ir at designet.com
> web http://www.designet.com/k1ir
>
> ---------- Forwarded Message ----------
>
> FROM: "Dave Hawes" <dave.n3rd@...>
> TO: "Bob Naumann - N5NJ" <n5nj@...>,
> acom-list@yahoogroups.com
> DATE: Sat, 13 Dec 2003 09:47:03 -0500
>
> RE: Re: [acom-list] Screws?
>
> On 13 Dec 2003 at 8:25, Bob Naumann - N5NJ wrote:
>
> > > Also, when installing them, be careful not to put too much
> downward
> > > pressure on them, or the chassis insert nut will pop out, and you
> cannot
> > > get them back in properly.
>
> Good advice, Bob.
>

> One of the chassis inserts on one of our Acom 2000s has popped,
> and now the screw just turns and turns. Does anybody have any
> ideas on how to get that screw out? For now, we a hoping that there
>
> are no reasons to lift the lid on the amp, since we can't!
>
> Dave - N3RD
>
>
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1084. pwr-measurement Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-16 22:24:26 UTC
From: pluijgers@zeelandnet.nl
Topic: 1084 Message: 1084

Hello,

Is de RF-power measurement of the Acom 1000 accurate ?
When i use an Acom 1000 , an antennatuner is not required for an antenna with a SWR below 1:3.I want to use the antennatuner Palstar AT1500CV between antenna and the Acom 1000. Is that possible ?
To connect the PTT of an Acom 1000 with the PTT of the Icom 756PRO2 is possible to connect it straight without relay ? Is that straight connection also poosible to an Yeasu FT1000D ?
My plan is to buy an Acom 1000 in the very near future so any suggestions ?

Thanks in advance,

73 , Hans , PA3HGT

1085. Re: [acom-list] pwr-measurement Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-16 22:32:35 UTC
From: Bob Naumann - N5NJ
Topic: 1084 Message: 1085

Hans,

The Acom 1000 puts out a maximum of about 1250 watts. I think the tuner you are planning on using is capable of 1500 watts so it should not be a problem.

Also, you should be able to switch the amplifier with either the 756 ProII or the FT1000D.

I am using an "AmpKeyer" with my 756 ProII just for some added protection.
http://www.theheathkitshop.com/ampkeyer.html

73,
Bob N5NJ

==========

From: pluijgers@...
Date: 2003/12/16 Tue PM 04:24:26 CST
To: acom-list@yahoogroups.com
Subject: [acom-list] pwr-measurement Acom 1000

==========

[Non-text portions of this message have been removed]

1086. Re: [acom-list] Digest Number 317

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-17 17:30:56 UTC
From: Phil Catterall G4OBK
Topic: 1086 Message: 1086

>>>snipped

Hans,

The Acom 1000 puts out a maximum of about 1250 watts. I think the tuner you
are planning on using is capable of 1500 watts so it should not be a
problem.

Also, you should be able to switch the amplifier with either the 756 ProII
or the FT1000D.

I am using an "AmpKeyer" with my 756 ProII just for some added protection.
http://www.theheathkitshop.com/ampkeyer.html

73,
Bob N5NJ
>>>snip
Hi Bob and Hans,
Phil here G4OBK,

I think the mains must be high in Texas! Here in Yorkshire England I can
barely get 900w on some bands and just about 1 KW on some others. (Into a
dummy load of course as we are restricted here to 400w). The LCD meter on
the Acom is a bit like my car speedo - a little optimistic though as that
may say 1200w when it really means about 950.

The 1000 is the best Kilowatt amp around Hans, I thoroughly recommend it. I
was lucky to pick up this one secondhand last year locally at a good price,
it's my only HF amp and it's great on 6m also!

73 Phil

Phil Catterall (G4OBK)

Ham Radio Website: http://www.qsl.net/g4obk
e-mail: g4obk@...

----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, December 17, 2003 2:46 AM
Subject: [acom-list] Digest Number 317

> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. pwr-measurement Acom 1000

> From: pluijgers@...
> 2. Re: pwr-measurement Acom 1000
> From: Bob Naumann - N5NJ <n5nj@...>
>
>
> --
> --
>
> Message: 1
> Date: Tue, 16 Dec 2003 22:24:26 -0000
> From: pluijgers@...
> Subject: pwr-measurement Acom 1000
>
> Hello,
>
> Is de RF-power measurement of the Acom 1000 accurate ?
> When i use an Acom 1000 , an antennatuner is not required for an
> antenna with a SWR below 1:3.I want to use the antennatuner Palstar
> AT1500CV between antenna and the Acom 1000. Is that possible ?
> To connect the PTT of an Acom 1000 with the PTT of the Icom 756PRO2
> is possible to connect it straight without relay ? Is that straight
> connection also poosible to an Yeasu FT1000D ?
> My plan is to buy an Acom 1000 in the very near future so any
> suggestions ?
>
> Thanks in advance,
>
> 73 , Hans , PA3HGT
>
>
>
>
> --
> --
>
> Message: 2
> Date: Tue, 16 Dec 2003 16:32:35 -0600
> From: Bob Naumann - N5NJ <n5nj@...>
> Subject: Re: pwr-measurement Acom 1000
>
> Hans,
>
> The Acom 1000 puts out a maximum of about 1250 watts. I think the tuner
you are planning on using is capable of 1500 watts so it should not be a
problem.
>
> Also, you should be able to switch the amplifier with either the 756 ProII
or the FT1000D.
>
> I am using an "AmpKeyer" with my 756 ProII just for some added protection.

http://www.theheathkitshop.com/ampkeyer.html
>
> 73,
> Bob N5NJ
> ==
> From: pluijgers@...
> Date: 2003/12/16 Tue PM 04:24:26 CST
> To: acom-list@yahoogroups.com
> Subject: [acom-list] pwr-measurement Acom 1000
>
> ==
>
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>
> [Non-text portions of this message have been removed]
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Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.552 / Virus Database: 344 - Release Date: 15/12/2003

1087. 2000A TECHNICAL SUPPLEMENT

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-21 14:14:39 UTC
From: Lutz
Topic: 1087 Message: 1087

If someone has the ''Technical Supplement'' as a PDF-File would
be nice to forward it to me.
Thanks !
Lutz, W4/DH7LK

lutz.kahlbau@...

1088. Re: [acom-list] 2000A TECHNICAL SUPPLEMENT

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-21 14:39:31 UTC
From: K4HW
Topic: 1087 Message: 1088

I have the PDF of the operators manual and schematics. I would also be interested in the "Technical Supplement".

Thanks

Hal -K4HW

----- Original Message -----
From: Lutz
To: acom-list@yahoogroups.com
Sent: Sunday, December 21, 2003 9:14 AM
Subject: [acom-list] 2000A TECHNICAL SUPPLEMENT

If someone has the ''Technical Supplement'' as a PDF-File would
be nice to forward it to me.
Thanks !
Lutz, W4/DH7LK

lutz.kahlbau@...

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[Non-text portions of this message have been removed]

1089. RE: [acom-list] 2000A TECHNICAL SUPPLEMENT

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-21 15:20:46 UTC
From: N2TK
Topic: 1087 Message: 1089

What is the technical supplement?
What I have is a CD with the file ACOM2000ACD.zip ☐ 31.7M.There are several directories on this CD.
N2TK, Tony

-----Original Message-----
From: Lutz [mailto:dh7lk@...]
Sent: Sunday, December 21, 2003 09:15
To: acom-list@yahoogroups.com
Subject: [acom-list] 2000A TECHNICAL SUPPLEMENT

If someone has the ''Technical Supplement'' as a PDF-File would
be nice to forward it to me.
Thanks !
Lutz, W4/DH7LK

lutz.kahlbau@...

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[Non-text portions of this message have been removed]

1090. Re: Acom Tools and XP

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-22 01:31:28 UTC
From: N1EU
Topic: 1056 Message: 1090

I was wondering if there was any progress on getting Acom Tools working under WinXP? I know that a few folks report that it works on their WinXP pc, but it doesn't for many/most of us.

If Acom unfortunately isn't financially supporting the software development, I'm sure there are plenty of us who would be happy to pay a modest fee for it.

73 & Happy Holidays,
Barry N1EU

--- In acom-list@yahoogroups.com, Gerry Hull <windev@i...> wrote:
>
> After SSCW, I'm going to write a robust installer for Michael's stuff, which
> should clear up the issues you are seeing.
>
> 73,
>
> Gerry Hull, W1VE

1091. Re: [acom-list] Re: Acom Tools and XP

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-22 01:42:56 UTC
From: n6ki@juno.com
Topic: 1056 Message: 1091

Hi Barry,

What is one supposed to do withthe ACOM Tools Vaporware?

73, Dennis N6KI

On Mon, 22 Dec 2003 01:31:28 -0000 "N1EU" <n1eu@...> writes:
> I was wondering if there was any progress on getting Acom Tools
> working under WinXP? I know that a few folks report that it works
> on
> their WinXP pc, but it doesn't for many/most of us.
>
> If Acom unfortunately isn't financially supporting the software
> development, I'm sure there are plenty of us who would be happy to
> pay a modest fee for it.
>
> 73 & Happy Holidays,
> Barry N1EU
>
> --- In acom-list@yahoogroups.com, Gerry Hull <windev@i...> wrote:
> >
> > After SSCW, I'm going to write a robust installer for Michael's
> stuff, which
> > should clear up the issues you are seeing.
> >
> > 73,
> >
> > Gerry Hull, W1VE
>
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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1092. Re: Acom Tools and XP

Yahoo group: acom-list (1999 — 2009)
Date: 2003-12-22 03:00:52 UTC
From: N1EU
Topic: 1056 Message: 1092

Hi Dennis,

I just uploaded the Acom Tools Help file to the Files section at http://groups.yahoo.com/group/acom-list/files/ so you can take a look. It allows the pc to control the 2000A (instead of the RCU) and provides a software link to Writelog so that the amp tuning will follow the radio automatically as well as antenna selection if you use the Acom 2000SW.

73 & see you in Stew Perry,
Barry N1EU

--- In acom-list@yahoogroups.com, n6ki@j... wrote:
> Hi Barry,
>
> What is one supposed to do withthe ACOM Tools Vaporware?
>
> 73, Dennis N6KI
>

1093. Acom & FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-12 11:36:57 UTC
From: Hans , PA3HGT
Topic: 1093 Message: 1093

Hello,

I want to use the Acom 1000 with the Yaesu FT1000D.Can i connect the
Acom 1000 (key-in jack) with the FT1000D (TX-ground)without risks ?
The relay ,to key the Acom 1000, that is used in the FT1000D is
suitable for 500 mA/125 VAC,300 mA/220 VDC or 2 A/30 VDC.

73,Hans,PA3HGT

1094. RE: [acom-list] Acom & FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-12 15:38:13 UTC
From: Neil King
Topic: 1093 Message: 1094

Hans,

I connect my FT1000MP as described to both my Acom1000 and Acom2000 without any problems. I've connected the Acom1000 to a variety of other newer rigs as well such as an FT897 and IC756ProII - again no problem.

Neil
VA7DX/7P8NK/3DA0WC

-----Original Message-----
From: Hans , PA3HGT [mailto:pluijgers@...]
Sent: January 12, 2004 3:37 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom & FT1000D

Hello,

I want to use the Acom 1000 with the Yaesu FT1000D.Can i connect the Acom 1000 (key-in jack) with the FT1000D (TX-ground)without risks ? The relay ,to key the Acom 1000, that is used in the FT1000D is suitable for 500 mA/125 VAC,300 mA/220 VDC or 2 A/30 VDC.

73,Hans,PA3HGT

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1095. Re: Acom & FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-12 18:22:15 UTC
From: jx7dfa
Topic: 1093 Message: 1095

Hans,PA3HGT check this one:
http://www.albany.net/~bg/Yaesu/MPAcom.htm

Per, LA7DFA

1096. Re: [acom-list] Re: Acom & FT1000D

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-12 18:34:01 UTC
From: Barry N1EU
Topic: 1093 Message: 1096

--- jx7dfa <la7dfa@...> wrote:
> Hans,PA3HGT check this one:
> http://www.albany.net/~bg/Yaesu/MPAcom.htm
>

Yes, this works well with the entire FT-1000X line of
xcvrs.

Please update the link to
http://www.qsl.net/n1eu/Yaesu/MPAcom.htm

73,
Barry N1EU

_____
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http://hotjobs.sweepstakes.yahoo.com/signingbonus

1097. thanks

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-16 05:37:17 UTC
From: Hans , PA3HGT
Topic: 1097 Message: 1097

Hello Neil,Per & Barry,

Thanks for suggestions !
It works.

73,Hans,PA3HGT

1098. Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 12:45:56 UTC
From: Charles Fulp
Topic: 1098 Message: 1098

The QSK relay? in my ACOM 2000 apparently produces an error message.. relay
is closed when should be open.. on the
control box. The relays click and I can transmit fine, but when I open the
control line to receive, I get the error message. It sounds
like the relays go back to normal, and I can receive through the ACOM2000.
I can leave the amp off and transmit through it OK.
As soon as I transmit with the amp and go back to receive I get the error
message and have to push the OPR/STB button to transmit again.
This happens everytime even if no power is sent thru the amp..just cycling
the amp control input.

Is this a recognized failure mode?

73 Chas K3WW

1099. Re: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 13:03:53 UTC
From: Barry N1EU
Topic: 1098 Message: 1099

Chas, I think it may indicate a failed vaccuum relay.
You might email Stan at Acom for the proper
troubleshooting steps to verify the problem.

GL & 73,
Barry N1EU

--- Charles Fulp <k3ww@...> wrote:
> The QSK relay? in my ACOM 2000 apparently produces
> an error message.. relay
> is closed when should be open.. on the
> control box. The relays click and I can transmit
> fine, but when I open the
> control line to receive, I get the error message.
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> like the relays go back to normal, and I can receive
> through the ACOM2000.
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> message and have to push the OPR/STB button to
> transmit again.
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> the amp..just cycling
> the amp control input.
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> Is this a recognized failure mode?
>
> 73 Chas K3WW
>
>

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1100. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 13:13:23 UTC
From: jx7dfa
Topic: 1098 Message: 1100

I suggest you contact Acom for help.

It sounds to me like your relay contacts might me worn out, but not absolutely sure.

I have the schematic for the relay control plus some text info here if you need it. (e-mail la7dfa@...)

I have just replaced my QSK relay. Found new surplus ones for 32USD on the web.
Have been 'hotswitching' the relay for some years and it finally gave up.

Yesterday I made a mod on my FT-1000mp. I have mounted two phono/RCA connectors on the back of the radio (I hate 'DIN's'), and now use a pair of phono leads straight from the amp to the radio. It includes TX-gnd (without FT-1000mp relay delay time) and TX-inhibit to prevent 'hot-switching' of the QSK relay.

--- In acom-list@yahoogroups.com, "Charles Fulp" <k3ww@f...> wrote:
> The QSK relay? in my ACOM 2000 apparently produces an error message.. relay
> is closed when should be open.. on the
> control box. The relays click and I can transmit fine, but when I open the
> control line to receive, I get the error message. It sounds
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> This happens everytime even if no power is sent thru the amp..just cycling
> the amp control input.
>
> Is this a recognized failure mode?
>
> 73 Chas K3WW

1101. Re: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 13:16:30 UTC
From: Dave Hawes
Topic: 1098 Message: 1101

Chas,

The Kilovac HC-1 at N3RS failed early, and we simply replaced it with
a new Jennings RJ1A. The relay is accessible, and the changeout
took an hour.

Dave

On 24 Jan 2004 at 5:03, Barry N1EU wrote:

> Chas, I think it may indicate a failed vaccuum relay.
> You might email Stan at Acom for the proper
> troubleshooting steps to verify the problem.
>
> GL & 73,
> Barry N1EU
>
> --- Charles Fulp <k3ww@...> wrote:
> > The QSK relay? in my ACOM 2000 apparently produces
> > an error message.. relay
> > is closed when should be open.. on the
> > control box. The relays click and I can transmit
> > fine, but when I open the
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> > 73 Chas K3WW
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>

1102. re: [acom-list] Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 14:10:02 UTC
From: Jim Idelson
Topic: 1098 Message: 1102

I would be very interested in the details of your modification. The DIN connectors are very difficult to work with.

73,

Jim K1IR

> I suggest you contact Acom for help.

It sounds to me like your relay contacts might me worn out, but not absolutely sure.

I have the schematic for the relay control plus some text info here if you need it. (e-mail la7dfa@...)

I have just replaced my QSK relay. Found new surplus ones for 32USD on the web.
Have been 'hotswitching' the relay for some years and it finally gave up.

Yesterday I made a mod on my FT-1000mp. I have mounted two phono/RCA connectors on the back of the radio (I hate 'DIN's'), and now use a pair of phono leads straight from the amp to the radio. It includes TX-gnd (without FT-1000mp relay delay time) and TX-inhibit to prevent 'hot-switching' of the QSK relay.

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> message and have to push the OPR/STB button to transmit again.
> This happens everytime even if no power is sent thru the amp..just cycling
> the amp control input.
>
> Is this a recognized failure mode?
>
> 73 Chas K3WW

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<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

1103. Re: [acom-list] Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 15:09:50 UTC
From: alsopb
Topic: 1098 Message: 1103

Jim

You are right.

DIN connectors are pure crap. We deserve better.

They can be worked with by clamping the pin plastic in a vice and using binocular maginfiers. After that, I wrap tape around outside of the pin circle to prevent shorting to the metal case. A piece of spaghetti tubing on shield wires helps too.

The plastic has a nasty habit of melting when you heat the pin too much. It is possible to push the pins out of alignment because of this.

If you think standard DIN connectors are bad, try working on the 9 pin mini-dins that are showing up on radios now. The 13 pin full sized DIN's come in second place for worst.

To compound things, the numbering scheme for these connectors is often not obvious and doesn't always follow the usual rules or even common sense. If you are lucky enough to have a connector with pin numbers on it, they are usually only readable with a strong light and magnifier!

We need to form a lynch party to reward the inventor.

73 de Brian/K3KO

Jim Idelson wrote:
>
> I would be very interested in the details of your modification. The DIN
> connectors are very difficult to work with.
>
> 73,
>
> Jim K1IR
>
> > I suggest you contact Acom for help.
>
> It sounds to me like your relay contacts might me worn out, but not
> absolutely sure.
>
> I have the schematic for the relay control plus some text info here
> if you need it. (e-mail la7dfa@...)
>
> I have just replaced my QSK relay. Found new surplus ones for 32USD

> on the web.
> Have been 'hotswitching' the relay for some years and it finally gave
> up.
>
> Yesterday I made a mod on my FT-1000mp. I have mounted two phono/RCA
> connectors on the back of the radio (I hate 'DIN's'), and now use a
> pair of phono leads straight from the amp to the radio. It includes
> TX-gnd (without FT-1000mp relay delay time) and TX-inhibit to
> prevent 'hot-switching' of the QSK relay.
>
> --- In acom-list@yahoogroups.com, "Charles Fulp" <k3ww@f...> wrote:
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> message.. relay
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> > control line to receive, I get the error message. It sounds
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> > message and have to push the OPR/STB button to transmit again.
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> cycling
> > the amp control input.
> >
> > Is this a recognized failure mode?
> >
> > 73 Chas K3WW
>
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1104. Re: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 15:46:07 UTC
From: Charles Fulp
Topic: 1098 Message: 1104

Humm ...does Acom provide the relays? are RJ1A easy to find.. ?
Would like to get moving on the repair.. Assumed I could replace a relay at least.. and had heard of failures, the mode didnt
sound familiar..as it appears to work..just not fast enough or something.

----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, January 24, 2004 13:16
Subject: Re: [acom-list] Relay problem

> Chas,
>
> The Kilovac HC-1 at N3RS failed early, and we simply replaced it with
> a new Jennings RJ1A. The relay is accessible, and the changeout
> took an hour.
>
> Dave
>
> On 24 Jan 2004 at 5:03, Barry N1EU wrote:
>
> > Chas, I think it may indicate a failed vaccuum relay.
> > You might email Stan at Acom for the proper
> > troubleshooting steps to verify the problem.
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> > GL & 73,
> > Barry N1EU
> >
> > --- Charles Fulp <k3ww@...> wrote:
> > > The QSK relay? in my ACOM 2000 apparently produces
> > > an error message.. relay
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> > > the amp control input.
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> > > Is this a recognized failure mode?
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> > > 73 Chas K3WW
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>

1105. FWD: Re: [acom-list] Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 16:45:20 UTC
From: Jim Idelson
Topic: 1105 Message: 1105

I tried to do some mini-DIN connectors for my FT-847, and I gave up.

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: alsopb <alsopb@...>
TO: acom-list@yahoogroups.com
DATE: Sat, 24 Jan 2004 15:09:50 +0000

RE: Re: [acom-list] Re: Relay problem

Jim

You are right.

DIN connectors are pure crap. We deserve better.

They can be worked with by clamping the pin plastic in a vice and
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The plastic has a nasty habit of melting when you heat the pin too
much. It is possible to push the pins out of alignment because of
this.

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mini-dins that are showing up on radios now. The 13 pin full sized
DIN's come in second place for worst.

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not obvious and doesn't always follow the usual rules or even common
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We need to form a lynch party to reward the inventor.

73 de Brian/K3KO

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>

> 73,
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> Jim K1IR
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> > I suggest you contact Acom for help.
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> It sounds to me like your relay contacts might me worn out, but not
> absolutely sure.
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> I have the schematic for the relay control plus some text info here
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> > Is this a recognized failure mode?
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> > 73 Chas K3WW
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1106. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 17:27:05 UTC
From: jx7dfa
Topic: 1098 Message: 1106

http://www.mgs4u.com/relay.htm for cheap surplus relays.

http://www.qsl.net/la7dfa for phono QSK mod. (MY LINKS - HARDWARE - FT-1000mp)

Per, LA7DFA

1107. Re: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 19:22:36 UTC
From: Charles Fulp
Topic: 1098 Message: 1107

Is the RJ1A better than the HC1.
looks like a guy in GA sells them.. maybe should order a few.
what is the operating voltage for those things.?
Assume direct replacement..pin for pin?

----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, January 24, 2004 13:16
Subject: Re: [acom-list] Relay problem

> Chas,
>
> The Kilovac HC-1 at N3RS failed early, and we simply replaced it with
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>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
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>

>
>

1108. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 19:41:24 UTC
From: jx7dfa
Topic: 1098 Message: 1108

Normally they are identical and they have identical datas.
There is a variant with a (white) silicone encapsulated ceramic
portion, but it is larger on the contact side and I would not use one
of those even if it is more quiet and has better datas.

If you can unscrew the coil, save it for later. You may get contact
sets cheaper than the complete assembly.

Be careful when soldering the coil contacts as they are very fragile !

--- In acom-list@yahoogroups.com, "Charles Fulp" <k3ww@f...> wrote:
> Is the RJ1A better than the HC1.
> looks like a guy in GA sells them.. maybe should order a few.
> what is the operating voltage for those things.?
> Assume direct replacement..pin for pin?
>
> ----- Original Message -----
> From: "Dave Hawes" <dave.n3rd@c...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, January 24, 2004 13:16
> Subject: Re: [acom-list] Relay problem
>
>
> > Chas,
> >
> > The Kilovac HC-1 at N3RS failed early, and we simply replaced it
with
> > a new Jennings RJ1A. The relay is accessible, and the changeout
> > took an hour.
> >
> > Dave
> >
> > On 24 Jan 2004 at 5:03, Barry N1EU wrote:
> >
> > > Chas, I think it may indicate a failed vaccuum relay.
> > > You might email Stan at Acom for the proper
> > > troubleshooting steps to verify the problem.
> > >
> > > GL & 73,
> > > Barry N1EU
> > >
> > > --- Charles Fulp <k3ww@f...> wrote:
> > > > The QSK relay? in my ACOM 2000 apparently produces
> > > > an error message.. relay
> > > > is closed when should be open.. on the
> > > > control box. The relays click and I can transmit

> > > > fine, but when I open the
> > > > control line to receive, I get the error message.
> > > > It sounds
> > > > like the relays go back to normal, and I can receive
> > > > through the ACOM2000.
> > > > I can leave the amp off and transmit through it OK.
> > > > As soon as I transmit with the amp and go back to
> > > > receive I get the error
> > > > message and have to push the OPR/STB button to
> > > > transmit again.
> > > > This happens everytime even if no power is sent thru
> > > > the amp..just cycling
> > > > the amp control input.
> > > >
> > > > Is this a recognized failure mode?
> > > >
> > > > 73 Chas K3WW
> > > >
> > > >
> > >
> > >
> > > _____
> > > Do you Yahoo!?
> > > Yahoo! SiteBuilder - Free web site building tool. Try it!
> > > http://webhosting.yahoo.com/ps/sb/
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com
> > >
> > > Yahoo! Groups Links
> > >
> > > To visit your group on the web, go to:
> > > http://groups.yahoo.com/group/acom-list/
> > >
> > > To unsubscribe from this group, send an email to:
> > > acom-list-unsubscribe@yahoogroups.com
> > >
> > > Your use of Yahoo! Groups is subject to:
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> > To unsubscribe, send an empty message to:
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> > acom-list-unsubscribe@yahoogroups.com
> >

> >
> > Yahoo! Groups Links
> >
> > To visit your group on the web, go to:
> > http://groups.yahoo.com/group/acom-list/
> >
> > To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to:
> > http://docs.yahoo.com/info/terms/
> >
> >
> >

1109. Re: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-24 19:36:18 UTC
From: Charles Fulp
Topic: 1098 Message: 1109

SRI for bandwidth.. was trying to reply to N3RD.
Thanks to Per for the lead on a source for replacement relays.

73 Chas K3WW

1110. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-25 18:03:08 UTC
From: Dick Green
Topic: 1098 Message: 1110

I had a similar problem soon after my 2000A arrived a few years ago. The factory said the relay was sticking because they got a bad batch of HC-1 relays. I replaced the relay with a Jennings RJ1A because I had one on the shelf. The factory sent me complete instructions for the replacement. The only tricky part is making sure not to let solder wick into the braided leads. If you do, they will not flex enough, the relay sound will be conducted to the circuit board, and the relay noise will be louder. Later on, Acom sent me a Russian replacement relay and a small length of replacement braid. Fortunately, I haven't needed to use them (yet -- knock on wood.)

Note that I could find nothing wrong with the HC-1 relay after removing it from the 2000A. This problem has been reported by several others. I saw it happen at KC1XX during a contest. One 2000A owner replaced his relay several times before the amp stopped faulting. One of the failed relays was a Jennings.

I have long suspected that the 2000A has a design flaw in this area, but there's not enough evidence to be sure or even to speculate about the nature of the problem. It could be that there is a logic problem in the relay control/sensor system that eventually damages the relay. Such a problem might be intermittent, damaging the relay on a low probability basis. I have a sense that the problem results from QSK operation because I did a bunch of testing with QSK when I first got the amp, but don't use it much anymore.

BTW, I was using an FT-1000MP at the time of the failure. I was using the TX and TX ENH loop.

73, Dick WC1M

1111. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-25 22:32:06 UTC
From: N1EU
Topic: 1098 Message: 1111

Yeah, what Dick said ;-)

Seriously, just want to voice agreement and my identical outcome with an MP running qsk.

Other point is that I don't think Max Gain sells the relays any more but it's worth giving Alan a call.

73,
Barry N1EU

--- In acom-list@yahoogroups.com, "Dick Green" <dick.green@v...> wrote:
> I had a similar problem soon after my 2000A arrived a few years ago.
> The factory said the relay was sticking because they got a bad batch
> of HC-1 relays. I replaced the relay with a Jennings RJ1A because I
> had one on the shelf. The factory sent me complete instructions for
> the replacement. The only tricky part is making sure not to let
> solder wick into the braided leads. If you do, they will not flex
> enough, the relay sound will be conducted to the circuit board, and
> the relay noise will be louder. Later on, Acom sent me a Russian
> replacement relay and a small length of replacement braid.
> Fortunately, I haven't needed to use them (yet -- knock on wood.)
>
> Note that I could find nothing wrong with the HC-1 relay after
> removing it from the 2000A. This problem has been reported by
> several others. I saw it happen at KC1XX during a contest. One 2000A
> owner replaced his relay several times before the amp stopped
> faulting. One of the failed relays was a Jennings.
>
> I have long suspected that the 2000A has a design flaw in this area,
> but there's not enough evidence to be sure or even to speculate
> about the nature of the problem. It could be that there is a logic
> problem in the relay control/sensor system that eventually damages
> the relay. Such a problem might be intermittent, damaging the relay
> on a low probability basis. I have a sense that the problem results
> from QSK operation because I did a bunch of testing with QSK when I
> first got the amp, but don't use it much anymore.
>
> BTW, I was using an FT-1000MP at the time of the failure. I was
> using the TX and TX ENH loop.
>

> 73, Dick WC1M

1112. Re: [acom-list] Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-25 22:52:49 UTC
From: Charles Fulp
Topic: 1098 Message: 1112

I think he has one full relay available and some contact sets..
Tnx.
73 Chas K3WW
----- Original Message -----
From: "N1EU" <n1eu@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, January 25, 2004 22:32
Subject: [acom-list] Re: Relay problem

> Yeah, what Dick said ;-)
>
> Seriously, just want to voice agreement and my identical outcome with
> an MP running qsk.
>
> Other point is that I don't think Max Gain sells the relays any more
> but it's worth giving Alan a call.
>
> 73,
> Barry N1EU
>
>
> --- In acom-list@yahoogroups.com, "Dick Green" <dick.green@v...>
> wrote:
> > I had a similar problem soon after my 2000A arrived a few years
> ago.
> > The factory said the relay was sticking because they got a bad
> batch
> > of HC-1 relays. I replaced the relay with a Jennings RJ1A because I
> > had one on the shelf. The factory sent me complete instructions for
> > the replacement. The only tricky part is making sure not to let
> > solder wick into the braided leads. If you do, they will not flex
> > enough, the relay sound will be conducted to the circuit board, and
> > the relay noise will be louder. Later on, Acom sent me a Russian
> > replacement relay and a small length of replacement braid.
> > Fortunately, I haven't needed to use them (yet -- knock on wood.)
> >
> > Note that I could find nothing wrong with the HC-1 relay after
> > removing it from the 2000A. This problem has been reported by
> > several others. I saw it happen at KC1XX during a contest. One
> 2000A
> > owner replaced his relay several times before the amp stopped
> > faulting. One of the failed relays was a Jennings.
> >
> > I have long suspected that the 2000A has a design flaw in this
> area,

> > but there's not enough evidence to be sure or even to speculate
> > about the nature of the problem. It could be that there is a logic
> > problem in the relay control/sensor system that eventually damages
> > the relay. Such a problem might be intermittent, damaging the relay
> > on a low probability basis. I have a sense that the problem results
> > from QSK operation because I did a bunch of testing with QSK when I
> > first got the amp, but don't use it much anymore.
> >
> > BTW, I was using an FT-1000MP at the time of the failure. I was
> > using the TX and TX ENH loop.
> >
> > 73, Dick WC1M
>
>
> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@yahoogroups.com
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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> To unsubscribe from this group, send an email to:
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>
>

1113. Re: Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-26 00:28:46 UTC
From: jx7dfa
Topic: 1098 Message: 1113

FYI: I bought Jennings relay and contact sets from Allen @ MGS 1 month ago.

Per, LA7DFA

> Other point is that I don't think Max Gain sells the relays any more

1114. RE: [acom-list] Relay problem

Yahoo group: acom-list (1999 — 2009)
Date: 2004-01-26 03:21:04 UTC
From: N2TK
Topic: 1098 Message: 1114

Hi Chas. They are pretty much interchangeable, pin for pin. Some say the Jennings works better at high speed. I have always used QSK with my amps ☐ Acom 2000a, and my 2 Alphas that I have had. Never had to change a vacuum relay. Was always careful to use the fastest signal out of the rig for keying the amp. Kenwood had a 12V transmit signal, Icom an 8V transmit signal. Don☐t know what Yaesu has available or how fast the signal is out of it. Used that to drive a power mosfet. This was always faster than any relay switched output from the rig.
Operating voltage is 26V.
N2TK, Tony

-----Original Message-----
From: Charles Fulp [mailto:k3ww@...]
Sent: Saturday, January 24, 2004 2:23 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Relay problem

Is the RJ1A better than the HC1.
looks like a guy in GA sells them.. maybe should order a few.
what is the operating voltage for those things.?
Assume direct replacement..pin for pin?

----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, January 24, 2004 13:16
Subject: Re: [acom-list] Relay problem

> Chas,
>
> The Kilovac HC-1 at N3RS failed early, and we simply replaced it with
> a new Jennings RJ1A. The relay is accessible, and the changeout
> took an hour.
>
> Dave
>
> On 24 Jan 2004 at 5:03, Barry N1EU wrote:
>
> > Chas, I think it may indicate a failed vaccuum relay.
> > You might email Stan at Acom for the proper
> > troubleshooting steps to verify the problem.
> >
> > GL & 73,
> > Barry N1EU
> >
> > --- Charles Fulp <k3ww@...> wrote:

> > > The QSK relay? in my ACOM 2000 apparently produces
> > > an error message.. relay
> > > is closed when should be open.. on the
> > > control box. The relays click and I can transmit
> > > fine, but when I open the
> > > control line to receive, I get the error message.
> > > It sounds
> > > like the relays go back to normal, and I can receive
> > > through the ACOM2000.
> > > I can leave the amp off and transmit through it OK.
> > > As soon as I transmit with the amp and go back to
> > > receive I get the error
> > > message and have to push the OPR/STB button to
> > > transmit again.
> > > This happens everytime even if no power is sent thru
> > > the amp..just cycling
> > > the amp control input.
> > >
> > > Is this a recognized failure mode?
> > >
> > > 73 Chas K3WW
> > >
> > >
> >
> >
> > _____
> > Do you Yahoo!?
> > Yahoo! SiteBuilder - Free web site building tool. Try it!
> > http://webhosting.yahoo.com/ps/sb/
> >
> > To unsubscribe, send an empty message to:
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> > Yahoo! Groups Links
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> > To visit your group on the web, go to:
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> > To unsubscribe from this group, send an email to:
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ault?mqso=60178397&partid=4116732>

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acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1115. HC-1 Relays for Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-04 22:29:39 UTC
From: k2qmf@juno.com
Topic: 1115 Message: 1115

Hello all,

I located a supplier of Kilovac HC-1 relays.

These are new pulls from equipment and they
look great. I ordered 2 and just received them.
Price is $25.00 Each !!!!!!!

order from www.american-milspec.com

73, Ted K2QMF

_____
The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

1116. Re: [acom-list] HC-1 Relays for Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-04 22:55:24 UTC
From: alsopb
Topic: 1115 Message: 1116

Ted,

I'd be interested in your experience with the replacement process.
Mine is getting old . I suppose it will last until the waranty runs
out.

73 de Brian/K3KO

k2qmf@... wrote:
>
> Hello all,
>
> I located a supplier of Kilovac HC-1 relays.
>
> These are new pulls from equipment and they
> look great. I ordered 2 and just received them.
> Price is $25.00 Each !!!!!!!
>
> order from www.american-milspec.com
>
> 73, Ted K2QMF
>
> _____
> The best thing to hit the Internet in years - Juno SpeedBand!
> Surf the Web up to FIVE TIMES FASTER!
> Only $14.95/ month - visit www.juno.com to sign up today!
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
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>
> To unsubscribe from this group, send an email to:
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> http://docs.yahoo.com/info/terms/

1117. Re: [acom-list] HC-1 Relays for Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-05 01:11:50 UTC
From: k2qmf@juno.com
Topic: 1115 Message: 1117

Hi Brian,

Actually, my Acom 2000A is working perfectly.
I ordered the relays because it seems that some
2000A users are starting to have problems with them.
I operate QSK CW so figure it is only a matter of time
till my relay starts to act up. Also, it seems that some
relay suppliers were running out of them...

73, Ted K2QMF

On Wed, 04 Feb 2004 22:55:24 +0000 alsopb <alsopb@...> writes:
> Ted,
>
> I'd be interested in your experience with the replacement process.
>
> Mine is getting old . I suppose it will last until the waranty
> runs
> out.
>
> 73 de Brian/K3KO
>
> k2qmf@... wrote:
> >
> > Hello all,
> >
> > I located a supplier of Kilovac HC-1 relays.
> >
> > These are new pulls from equipment and they
> > look great. I ordered 2 and just received them.
> > Price is $25.00 Each !!!!!!!
> >
> > order from www.american-milspec.com
> >
> > 73, Ted K2QMF
> >
> > _____
> > The best thing to hit the Internet in years - Juno SpeedBand!
> > Surf the Web up to FIVE TIMES FASTER!
> > Only $14.95/ month - visit www.juno.com to sign up today!
> >
> > To unsubscribe, send an empty message to:
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> > acom-list-unsubscribe@yahoogroups.com
> >
> > Yahoo! Groups Links

> >
> > To visit your group on the web, go to:
> > http://groups.yahoo.com/group/acom-list/
> >
> > To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
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> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
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> Your use of Yahoo! Groups is subject to:
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>
>
>

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Surf the Web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

1118. HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 14:40:09 UTC
From: betchy2003
Topic: 1118 Message: 1118

Does anyone know if this distributor is still in busines? I've sent numerous emails for price quotes without a response!

thanks,
Barry K1SWR

1119. Re: [acom-list] HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 14:54:50 UTC
From: Bob Naumann - N5NJ
Topic: 1118 Message: 1119

Give them a call on the telephone.

TEL 508 359 5990

> ------------Original Message------------
> From: "betchy2003" <K1SWR@...>
> To: acom-list@yahoogroups.com
> Date: Mon, Feb-16-2004 8:40 AM
> Subject: [acom-list] HFPOWER Inc.
>
> Does anyone know if this distributor is still in busines? I've sent ?numerous emails for price quotes without a response!??thanks,?Barry K1SWR????To unsubscribe, send an empty message to:??acom-list-unsubscribe@yahoogroups.com ???Yahoo! Groups Link
> To visit your group on the web, go to:?http://groups.yahoo.com/group/acom-list/??
> To unsubscribe from this group, send an email to:?acom-list-unsubscribe@yahoogroups.com??
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1120. Re: [acom-list] HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 14:59:03 UTC
From: Will Angenent
Topic: 1118 Message: 1120

Hello Barry, I looked to find a email from you and there is nothing there.
What email address did you use to contact us?
Thank you

Best regards,

Will
K6ND
----- Original Message -----
From: "betchy2003" <K1SWR@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, February 16, 2004 9:40 AM
Subject: [acom-list] HFPOWER Inc.

> Does anyone know if this distributor is still in busines? I've sent
> numerous emails for price quotes without a response!
>
> thanks,
> Barry K1SWR
>
>
>
> To unsubscribe, send an empty message to:
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> Yahoo! Groups Links
>
>
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>
>
>

1121. Re: HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 16:36:18 UTC
From: betchy2003
Topic: 1118 Message: 1121

Will,
I also responded to this email sent to me? I am looking for a price
for the 1000A and the new antenna tuner. Maybe you can respond to my
alternate emai betchy2003@...?
thanks

--- In acom-list@yahoogroups.com, "Will Angenent" <k6nd@h...> wrote:
> Hello Barry, I looked to find a email from you and there is
nothing there.
> What email address did you use to contact us?
> Thank you
>
> Best regards,
>
> Will
> K6ND
> ----- Original Message -----
> From: "betchy2003" <K1SWR@a...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, February 16, 2004 9:40 AM
> Subject: [acom-list] HFPOWER Inc.
>
>
> > Does anyone know if this distributor is still in busines? I've
sent
> > numerous emails for price quotes without a response!
> >
> > thanks,
> > Barry K1SWR
> >
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@yahoogroups.com
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >

1122. Re: [acom-list] Re: HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 16:57:54 UTC
From: Norman M. Keane
Topic: 1118 Message: 1122

They sure are still in business address is www.acom.com That is where I got my 2000A

Norm/W8KNH

[Non-text portions of this message have been removed]

1123. Re: [acom-list] Re: HFPOWER Inc.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-16 16:59:03 UTC
From: Norman M. Keane
Topic: 1118 Message: 1123

Correction to my post the address is www.HFPower.com

Norm/W8KNH

[Non-text portions of this message have been removed]

1124. ACOM2000 band segment settings

Yahoo group: acom-list (1999 — 2009)
Date: 2004-02-18 00:09:46 UTC
From: lfe73
Topic: 1124 Message: 1124

I recall reading somewhere that there is a DOS? program to run that
will set up the ACOM2000a for all Bands and segments automatically?
Can someone steer me to that Program please.
Thanks,
Larry K1UO

1125. FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-04 03:10:08 UTC
From: Dave Lefavour
Topic: 1125 Message: 1125

Can it be done and if so, how? Thanks.
73,
Dave W7GOX

1126. RE: [acom-list] FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-04 07:30:24 UTC
From: Neil King
Topic: 1125 Message: 1126

Dave,

Yup, it can be done and it is relatively straightforward once you realize the manual is wrong.

The FT897 Errata states:

In this manual, the sections describing "Linear Amplifier Interfacing" (page 10) and "Rear Panel ACC Jack" (page 18) are incorrect. The correct descriptions are:

PAGE 10: LINEAR AMPLIFIER INTERFACING
The FT-897 provides the switching and drive-control lines required for easy interfacing to most all commonly-available amplifiers sold today. These include:
- The Antenna Jacks ("HF/50MHz" and "144/430MHz");
- A T/R control line (open circuit on RX, closure to ground on TX); and
- A negative-going ALC jack (control voltage range: 0V to -4V DC).
- When interfacing to the VL-1000 Solid State 1 KW Linear Amplifier, the optional CT-58 Interface Cable provides for easy interconnection (requires that the Menu Mode No-020 [CAT /LIN/TUN] setting be changed to "LINEAR").

The rear-panel CAT /LINEAR jack is an 8-pin, miniature DIN type, with the "TX GND" pin providing a closure to ground on transmit, for T/R control of your linear amplifier. The ACC jack is a miniature stereo type, with external ALC input capability on the tip connection. The main shaft is the ground return. The ring connection of the ACC jack, when closed to ground, places the FT-897 into the transmit mode, and sends a steady CW carrier, for amplifier (or antenna tuner) adjustment purposes.

Note that some amplifiers, particularly VHF or UHF "brick" amplifiers, offer two methods of T/R switching: application of +13V or a closure to ground.

Be sure to configure your amplifier so that it switches via a closure to ground, as provided by your FT-897's CAT/LINEAR jack ("TX GND" pin).

Alternatively, many of these amplifiers use "RF Sensing" to control their relays; if yours is in this category, you may then use the T/R control line from the "TX GND" pin of the CAT/LINEAR jack for control of your HF linear amplifier, and RF sensing for your VHF or UHF amplifier.

The "TX GND" T/R control line is a transistor "open collector" circuit, capable of handling positive amplifier relay coil voltages of up to +50V DC and current of up to 400 mA. If you plan on using multiple linear amplifiers for different bands, you must provide external band-switching of the "TX GND" relay control line from the CAT/LINEAR jack.

Dave, just remember that the 8 pin mini DIN's are a really fragile way of connecting anything to the back of the 897. Be very careful that everything is aligned properly before you push it in. The pins are so fragile that little effort is require to bend the daylights out of them. It darn near cost me the use of my Acom1000 in Africa last year, given that I didn't have a spare with me on the trip.

Hope this helps and good luck,
Neil
VA7DX / 3DA0WC / 7P8NK

-----Original Message-----
From: Dave Lefavour [mailto:W7GOX@starband.net]
Sent: March 3, 2004 7:10 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] FT-897 + CAT + Acom 1000 ?

Can it be done and if so, how? Thanks.
73,
Dave W7GOX

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1127. Re: [acom-list] FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-04 13:14:28 UTC
From: VA3MW - Port Credit
Topic: 1125 Message: 1127

Dave

Page 10 of the manual tells you how to do it. The T/R (TX-GND) keying line comes from the ACC connector.

You may have to modify the CAT cable to do this, or Yaesu might have a special cable.

You would connect the Keying line from the Amp (any amp with low power contacts) to the TX-GND pin of the ACC connector. This contact can handle 50V at 400mA maximum.

Mike VA3MW

----- Original Message -----
From: "Dave Lefavour" <W7GOX@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, March 03, 2004 10:10 PM
Subject: [acom-list] FT-897 + CAT + Acom 1000 ?

> Can it be done and if so, how? Thanks.
> 73,
> Dave W7GOX
>
>
>
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1128. RE: [acom-list] FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-08 02:44:53 UTC
From: Neil King
Topic: 1125 Message: 1128

Mike,

The manual is wrong. The CAT/Linear jack is used to provide TXGND, not the ACC jack. This requires fabricating an adapter or modifying the CT62 CAT cable to pull TXGND & GND off.

The Yaesu website contains a pdf file with the revision to the manual correcting page 10. If you can't find it, email me directly and I'll send it to you.

Neil
VA7DX

-----Original Message-----
From: VA3MW - Port Credit [mailto:va3mw@...]
Sent: March 4, 2004 5:14 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] FT-897 + CAT + Acom 1000 ?

Dave

Page 10 of the manual tells you how to do it. The T/R (TX-GND) keying line comes from the ACC connector.

You may have to modify the CAT cable to do this, or Yaesu might have a special cable.

You would connect the Keying line from the Amp (any amp with low power contacts) to the TX-GND pin of the ACC connector. This contact can handle 50V at 400mA maximum.

Mike VA3MW

----- Original Message -----
From: "Dave Lefavour" <W7GOX@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, March 03, 2004 10:10 PM
Subject: [acom-list] FT-897 + CAT + Acom 1000 ?

> Can it be done and if so, how? Thanks.
> 73,
> Dave W7GOX
>
>
>
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1129. Re: [acom-list] FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-08 03:15:30 UTC
From: VA3MW - Port Credit
Topic: 1125 Message: 1129

Thanks Neil

No need for the change, as I don't own an 897. I was just doing some
research at the time the request came in.

73..
----- Original Message -----
From: "Neil King" <neil.king@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 07, 2004 9:44 PM
Subject: RE: [acom-list] FT-897 + CAT + Acom 1000 ?

> Mike,
>
> The manual is wrong. The CAT/Linear jack is used to provide TXGND, not the
> ACC jack. This requires fabricating an adapter or modifying the CT62 CAT
> cable to pull TXGND & GND off.
>
> The Yaesu website contains a pdf file with the revision to the manual
> correcting page 10. If you can't find it, email me directly and I'll send
it
> to you.
>
> Neil
> VA7DX
>
> -----Original Message-----
> From: VA3MW - Port Credit [mailto:va3mw@...]
> Sent: March 4, 2004 5:14 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] FT-897 + CAT + Acom 1000 ?
>
> Dave
>
> Page 10 of the manual tells you how to do it. The T/R (TX-GND) keying
line
> comes from the ACC connector.
>
> You may have to modify the CAT cable to do this, or Yaesu might have a
> special cable.
>
> You would connect the Keying line from the Amp (any amp with low power
> contacts) to the TX-GND pin of the ACC connector. This contact can handle
> 50V at 400mA maximum.
>
> Mike VA3MW

>
> ----- Original Message -----
> From: "Dave Lefavour" <W7GOX@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, March 03, 2004 10:10 PM
> Subject: [acom-list] FT-897 + CAT + Acom 1000 ?
>
>
> > Can it be done and if so, how? Thanks.
> > 73,
> > Dave W7GOX
> >
> >
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1130. New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 00:42:18 UTC
From: kb7our
Topic: 1130 Message: 1130

I am soon to be the proud owner of an ACOM 1000. After much reading this is the one I decided to purchase. I plan to use it with a IC-756P2 and standard 110V house current. Will at HFPOWER is truly a great guy to deal with. Absolutely top notch customer service. The amp should arrive this week. For hookup, my understanding is that I need a simple single RCA cable (besides the coax of course). Is this for the ALC or Send connection on the radio? Also, I assume the amp comes tapped for 240 and so I will have to tap for 110 house current. Any advice on connecting this amp would be appreciated -- this is my first amp and so I don't want to blow it up doing something stupid. Of course I don't want to kill the radio either. Thanks for helping a new QRO guy keep safe.

Wade

1131. Re: [acom-list] New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 00:46:42 UTC
From: W3EME Brian Manns
Topic: 1130 Message: 1131

Use the 220 hookup at the house...115 volt's will be to weak...
It is a beauty...you'll love it.

Brian w3eme
----- Original Message -----
From: kb7our
To: acom-list@yahoogroups.com
Sent: Tuesday, March 16, 2004 12:42 AM
Subject: [acom-list] New ACOM 1000 User

I am soon to be the proud owner of an ACOM 1000. After much reading
this is the one I decided to purchase. I plan to use it with a IC-
756P2 and standard 110V house current. Will at HFPOWER is truly a
great guy to deal with. Absolutely top notch customer service. The
amp should arrive this week. For hookup, my understanding is that I
need a simple single RCA cable (besides the coax of course). Is
this for the ALC or Send connection on the radio? Also, I assume
the amp comes tapped for 240 and so I will have to tap for 110 house
current. Any advice on connecting this amp would be appreciated --
this is my first amp and so I don't want to blow it up doing
something stupid. Of course I don't want to kill the radio either.
Thanks for helping a new QRO guy keep safe.

Wade

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[Non-text portions of this message have been removed]

1132. Re: [acom-list] New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 00:57:26 UTC
From: Carl Moreschi
Topic: 1130 Message: 1132

The cable is for keying the amp from your transceiver. I don't know what kind of keying the 756 pro II has for an amp. I run mine with an Orion and I need 2 cables for keying with full QSK. One cable comes from the radio that comes on when the radio is keyed. Another cable comes from the amp back to the radio that tells the radio the amp antenna realy is now transferred and then allows the radio to actually transmit.

All modern transceivers have ALC built into them so amps don't require an alc line with modern transceivers. I run my acom 1000 on 240 volts. That is the way it will come from the factory. All you have to do is rewire the power plug for 120 volt operation. I don't know how well the amp will run on 120 volts as you will be drawing at least 12 amps on your house wiring. This may cause the 120 volts to drop some. You will probably be fine if you restrict your output power to around 800 to 900 watts instead of 1000 to 1200. No one will be able to tell the difference.

73,

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "kb7our" <kb7our@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, March 16, 2004 12:42 AM
Subject: [acom-list] New ACOM 1000 User

> I am soon to be the proud owner of an ACOM 1000. After much reading
> this is the one I decided to purchase. I plan to use it with a IC-
> 756P2 and standard 110V house current. Will at HFPOWER is truly a
> great guy to deal with. Absolutely top notch customer service. The
> amp should arrive this week. For hookup, my understanding is that I
> need a simple single RCA cable (besides the coax of course). Is
> this for the ALC or Send connection on the radio? Also, I assume
> the amp comes tapped for 240 and so I will have to tap for 110 house
> current. Any advice on connecting this amp would be appreciated --
> this is my first amp and so I don't want to blow it up doing
> something stupid. Of course I don't want to kill the radio either.
> Thanks for helping a new QRO guy keep safe.
>
> Wade
>
>
>
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1133. re[2]: [acom-list] New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 01:36:00 UTC
From: Jim Idelson
Topic: 1130 Message: 1133

Get 220v to that amp. You will not be sorry.

73,

Jim K1IR

> Use the 220 hookup at the house...115 volt's will be to weak...
It is a beauty...you'll love it.

Brian w3eme
----- Original Message -----
From: kb7our
To: acom-list@yahoogroups.com
Sent: Tuesday, March 16, 2004 12:42 AM
Subject: [acom-list] New ACOM 1000 User

I am soon to be the proud owner of an ACOM 1000. After much reading this is the one I decided to purchase. I plan to use it with a IC-756P2 and standard 110V house current. Will at HFPOWER is truly a great guy to deal with. Absolutely top notch customer service. The amp should arrive this week. For hookup, my understanding is that I need a simple single RCA cable (besides the coax of course). Is this for the ALC or Send connection on the radio? Also, I assume the amp comes tapped for 240 and so I will have to tap for 110 house current. Any advice on connecting this amp would be appreciated -- this is my first amp and so I don't want to blow it up doing something stupid. Of course I don't want to kill the radio either. Thanks for helping a new QRO guy keep safe.

Wade

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1134. Re: New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 16:25:48 UTC
From: Hans , PA3HGT
Topic: 1130 Message: 1134

Hello Wade,

Congrats with your new Acom 1000 and the pro2.
Here is too guide you to connect the Acom 1000 :

http://www.qsl.net/kk5dr/IcomKeyInterface.html

and

www.qsl.net/pa3hgt/ look for "techshit" button and look for the
schematic diagram to connect Acom 1000<>IC756PROII

The difference is that you can connect to acc 1 or acc 2 port.
It's ur choice.
Succes.

Hans,PA3HGT

-- In acom-list@yahoogroups.com, "kb7our" <kb7our@m...> wrote:
> I am soon to be the proud owner of an ACOM 1000. After much
reading
> this is the one I decided to purchase. I plan to use it with a IC-
> 756P2 and standard 110V house current. Will at HFPOWER is truly a
> great guy to deal with. Absolutely top notch customer service.
The
> amp should arrive this week. For hookup, my understanding is that
I
> need a simple single RCA cable (besides the coax of course). Is
> this for the ALC or Send connection on the radio? Also, I assume
> the amp comes tapped for 240 and so I will have to tap for 110
house
> current. Any advice on connecting this amp would be appreciated --

> this is my first amp and so I don't want to blow it up doing
> something stupid. Of course I don't want to kill the radio
either.
> Thanks for helping a new QRO guy keep safe.
>
> Wade

1135. Acom Tools for WinXP

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 17:58:19 UTC
From: N1EU
Topic: 1056 Message: 1135

Just another reiteration of my plea to the cosmos to come out with a version of Acom Tools for the 2000A that consistently works under WinXP.

73,
Barry N1EU

--- In acom-list@yahoogroups.com, "N1EU" <n1eu@y...> wrote:
> I was wondering if there was any progress on getting Acom Tools
> working under WinXP? I know that a few folks report that it works
on
> their WinXP pc, but it doesn't for many/most of us.
>
> If Acom unfortunately isn't financially supporting the software
> development, I'm sure there are plenty of us who would be happy to
> pay a modest fee for it.
>
> 73 & Happy Holidays,
> Barry N1EU
>
> --- In acom-list@yahoogroups.com, Gerry Hull <windev@i...> wrote:
> >
> > After SSCW, I'm going to write a robust installer for Michael's
> stuff, which
> > should clear up the issues you are seeing.
> >
> > 73,
> >
> > Gerry Hull, W1VE

1136. Re: [acom-list] Acom Tools for WinXP

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-16 18:42:56 UTC
From: Barry
Topic: 1056 Message: 1136

I second the motion!
Barry W2UP

On 16 Mar 2004 N1EU wrote:

> Just another reiteration of my plea to the cosmos to come out with a
> version of Acom Tools for the 2000A that consistently works under
> WinXP.
>
> 73,
> Barry N1EU
>
> --- In acom-list@yahoogroups.com, "N1EU" <n1eu@y...> wrote:
> > I was wondering if there was any progress on getting Acom Tools
> > working under WinXP? I know that a few folks report that it works
> on
> > their WinXP pc, but it doesn't for many/most of us.
> >
> > If Acom unfortunately isn't financially supporting the software
> > development, I'm sure there are plenty of us who would be happy to
> > pay a modest fee for it.
> >
> > 73 & Happy Holidays,
> > Barry N1EU
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> > --- In acom-list@yahoogroups.com, Gerry Hull <windev@i...> wrote:
> > >
> > > After SSCW, I'm going to write a robust installer for Michael's
> > stuff, which
> > > should clear up the issues you are seeing.
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> > > 73,
> > >
> > > Gerry Hull, W1VE
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--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1137. Re: New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-18 23:29:52 UTC
From: kb7our
Topic: 1130 Message: 1137

Thanks to everyone for the wonderful support to get me started with my new amp. It arrived today, but did not include an ac plug. The manual says the dealer is to provide that wired for my situation. I got mine from Will (great guy) at HFPOWER. Does anyone know if I should have received a power receptacle or do I need to make a trip to Home Depot for either a 240 or 120 plug? I may deal with 120 at lower power (500W) until I have a chance to wire for 240 in the shack. At minimum I have to power this baby up to see the neat display :-)

Thanks again to all! Great group.

Wade

1138. Re: [acom-list] Re: New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-19 00:08:35 UTC
From: VA3MW - Port Credit
Topic: 1130 Message: 1138

I had to supply my own.

Anyway, it would likely cost them more to ship it to you then for you to go pick on up at HD.

Get a good quality one. This is not the time to be cheap.

Mike VA3MW

----- Original Message -----
From: "kb7our" <kb7our@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, March 18, 2004 6:29 PM
Subject: [acom-list] Re: New ACOM 1000 User

> Thanks to everyone for the wonderful support to get me started with
> my new amp. It arrived today, but did not include an ac plug. The
> manual says the dealer is to provide that wired for my situation. I
> got mine from Will (great guy) at HFPOWER. Does anyone know if I
> should have received a power receptacle or do I need to make a trip
> to Home Depot for either a 240 or 120 plug? I may deal with 120 at
> lower power (500W) until I have a chance to wire for 240 in the
> shack. At minimum I have to power this baby up to see the neat
> display :-)
>
> Thanks again to all! Great group.
>
> Wade
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1139. New Acom 2000A user

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-23 12:57:26 UTC
From: vk3ajj
Topic: 1139 Message: 1139

Hello All,

I have just purchased a used Acom 2000A and just got it operational tonight. All looks to be well.

I am hoping to use this amp in a remote station installation and would be interested in hearing from others that may be doing this.

I have downloaded the Acom tools Windows program and have the following immediate questions:

1 In the manual it indicates that the cable for connecting from the serial port to the amp is not a standard serial cable. Can someone advise me what is the pin configuration for the required cable.

2 I am using the Windows XP operating system at the remote end - assume this does not present a problem?

3 The functionality that I am most interested in is being able to turn the amp on and off remotely. Would be interested in any helpful info from anyone who is doing this.

Any other tricks and pitfalls regarding the use of this software for amp computer control is of course appreciated.

Cheers and thanks

Paul (vk3ajj)

1140. Re: [acom-list] New Acom 2000A user

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-23 13:45:36 UTC
From: Barry
Topic: 1139 Message: 1140

On 23 Mar 2004 at 12:57, vk3ajj wrote:
Hi Paul,
Comments interspersed below...

> Hello All,
>
> I have just purchased a used Acom 2000A and just got it operational
> tonight. All looks to be well.
>
> I am hoping to use this amp in a remote station installation and would
> be interested in hearing from others that may be doing this.
>
> I have downloaded the Acom tools Windows program and have the
> following immediate questions:
>
> 1 In the manual it indicates that the cable for connecting from the
> serial port to the amp is not a standard serial cable. Can someone
> advise me what is the pin configuration for the required cable.
>

I'm at work now, so this from memory, and it's been a few years since
I did the hookup. Suggest you get another confirmation before
proceeding. As I recall, you just want RXD, TXD and GND. Others left
unconnected.

> 2 I am using the Windows XP operating system at the remote end -
> assume this does not present a problem?

It may be a problem. The software works like a charm on my Win98
computer. On my XP computer it doesn't work. Some with XP systems
tell me it does work, but not mine. Acom has promised an update for
several years, but nothing has been done. Very disappointing!

>
> 3 The functionality that I am most interested in is being able to turn
> the amp on and off remotely. Would be interested in any helpful info
> from anyone who is doing this.
>

Someone in 5-land did this. I don't recall who. Hopefully, he'll
contact you. If not, you might want to check the list archives via
the web: www.yahoogroups.com
73,
Barry W2UP

> Any other tricks and pitfalls regarding the use of this software for
> amp computer control is of course appreciated.

>
> Cheers and thanks
>
> Paul (vk3ajj)
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1141. Re: New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-23 17:30:34 UTC
From: kb7our
Topic: 1130 Message: 1141

I purchased my own heavy duty right angle AC plug and wired the amp for 120V. It makes sense that the dealer would not provide this, due to the possible different end user requirements. Setup involved re-tapping both LV and HV transformer windings (LV via jumper, HV via taps) and replacing the 2 10A fuses with 20A ones. Since I only have 120V and 15A in the shack/office, this is the route I took until I can get 240V wired in. Several smoke tests at ~500W (20-25W drive) have gone well so far. Reports I've received on SSB are excellent. Don't want to key up full power and risk tripping the room circuit, which is 15A, but when the 240V line comes in it will be time for full smoke stress testing. With some basic playing, considering my working conditions, I am very pleased with this AMP and it has met my expectations. Customer service from Will exceeded them.

Wade

1142. Re: [acom-list] Re: New ACOM 1000 User

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-24 00:34:01 UTC
From: Will Angenent
Topic: 1130 Message: 1142

good job . So don't worry . Pull full power
Krassy
----- Original Message -----
From: "kb7our" <kb7our@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, March 23, 2004 12:30 PM
Subject: [acom-list] Re: New ACOM 1000 User

> I purchased my own heavy duty right angle AC plug and wired the amp
> for 120V. It makes sense that the dealer would not provide this,
> due to the possible different end user requirements. Setup involved
> re-tapping both LV and HV transformer windings (LV via jumper, HV
> via taps) and replacing the 2 10A fuses with 20A ones. Since I only
> have 120V and 15A in the shack/office, this is the route I took
> until I can get 240V wired in. Several smoke tests at ~500W (20-25W
> drive) have gone well so far. Reports I've received on SSB are
> excellent. Don't want to key up full power and risk tripping the
> room circuit, which is 15A, but when the 240V line comes in it will
> be time for full smoke stress testing. With some basic playing,
> considering my working conditions, I am very pleased with this AMP
> and it has met my expectations. Customer service from Will exceeded
> them.
>
> Wade
>
>
>
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1143. Using Acom Tools to switch on the Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2004-03-27 10:42:04 UTC
From: vk3ajj
Topic: 1143 Message: 1143

Hello,

I have just got Acom tools operational with my Acom 2000A.
A couple of questions:

In the help file it mentions that additional hardware is required if the software is to be used to switch on the amp. Does anyone have any idea what this hardware is and where same can be purchased?

I note on this discussion group that users have reported problems using Acom Tools with Windows XP. It seems to be doing all it should on my Windows XP set-up at presnet. Are these reported problems of an intermittent nature or am I just lucky???

Any feedback is appreciated

Thanks

Paul (vk3ajj)

1144. Re: Using Acom Tools to switch on the Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-04 19:50:12 UTC
From: N1EU
Topic: 1143 Message: 1144

--- In acom-list@yahoogroups.com, "vk3ajj" <vk3ajj@y...> wrote:

> I note on this discussion group that users have reported problems
> using Acom Tools with Windows XP. It seems to be doing all it should
> on my Windows XP set-up at presnet. Are these reported problems of
> an intermittent nature or am I just lucky???
>

Acom Tools worked for me on my old Win98 pc but has never worked on my WinXP computer. Acom seems uninterested in fixing the software (why?). Perhaps some day we'll see an independent & improved shareware version of AcomTools.

73,
Barry N1EU

1145. Second Fan for ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-09 14:46:22 UTC
From: kb7our
Topic: 1145 Message: 1145

I'd like to get the second fan for my 1000 just to have it on hand should I ever have a use for it with future operations. Does anyone know of an equivalent to the ACOM offering or would I be better off to just go with the "plug & play" factory fan? Any idea what it costs?

Wade

1146. Re: [acom-list] Second Fan for ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-09 15:20:37 UTC
From: W3EME Brian Manns
Topic: 1145 Message: 1146

Stick with the factory unit...tuff to find one that will be an exact fit that is needed.

Brian w3eme
----- Original Message -----
From: kb7our
To: acom-list@yahoogroups.com
Sent: Friday, April 09, 2004 2:46 PM
Subject: [acom-list] Second Fan for ACOM 1000

I'd like to get the second fan for my 1000 just to have it on hand
should I ever have a use for it with future operations. Does anyone
know of an equivalent to the ACOM offering or would I be better off
to just go with the "plug & play" factory fan? Any idea what it
costs?

Wade

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[Non-text portions of this message have been removed]

1147. RE: [acom-list] Second Fan for ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-09 16:23:46 UTC
From: N2TK
Topic: 1145 Message: 1147

Can☐t help you on the equivalent fan. But, when I got my new 2000A a few years back, I added the external fan right away. I sandwiched some furnace filter material between the external fan and an outside cover for the fan. I change the filter once a year. It is dirty at that point. The inside of the amp has no dust or dirt. It has stayed nice and clean.
By the way, I have my amp in the basement mounted about 7☐ off the floor on a platform next to where all the coax comes into the house. On my desk I just have the RCU.
N2TK, Tony

-----Original Message-----
From: kb7our [mailto:kb7our@msn.com]
Sent: Friday, April 09, 2004 10:46 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Second Fan for ACOM 1000

I'd like to get the second fan for my 1000 just to have it on hand should I ever have a use for it with future operations. Does anyone know of an equivalent to the ACOM offering or would I be better off to just go with the "plug & play" factory fan? Any idea what it costs?

Wade

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[Non-text portions of this message have been removed]

1148. Re: [acom-list] Second Fan for ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-09 17:54:54 UTC
From: Bob Naumann - N5NJ
Topic: 1145 Message: 1148

My first question would be: what suggests that you need more cooling?

==========
From: "kb7our" <kb7our@...>
Date: 2004/04/09 Fri AM 09:46:22 CDT
To: acom-list@yahoogroups.com
Subject: [acom-list] Second Fan for ACOM 1000

I'd like to get the second fan for my 1000 just to have it on hand
should I ever have a use for it with future operations. Does anyone
know of an equivalent to the ACOM offering or would I be better off
to just go with the "plug & play" factory fan? Any idea what it
costs?

Wade

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1149. Re: [acom-list] Digest Number 339

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-10 15:05:34 UTC
From: Phil Catterall G4OBK
Topic: 1149 Message: 1149

Hi Wade / Group

A more sensible response I hope.....to the previous one.....

In the UK I obtained the extra fan from an electrical wholesaler who I have an account with (Farnell/CPC). The fan is made by Papst and the hole fixings were an exact spacing to the holes in the Acom chassis. In fact after I sourced this Papst fan, the UK Acom supplier contacted me to determine where he could obtain them himself to supply to customers.

I still find the Acom 1000 is quiet in use, even with the extra fan.

Hope that may be of some help.

73 Phil

Phil Catterall (G4OBK, GD4OBK, GM4OBK,
SV5/G4OBK, SV9/G4OBK)

Ham Radio Website: http://www.qsl.net/g4obk
e-mail: g4obk@...

----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 10, 2004 3:29 PM
Subject: [acom-list] Digest Number 339

>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: Second Fan for ACOM 1000
> From: Bob Naumann - N5NJ <n5nj@...>
>
>
> _____
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>
> Message: 1
> Date: Fri, 9 Apr 2004 12:54:54 -0500
> From: Bob Naumann - N5NJ <n5nj@...>
> Subject: Re: Second Fan for ACOM 1000
>
> My first question would be: what suggests that you need more cooling?
>

> ==
> From: "kb7our" <kb7our@...>
> Date: 2004/04/09 Fri AM 09:46:22 CDT
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Second Fan for ACOM 1000
>
> I'd like to get the second fan for my 1000 just to have it on hand
> should I ever have a use for it with future operations. Does anyone
> know of an equivalent to the ACOM offering or would I be better off
> to just go with the "plug & play" factory fan? Any idea what it
> costs?
>
> Wade
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1150. Re: Digest Number 339

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-10 21:09:24 UTC
From: kb7our
Topic: 1149 Message: 1150

Phil,

Thanks. This is the information I was seeking for the Acom 1000 secondary fan. I found some distributors for the Papst fan in the US. Do you know the model #?

Wade

1151. Re: [acom-list] Digest Number 339

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-11 01:21:08 UTC
From: Bob Naumann - N5NJ
Topic: 1149 Message: 1151

Phil,

Perhaps I should have explained that in my actual experience with the Acom 1000, in 48 hour DX contests, running maximum output power from a hot, humid DX location the Acom 1000 needed no additional cooling.

This fact causes me to question the need for a new (<1 month) user to think they need to add anything to the amplifier.

73,

N5NJ

> ------------Original Message------------
> From: "Phil Catterall G4OBK" <g4obk@....com>
> To: <acom-list@yahoogroups.com>
> Date: Sat, Apr-10-2004 10:05 AM
> Subject: Re: [acom-list] Digest Number 339
>
> Hi Wade / Group
>
> A more sensible response I hope.......to the previous one.....
>
> In the UK I obtained the extra fan from an electrical wholesaler who I have
> an account with (Farnell/CPC). The fan is made by Papst and the hole fixings
> were an exact spacing to the holes in the Acom chassis. In fact after I
> sourced this Papst fan, the UK Acom supplier contacted me to determine where
> he could obtain them himself to supply to customers.
>
> I still find the Acom 1000 is quiet in use, even with the extra fan.
>
> Hope that may be of some help.
>
> 73 Phil
>
> Phil Catterall (G4OBK, GD4OBK, GM4OBK,
> SV5/G4OBK, SV9/G4OBK)
>
> Ham Radio Website: http://www.qsl.net/g4obk
> e-mail: g4obk@...
>
> ----- Original Message -----
> From: <acom-list@yahoogroups.com>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, April 10, 2004 3:29 PM
> Subject: [acom-list] Digest Number 339

>
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> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. Re: Second Fan for ACOM 1000
> > From: Bob Naumann - N5NJ <n5nj@...>
> >
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> > ____
> > ____
> >
> > Message: 1
> > Date: Fri, 9 Apr 2004 12:54:54 -0500
> > From: Bob Naumann - N5NJ <n5nj@...>
> > Subject: Re: Second Fan for ACOM 1000
> >
> > My first question would be: what suggests that you need more cooling?
> >
> > ==
> > From: "kb7our" <kb7our@msn.com>
> > Date: 2004/04/09 Fri AM 09:46:22 CDT
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Second Fan for ACOM 1000
> >
> > I'd like to get the second fan for my 1000 just to have it on hand
> > should I ever have a use for it with future operations. Does anyone
> > know of an equivalent to the ACOM offering or would I be better off
> > to just go with the "plug & play" factory fan? Any idea what it
> > costs?
> >
> > Wade
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1152. Re: Digest Number 339

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-12 21:06:13 UTC
From: kb7our
Topic: 1149 Message: 1152

N5NJ,

I want to be able to run the amp full bore non-stop for a year from my garage in the AZ desert, where ambient temps can exceed 120 deg in the shade. I figured this is why the amp is built to accomodate the extra fan and that I needed one "just in case" it got a little warm on top near the exaust port where I keep my coffee cup. And you know what boiled coffee tastes like. ;-)

Wade

1153. Re:Papst fan for Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-13 22:17:34 UTC
From: Phil Catterall G4OBK
Topic: 1153 Message: 1153

Hi Wade

The extra fan I used is the Papst "Slimline AC Fan" dimensions 25mm deep and 92mm square.The mesh filter originally fitted to the Acom 1000 case fits on the outboard side of the fan and the fan fits on the outside of the Acom 1000 case.

There are 2 models in each voltage range: (I fitted the quieter of the 230v fans, slightly lower throughput but more than enough):

115v @5w = 27 dBA noise level
115v @9w = 40 dBA

230v @6w = 24 dBA (Model fitted to my unit)
230v @11w = 35 dBA

When I checked my Acom 1000 the rear of the mesh cover was covered in a thick layer of dirt - I haven't been around the back for about a year. So I got the half inch paint brush out and gave it a clean down. It must have been restricting air flow by 50%, so that is worth mentioning.

73 Phil

Phil Catterall (G4OBK, GD4OBK, GM4OBK,
SV5/G4OBK, SV9/G4OBK)

Ham Radio Website: http://www.qsl.net/g4obk
e-mail: g4obk@...

> > From: "kb7our" <kb7our@...>
> > Date: 2004/04/09 Fri AM 09:46:22 CDT
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Second Fan for ACOM 1000
> >
> > I'd like to get the second fan for my 1000 just to have it on hand
> > should I ever have a use for it with future operations. Does anyone
> > know of an equivalent to the ACOM offering or would I be better off
> > to just go with the "plug & play" factory fan? Any idea what it
> > costs?
> >
> > Wade
>

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Version: 6.0.656 / Virus Database: 421 - Release Date: 09/04/2004

1154. Acom 1000 second fan - amended info!

Yahoo group: acom-list (1999 — 2009)
Date: 2004-04-17 19:08:12 UTC
From: Phil Catterall G4OBK
Topic: 1154 Message: 1154

Hi All

I've checked this out fully now and the extra fan is not an AC Mains fan - it is 24v DC. There is a pickup for the lead on an adjacent PCB at the rear of the case. It was worth removing it to check the part number and clean out the area around the fan.

The type I fitted is the Papst 24V DC 96 mA unit (2.3w). The Part Number on the fan case is Papst Type 3414N.

I believe this is probably known as the Papst 3400N Megafan. The 32 dBA version is ?14 UKP the 36 dBA one is ?12 UKP.

I recall having to source my own long bolts and having to remove the mains transformer to gain access when it was orignally fitted.

73 Phil G4OBK

Phil Catterall (G4OBK, GD4OBK, GM4OBK,
SV5/G4OBK, SV9/G4OBK)

Ham Radio Website: http://www.qsl.net/g4obk
e-mail: g4obk@...

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Version: 6.0.659 / Virus Database: 423 - Release Date: 15/04/2004

1155. New ACOM2000 "prot" light mystery error

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-10 11:02:34 UTC
From: lfe73
Topic: 1155 Message: 1155

Does anyone have an idea idea what might be causing my ACOM-2000 protect light to come on and kick the amp into standby? Its happened a lot the past couple days especially when using SSB.

There are NO other indications or messages that come on the screen. Tonight when talking to Tom DF2BO (Optibeam Owner and manufacturer) on 20 meters (14.207) the amp tripped back to "stby" about 10 times. I was using 44 watts drive...swr was solid at 1.0:1!!...line voltage as measured on the control head was 242V etc etc etc.

There is absolutely NO reason this should happen. It happens in the middle of a sentence and not when initially keying up the rig to talk.
I thought it might be a keying sequence error between the Ten-Tec ORION and amp but when it happened numerous times in mid sentence I knew that was out!

Whats going on?

Larry K1UO

1156. AW: [acom-list] New ACOM2000 "prot" light mystery error

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-10 11:10:57 UTC
From: Carsten Esch
Topic: 1155 Message: 1156

Larry,

what kind of PTT keying do you use between ORION and ACOM? I had the same problem when using only the PTT line, using PTT In / and PTT OUT on the ACOM (Key In / Key OUT) solved this problem for me!

73sss

Carsten, DL6LAU

-----Urspr?ngliche Nachricht-----
Von: lfe73 [mailto:k1uo@...]
Gesendet: Montag, 10. Mai 2004 13:03
An: acom-list@yahoogroups.com
Betreff: [acom-list] New ACOM2000 "prot" light mystery error

Does anyone have an idea idea what might be causing my ACOM-2000 protect light to come on and kick the amp into standby? Its happened a lot the past couple days especially when using SSB.

There are NO other indications or messages that come on the screen. Tonight when talking to Tom DF2BO (Optibeam Owner and manufacturer) on 20 meters (14.207) the amp tripped back to "stby" about 10 times. I was using 44 watts drive...swr was solid at 1.0:1!!...line voltage as measured on the control head was 242V etc etc etc.

There is absolutely NO reason this should happen. It happens in the middle of a sentence and not when initially keying up the rig to talk.
I thought it might be a keying sequence error between the Ten-Tec ORION and amp but when it happened numerous times in mid sentence I knew that was out!

Whats going on?

Larry K1UO

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1157. Re: [acom-list] New ACOM2000 "prot" light mystery error

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-10 11:16:04 UTC
From: alsopb
Topic: 1155 Message: 1157

Hi Larry,

Just what error does the RCU display? Can you scroll back through the last N faults and see if there is a common thread?

One possibility (generally shows up as arc fault) is something intermittent in the feedline path from the amp out put to antenna.

1500 watts out is a good tool for shaking down weaknesses in this path. It is a bit frustrating with the ACOM though. Nothing gets charred to help identify the fault!

73 de Brian/K3KO

lfe73 wrote:
> Does anyone have an idea idea what might be causing my ACOM-2000
> protect light to come on and kick the amp into standby? Its
> happened a lot the past couple days especially when using SSB.
>
> There are NO other indications or messages that come on the screen.
> Tonight when talking to Tom DF2BO (Optibeam Owner and manufacturer)
> on 20 meters (14.207) the amp tripped back to "stby" about 10
> times. I was using 44 watts drive...swr was solid at 1.0:1!!...line
> voltage as measured on the control head was 242V etc etc etc.
>
> There is absolutely NO reason this should happen. It happens in the
> middle of a sentence and not when initially keying up the rig to
> talk.
> I thought it might be a keying sequence error between the Ten-Tec
> ORION and amp but when it happened numerous times in mid sentence I
> knew that was out!
>
> Whats going on?
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> Larry K1UO
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1158. New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-23 14:27:44 UTC
From: Hans Remeeus
Topic: 1158 Message: 1158

http://www.difona.de/details.php?&artmatch=ACOM1010

Who has more details about this new Acom amplifier?

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

[Non-text portions of this message have been removed]

1159. Re: [acom-list] New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-23 16:31:25 UTC
From: Hans Remeeus
Topic: 1158 Message: 1159

http://www.difona.de/pdf/acom1010.pdf for more details.

1200 VA transformer in the Acom 1010 instead of 2000 VA in the Acom 1000.

I think the 1010 is made for the German and others markets where maximum 700 Watt power output is legal.

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Sunday, May 23, 2004 4:27 PM
Subject: [acom-list] New Acom 1010 amplifier

http://www.difona.de/details.php?&artmatch=ACOM1010

Who has more details about this new Acom amplifier?

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1160. Re: New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-26 09:36:56 UTC
From: Andy Fyodoroff
Topic: 1158 Message: 1160

Hi,

I saw New ACOM PA "1010" in Dayton.
Looks like this is just pretest version.
The main problem of 1010 is twisted body with a heavy staff inside
and very cheap Pi-coil wire. ACOM needs to modify it ASAP.
73 de rw3ah Andy

> http://www.difona.de/pdf/acom1010.pdf for more details.
>
> 1200 VA transformer in the Acom 1010 instead of 2000 VA in the Acom
1000.
>
> I think the 1010 is made for the German and others markets where
maximum 700 Watt power output is legal.
>
>
> 73, Hans Remeeus.
> Ham Radio: PA1HR
> www.remeeus.nl
>
> Communication is about people, the rest is technology.
>
>
> ----- Original Message -----
> From: Hans Remeeus
> To: acom-list@yahoogroups.com
> Sent: Sunday, May 23, 2004 4:27 PM
> Subject: [acom-list] New Acom 1010 amplifier
>
>
> http://www.difona.de/details.php?&artmatch=ACOM1010
>
> Who has more details about this new Acom amplifier?
>
>
> 73, Hans Remeeus.
> Ham Radio: PA1HR
> www.remeeus.nl
>

1161. Auto tune

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-28 14:05:36 UTC
From: Massimo Taddei
Topic: 1161 Message: 1161

hi guys,
I've got a problem with my ACOM 2000A: when I try to auto tune , it appears those messages: the first one is "AUTOTUNE COMPLETED PLEASE REMOVE DRIVE" and a few second later this one "DAFAULT: CHECK VSWR PLEASE REMOVE DRIVE".I followed all the indications of the manual. the antenna (hy gain th11) VSWR is ok, the cable which connect the transceiver to the amp is ok too. I also tried to connect it with a dummy load (bird) and I tried to use three different connection cables (tx-amp), but I still have the same problems, what's more sometimes it doesn't change the band, but I've to say that in default mode the amplifier works, the out power is ok. I tried to erase many times the USER MEMORY but the problem still remains. can anyone help me?

73' massimo taddei iz5asz
iz5asz@...

[Non-text portions of this message have been removed]

1162. Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-31 10:50:27 UTC
From: Hans , PA3HGT
Topic: 1162 Message: 1162

Hi all,

Do someone know about the Acom 1010 ? I mailed the K6ND but no
answer yet.
Acom makes very good products but the response on mail is becoming
very bad.

Hans

1163. S/Hand Acom 1000 Wanted (UK only)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-05-31 19:24:16 UTC
From: Phil Catterall
Topic: 1163 Message: 1163

Hi There

If any UK amateur has an Acom 1000 in good order for sale please get in touch.

73 Phil G4OBK

g4obk@...

1164. Help

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-12 23:06:08 UTC
From: k2qmf@juno.com
Topic: 1164 Message: 1164

Hello All,

I have a strange problem with my 2000A.
I am setting up my new M/S contest station
and find that when I QSY from 20 Meters
to 40 Meters I get a red PROT light and the display
says High SWR 650 Watts. This does not happen when
I go from 80 to 40 !!!! Very strange... My antennas have very low
SWR and I even replaced the 40 meter antenna with a dummy
load and it still happens. I have band reject stubs on all the antennas.
When I remove the stubs on the 40 meter antenna the problem
goes away! The the amp changes from 20 to 40 with no problem.
I have double checked the stubs and they are fine...

Any help or suggestions would be very much appreciated.

Thanks in advance and 73, Ted K2QMF

_____
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Surf the Web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

1165. Re: [acom-list] Help

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-13 18:00:37 UTC
From: K6ND
Topic: 1164 Message: 1165

Please call as at 508 359 5990
Krassy K1LZ
----- Original Message -----
From: <k2qmf@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, June 12, 2004 7:06 PM
Subject: [acom-list] Help

> Hello All,
>
> I have a strange problem with my 2000A.
> I am setting up my new M/S contest station
> and find that when I QSY from 20 Meters
> to 40 Meters I get a red PROT light and the display
> says High SWR 650 Watts. This does not happen when
> I go from 80 to 40 !!!! Very strange... My antennas have very low
> SWR and I even replaced the 40 meter antenna with a dummy
> load and it still happens. I have band reject stubs on all the antennas.
> When I remove the stubs on the 40 meter antenna the problem
> goes away! The the amp changes from 20 to 40 with no problem.
> I have double checked the stubs and they are fine...
>
> Any help or suggestions would be very much appreciated.
>
> Thanks in advance and 73, Ted K2QMF
>
>
> _____
> The best thing to hit the Internet in years - Juno SpeedBand!
> Surf the Web up to FIVE TIMES FASTER!
> Only $14.95/ month - visit www.juno.com to sign up today!
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
>
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1166. ACOM Out of Business in US????

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-16 18:25:11 UTC
From: ntman_98
Topic: 1166 Message: 1166

IS ACOM still doing business in US? In the last 30 days I have sent several e-mails and have left six plus voice messages and have not had a single reply.

1167. Re: [acom-list] ACOM Out of Business in US????

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-16 19:36:08 UTC
From: morel
Topic: 1166 Message: 1167

Had a very pleasant meeting with Krassy one month ago at Dayton Hamvention
and all it's OK. Usually, he's responding very fast to e-mails.

73
Morel
4X1AD

----- Original Message -----
From: "ntman_98" <wa6mhw@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, June 16, 2004 8:25 PM
Subject: [acom-list] ACOM Out of Business in US????

> IS ACOM still doing business in US? In the last 30 days I have sent
> several e-mails and have left six plus voice messages and have not
> had a single reply.
>
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
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>

1168. Re: [acom-list] ACOM Out of Business in US????

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-20 16:32:04 UTC
From: Dave Hawes
Topic: 1166 Message: 1168

I sent an e-mail to the k6nd@... address on 5/31.

No reply. Is there a better address to use?

Seems that the Acom response here in the US is spotty at best.

Dave N3RD

On 16 Jun 2004 at 21:36, morel wrote:

> Had a very pleasant meeting with Krassy one month ago at Dayton
> Hamvention and all it's OK. Usually, he's responding very fast to
> e-mails.
>
> 73
> Morel
> 4X1AD
>
> ----- Original Message -----
> From: "ntman_98" <wa6mhw@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, June 16, 2004 8:25 PM
> Subject: [acom-list] ACOM Out of Business in US????
>
>
> > IS ACOM still doing business in US? In the last 30 days I have sent
> > several e-mails and have left six plus voice messages and have not
> > had a single reply.
> >
> >
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@yahoogroups.com
> > Yahoo! Groups Links
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>
> ---------- Yahoo! Groups Sponsor
> ----------~--> Make a clean sweep of pop-up ads. Yahoo!

> Companion Toolbar. Now with Pop-Up Blocker. Get it for free!
> http://us.click.yahoo.com/L5YrjA/eSIIAA/yQLSAA/ELTolB/TM
> ---~-
> >
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
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1169. Re: [acom-list] ACOM Out of Business in US????

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-21 20:22:47 UTC
From: K6ND
Topic: 1166 Message: 1169

Hi All,
The E mail is K1LZ@... or K6ND@...
Tel # 508 359 5990 Fax 508 3595989
Krassy
----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, June 20, 2004 12:32 PM
Subject: Re: [acom-list] ACOM Out of Business in US????

> I sent an e-mail to the k6nd@... address on 5/31.
>
> No reply. Is there a better address to use?
>
> Seems that the Acom response here in the US is spotty at best.
>
> Dave N3RD
>
> On 16 Jun 2004 at 21:36, morel wrote:
>
> > Had a very pleasant meeting with Krassy one month ago at Dayton
> > Hamvention and all it's OK. Usually, he's responding very fast to
> > e-mails.
> >
> > 73
> > Morel
> > 4X1AD
> >
> > ----- Original Message -----
> > From: "ntman_98" <wa6mhw@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, June 16, 2004 8:25 PM
> > Subject: [acom-list] ACOM Out of Business in US????
> >
> >
> > > IS ACOM still doing business in US? In the last 30 days I have sent
> > > several e-mails and have left six plus voice messages and have not
> > > had a single reply.
> > >
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> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com

> > > Yahoo! Groups Links
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> >
> > ------------------------ Yahoo! Groups Sponsor
> > ---------------------~--> Make a clean sweep of pop-up ads. Yahoo!
> > Companion Toolbar. Now with Pop-Up Blocker. Get it for free!
> > http://us.click.yahoo.com/L5YrjA/eSIIAA/yQLSAA/ELTolB/TM
> > ~-
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> > To unsubscribe, send an empty message to:
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> > acom-list-unsubscribe@yahoogroups.com
> > Yahoo! Groups Links
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> To unsubscribe, send an empty message to:
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> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
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1170. 2000A Dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 12:56:55 UTC
From: Bruce Marton
Topic: 1170 Message: 1170

My Acom 2000A developed a strange error. At the end of the 2+min. warm up, instead of setting up to run, it faults out with an error listed as "screen voltage on before time out complete". I restarted the process a second time and it came alive. The next night it did the same thing, I had to reset the start up several times to get it to operate (which it does just fine after) and now it won't start at all. I was unable to reach Acom over the past 10 days and had no reply to my voice and e mail messages, but was able to reach Krassy last night on his phone. He said it appears I may have a bad board inside and to bring it in. Has anyone else seen this fault? If so, what was the cause?
Bruce K1XR

1171. Re: [acom-list] 2000A Dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 14:04:22 UTC
From: Bob Naumann - N5NJ
Topic: 1170 Message: 1171

I had a similar problem, although not exactly the same.

Will suggested that the chip inside the control head might not be seated in it's socket properly. It looked fine, but after removing and re-inserting it, the amp has worked fine ever since.

N5NJ

==========

From: "Bruce Marton" <bmarton@...>
Date: 2004/06/23 Wed AM 07:56:55 CDT
To: <acom-list@yahoogroups.com>
Subject: [acom-list] 2000A Dead

My Acom 2000A developed a strange error. At the end of the 2+min. warm up, instead of setting up to run, it faults out with an error listed as "screen voltage on before time out complete". I restarted the process a second time and it came alive. The next night it did the same thing, I had to reset the start up several times to get it to operate (which it does just fine after) and now it won't start at all. I was unable to reach Acom over the past 10 days and had no reply to my voice and e mail messages, but was able to reach Krassy last night on his phone. He said it appears I may have a bad board inside and to bring it in. Has anyone else seen this fault? If so, what was the cause?
Bruce K1XR

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

==========

1172. RE: [acom-list] 2000A Dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 14:49:26 UTC
From: Bruce Marton
Topic: 1170 Message: 1172

Thanks for the heads up Bob, I'll forward this on to Krassy. He told me he had not heard of this problem before, so if this is the issue, it will be an easy fix. Too bad I didn't hear about it earlier, I reset the control head, which erased all my memories. Maybe a little DeOxit will do the job..
Bruce

-----Original Message-----
From: Bob Naumann - N5NJ [mailto:n5nj@...]
Sent: Wednesday, June 23, 2004 10:04 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A Dead

I had a similar problem, although not exactly the same.

Will suggested that the chip inside the control head might not be seated in it's socket properly. It looked fine, but after removing and re-inserting it, the amp has worked fine ever since.

N5NJ
==========
From: "Bruce Marton" <bmarton@...>
Date: 2004/06/23 Wed AM 07:56:55 CDT
To: <acom-list@yahoogroups.com>
Subject: [acom-list] 2000A Dead

My Acom 2000A developed a strange error. At the end of the 2+min. warm up, instead of setting up to run, it faults out with an error listed as "screen voltage on before time out complete". I restarted the process a second time and it came alive. The next night it did the same thing, I had to reset the start up several times to get it to operate (which it does just fine after) and now it won't start at all. I was unable to reach Acom over the past 10 days and had no reply to my voice and e mail messages, but was able to reach Krassy last night on his phone. He said it appears I may have a bad board inside and to bring it in. Has anyone else seen this fault? If so, what was the cause?
Bruce K1XR

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
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To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com

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<http://us.ard.yahoo.com/SIG=129s1shcc/M=298184.5022502.6152625.3001176/
D=groups/S=1705063108:HM/EXP=1088085867/A=2164339/R=0/SIG=11e2d64in/*htt
p:/www.netflix.com/Default?mqso=60183348> click here

<http://us.adserver.yahoo.com/l?M=298184.5022502.6152625.3001176/D=group
s/S=:HM/A=2164339/rand=684747158>

_____

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1173. bad subscriber address

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 16:02:48 UTC
From: Bob Naumann - N5NJ
Topic: 1173 Message: 1173

I received the following after sending my earlier message to the Acom-list:

----- The following addresses had permanent fatal errors -----
<bobnkate@...>

Can the moderator remove this address from the list?

N5NJ

1174. Re: RE: [acom-list] 2000A Dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 16:04:20 UTC
From: Bob Naumann - N5NJ
Topic: 1170 Message: 1174

Re-seating the chip erases all the memories too.

Krassy knows about it. It's something that we can do without sending the amp to Acom so it's worth a try.

==========
From: "Bruce Marton" <bmarton@...>
Date: 2004/06/23 Wed AM 09:49:26 CDT
To: <acom-list@yahoogroups.com>
Subject: RE: [acom-list] 2000A Dead

Thanks for the heads up Bob, I'll forward this on to Krassy. He told me he had not heard of this problem before, so if this is the issue, it will be an easy fix. Too bad I didn't hear about it earlier, I reset the control head, which erased all my memories. Maybe a little DeOxit will do the job..
Bruce

-----Original Message-----
From: Bob Naumann - N5NJ [mailto:n5nj@...]
Sent: Wednesday, June 23, 2004 10:04 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A Dead

I had a similar problem, although not exactly the same.

Will suggested that the chip inside the control head might not be seated in it's socket properly. It looked fine, but after removing and re-inserting it, the amp has worked fine ever since.

N5NJ
==========
From: "Bruce Marton" <bmarton@...>
Date: 2004/06/23 Wed AM 07:56:55 CDT
To: <acom-list@yahoogroups.com>
Subject: [acom-list] 2000A Dead

My Acom 2000A developed a strange error. At the end of the 2+min. warm up, instead of setting up to run, it faults out with an error listed as "screen voltage on before time out complete". I restarted the process a second time and it came alive. The next night it did the same thing, I had to reset the start up several times to get it to operate (which it does just fine after) and now it won't start at all. I was unable to reach Acom over the past 10 days and had no reply to my voice and e mail messages, but was able to reach Krassy last night on his phone. He said it appears I may have a bad board inside and to bring it in. Has anyone else seen this fault? If so, what was the cause?

Bruce K1XR

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

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To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com

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D=groups/S=1705063108:HM/EXP=1088085867/A=2164339/R=0/SIG=11e2d64in/*htt
p:/www.netflix.com/Default?mqso=60183348> click here

<http://us.adserver.yahoo.com/l?M=298184.5022502.6152625.3001176/D=group
s/S=:HM/A=2164339/rand=684747158>

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

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1175. Re: [acom-list] bad subscriber address

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 16:45:27 UTC
From: Barry
Topic: 1173 Message: 1175

Bob,
Here's how the list works on bounces:
If messages sent to a member are consistently returned to Yahoo!
Groups with an error, that member is considered "bouncing." Their
Yahoo! Groups account is deactivated, and group messages will not be
delivered to the account.
Once an account is considered bouncing, Yahoo! Groups will send a
series of test messages to the member. If the test messages are
returned as undeliverable, then the account will continue to bounce.
However, if a message is delivered and not returned as undeliverable
within five days after it was sent, the account will automatically be
reactivated. Members may also manually reactivate their accounts by
visiting their My Groups page.

Currently, there are about 20 accounts deactivated because of
bounces. The account you mentioned is still active, so it's not a
consistent bounce. Every ISP burps occasionally, so I don't want to
dump anyone because of a temporary glitch.
73,
Barry W2UP (moderator)

On 23 Jun 2004 at 11:02, Bob Naumann - N5NJ wrote:

>
> I received the following after sending my earlier message to the
> Acom-list:
>
> ----- The following addresses had permanent fatal errors -----
> <bobnkate@...>
>
> Can the moderator remove this address from the list?
>
> N5NJ
>
>
>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~--> Yahoo! Domains - Claim yours for only $14.70
> http://us.click.yahoo.com/Z1wmxD/DREIAA/yQLSAA/ELTolB/TM
> ---~-
> >
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links

>
>
>
>
>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1176. Re: Re: [acom-list] bad subscriber address

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 16:54:33 UTC
From: Bob Naumann - N5NJ
Topic: 1173 Message: 1176

Barry,

I moderate several Yahoo groups so I know how this works.

If the address is sending rejects to the sender (in this case me) and not to the group address, yahoo will never automatically do any of what you describe.

I suspect you will now get one of those messages, and I'll get another one from this message from that address.

I think it might be appropriate to just go ahead and delete this one.

73,

Bob N5NJ

==========
From: "Barry " <w2up@...>
Date: 2004/06/23 Wed AM 11:45:27 CDT
To: Bob Naumann - N5NJ <n5nj@...>,
acom-list@yahoogroups.com
Subject: Re: [acom-list] bad subscriber address

Bob,
Here's how the list works on bounces:
If messages sent to a member are consistently returned to Yahoo!
Groups with an error, that member is considered "bouncing." Their
Yahoo! Groups account is deactivated, and group messages will not be
delivered to the account.
Once an account is considered bouncing, Yahoo! Groups will send a
series of test messages to the member. If the test messages are
returned as undeliverable, then the account will continue to bounce.
However, if a message is delivered and not returned as undeliverable
within five days after it was sent, the account will automatically be
reactivated. Members may also manually reactivate their accounts by
visiting their My Groups page.

Currently, there are about 20 accounts deactivated because of
bounces. The account you mentioned is still active, so it's not a
consistent bounce. Every ISP burps occasionally, so I don't want to
dump anyone because of a temporary glitch.
73,
Barry W2UP (moderator)

On 23 Jun 2004 at 11:02, Bob Naumann - N5NJ wrote:

>
> I received the following after sending my earlier message to the

> Acom-list:
>
> ----- The following addresses had permanent fatal errors -----
> <bobnkate@...>
>
> Can the moderator remove this address from the list?
>
> N5NJ
>
>
>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~--> Yahoo! Domains - Claim yours for only $14.70
> http://us.click.yahoo.com/Z1wmxD/DREIAA/yQLSAA/ELTolB/TM
> ---~-
> >
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
>
>
>
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>

--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

==========

1177. [Fwd: Returned mail: User unknown]

Yahoo group: acom-list (1999 — 2009)
Date: 2004-06-23 18:44:21 UTC
From: Bob Naumann - N5NJ
Topic: 1177 Message: 1177

```
----- The following addresses had permanent fatal errors -----
<bobnkate@...>
(expanded from: <bobnkate@...>)

----- Transcript of session follows -----
mail.local: unknown name: bobnkate
550 <bobnkate@...>... User unknown

--------------------------------------------------------------------------------
Reporting-MTA: dns; mx1.worldnet.att.net
Received-From-MTA: DNS; n2.grp.scd.yahoo.com
Arrival-Date: Wed, 23 Jun 2004 14:13:55 +0000

Final-Recipient: RFC822; <bobnkate@...>
X-Actual-Recipient: RFC822; bobnkate@...
Action: failed
Status: 5.1.1
Last-Attempt-Date: Wed, 23 Jun 2004 14:13:55 +0000

Download Attachment: attachment21

--------------------------------------------------------------------------------
From: Bob Naumann - N5NJ <n5nj@...>
Date: 2004/06/23 Wed AM 09:04:22 CDT
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] 2000A Dead

Will suggested that the chip inside the control head might not be seated in
it's socket properly. It looked fine, but after removing and re-inserting it,
the amp has worked fine ever since.

N5NJ
============================================================
From: "Bruce Marton" <bmarton@...>
Date: 2004/06/23 Wed AM 07:56:55 CDT
To: <acom-list@yahoogroups.com>
Subject: [acom-list] 2000A Dead

My Acom 2000A developed a strange error. At the end of the 2+min. warm
up, instead of setting up to run, it faults out with an error listed as
"screen voltage on before time out complete". I restarted the process a
second time and it came alive. The next night it did the same thing, I
had to reset the start up several times to get it to operate (which it
does just fine after) and now it won't start at all. I was unable to
reach Acom over the past 10 days and had no reply to my voice and e mail
messages, but was able to reach Krassy last night on his phone. He said
it appears I may have a bad board inside and to bring it in. Has anyone
```

[Non-text portions of this message have been removed]

1178. Acom 2000A up and running

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-05 14:19:05 UTC
From: Bruce Marton
Topic: 1178 Message: 1178

OK, I wanted to post what Krassy did to solve the mystery "screen voltage is on before timeout complete" error. He had suspected a possible tube issue; however he first tested the screen voltage regulator transistor. The transistor proved to be in fine working order, so Krassy replaced the tubes with a new matched set. The amp fired right up without a hiccup. He ran a diagnostic on the screen current which appeared to be in order; however he wanted to burn in the tubes for a period of time before doing any final check.

Wouldn't you know it, just as we started the burn in, the area in Medfield was hit by a lightening strike and the power went out! That was that. So I packed up the amp and returned to Maine. I set it up at home, started to use it and it appeared the tubes were not matched, with one doing most of the work. I called Krassy, he said don't worry; I'll come up to you on Sunday, July 4th! What a guy. We spent most of the day enjoying antenna work and amp alignment. As it turned out, the matched set that was installed at the Acom office appears to have been mismatched by someone when they were packaged in the boxes, probably at the factory. So we measured the parameters of each tube, recorded the data and swapped the tubes until we got the best pair. The tubes were then burned in for several hours and we aligned the current settings. Man is this amp performing! 70 watts drive, without overdrive faulting and it was developing 2.5Kw. The temps between the tubes were dead nuts equal.

This is customer service, it doesn't get any better. Krassy hung out for dinner at our house and we worked 75/20/17 meter phone and some CW. He then headed home and we did a sched at 10:30pm to compare his 3 element 75 meter beam vs. my 110 foot elevated GP at the ocean. We worked into Europe and South America with very high band noise levels (S9 plus 5). As it turns out, I'll be doing a 3 element wire beam for the low bands, he handed me my head into Europe. I beat him into South America, but that was off the side of his beam and expected; not to mention I was using the 2000A and he was operating 100 watts barefoot.

I cannot say anything about Acom other than this is top notch service! Thanks Krassy and good luck down at P40HQ this week.

Bruce K1XR

1179. Re: [acom-list] Acom 2000A up and running

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-05 20:34:22 UTC
From: K6ND
Topic: 1178 Message: 1179

Thank you Bruce ,
I had my good time in your QTH .
Krassy
----- Original Message -----
From: "Bruce Marton" <bmarton@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, July 05, 2004 10:19 AM
Subject: [acom-list] Acom 2000A up and running

> OK, I wanted to post what Krassy did to solve the mystery "screen
> voltage is on before timeout complete" error. He had suspected a
> possible tube issue; however he first tested the screen voltage
> regulator transistor. The transistor proved to be in fine working
> order, so Krassy replaced the tubes with a new matched set. The amp
> fired right up without a hiccup. He ran a diagnostic on the screen
> current which appeared to be in order; however he wanted to burn in the
> tubes for a period of time before doing any final check.
>
> Wouldn't you know it, just as we started the burn in, the area in
> Medfield was hit by a lightening strike and the power went out! That
> was that. So I packed up the amp and returned to Maine. I set it up at
> home, started to use it and it appeared the tubes were not matched, with
> one doing most of the work. I called Krassy, he said don't worry; I'll
> come up to you on Sunday, July 4th! What a guy. We spent most of the
> day enjoying antenna work and amp alignment. As it turned out, the
> matched set that was installed at the Acom office appears to have been
> mismatched by someone when they were packaged in the boxes, probably at
> the factory. So we measured the parameters of each tube, recorded the
> data and swapped the tubes until we got the best pair. The tubes were
> then burned in for several hours and we aligned the current settings.
> Man is this amp performing! 70 watts drive, without overdrive faulting
> and it was developing 2.5Kw. The temps between the tubes were dead nuts
> equal.
>
> This is customer service, it doesn't get any better. Krassy hung out
> for dinner at our house and we worked 75/20/17 meter phone and some CW.
> He then headed home and we did a sched at 10:30pm to compare his 3
> element 75 meter beam vs. my 110 foot elevated GP at the ocean. We
> worked into Europe and South America with very high band noise levels
> (S9 plus 5). As it turns out, I'll be doing a 3 element wire beam for
> the low bands, he handed me my head into Europe. I beat him into South
> America, but that was off the side of his beam and expected; not to
> mention I was using the 2000A and he was operating 100 watts barefoot.
>
> I cannot say anything about Acom other than this is top notch service!

> Thanks Krassy and good luck down at P40HQ this week.
>
> Bruce K1XR
>
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>
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1180. Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-06 08:16:45 UTC
From: Hans , PA3HGT
Topic: 1162 Message: 1180

Hi all,

Vine and Difona are already advertising with the Acom 1010 but on
their own website is nothing too find ...
I did sent several email about a frontpanel and for info Acom 1010
to K6ND and nothing heard , are they also out of business in EU ,HI?

73,a worried Acom 1000 user.

1181. Re: [acom-list] Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-06 09:45:23 UTC
From: morel
Topic: 1162 Message: 1181

I saw a posting from Krassy here and I think K6ND address has been changed.
Maybe they forgot to update their site.

73
Morel
4X1AD

----- Original Message -----
From: "Hans , PA3HGT" <pluijgers@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, July 06, 2004 10:16 AM
Subject: [acom-list] Acom 1010

> Hi all,
>
> Vine and Difona are already advertising with the Acom 1010 but on
> their own website is nothing too find ...
> I did sent several email about a frontpanel and for info Acom 1010
> to K6ND and nothing heard , are they also out of business in EU ,HI?
>
>
> 73,a worried Acom 1000 user.
>
>
>
>
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1182. Re: [acom-list] Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-06 16:45:12 UTC
From: K6ND
Topic: 1162 Message: 1182

Hi
We can advertise 1010 before FCC approval in USA
The web will be update soon .
Krassy
----- Original Message -----
From: "morel" <morelg@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, July 06, 2004 5:45 AM
Subject: Re: [acom-list] Acom 1010

> I saw a posting from Krassy here and I think K6ND address has been
changed.
> Maybe they forgot to update their site.
>
> 73
> Morel
> 4X1AD
>
> ----- Original Message -----
> From: "Hans , PA3HGT" <pluijgers@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, July 06, 2004 10:16 AM
> Subject: [acom-list] Acom 1010
>
>
> > Hi all,
> >
> > Vine and Difona are already advertising with the Acom 1010 but on
> > their own website is nothing too find ...
> > I did sent several email about a frontpanel and for info Acom 1010
> > to K6ND and nothing heard , are they also out of business in EU ,HI?
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> >
> > 73,a worried Acom 1000 user.
> >
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1183. Remote swtich ON/OFF

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-11 09:28:46 UTC
From: Natale Borghetti
Topic: 1183 Message: 1183

Hi Group,

Just bought a new Acom2000A to be used at my remote station, I read all the documents and message related to the remote switch ON/OFF I am little bet confused.

Could any one confirmed the following:

The DB9 adapter has to be inserted on the back of the PA where nornally the RCU is connected.

The optoisolator has to be connected to the Contact nr. 1 and nr. 5 of the adapter.

Therefore when you use the amplifier in remote the RCU has not to be connected and all the commands has to be sended by CAT with the software.

When the amplifier has not to be used on remote, I have to simple disconnect the DB9 adapter (that has the connected optoisolator), and connect the RCU.

It is that....all correct...????or I completely misunderstanding the system ???????

I would appreciate any help

73

natale

i5nph

1184. Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-16 19:08:25 UTC
From: G3SJJ
Topic: 1073 Message: 1184

I already own the Acom 1000 which is a real nice amp but at present I have an 2000a here on loan. It is so sweet. I don't have the handbook so need some info. How do I access the menu. I want to get to the swr reading.
Thanks Chris G3SJJ

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Version: 6.0.719 / Virus Database: 475 - Release Date: 12-07-04

1185. Re: [acom-list] Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-16 21:55:53 UTC
From: -K4HW
Topic: 1073 Message: 1185

See if this helps.

http://www.hfpower.com/new/manual/OPER_MAN%20A2000.pdf

73, Hal -K4HW

----- Original Message -----
From: G3SJJ
To: acom-list@yahoogroups.com
Sent: Friday, July 16, 2004 3:08 PM
Subject: [acom-list] Acom 2000a

I already own the Acom 1000 which is a real nice amp but at present I have
an 2000a here on loan. It is so sweet. I don't have the handbook so need
some info. How do I access the menu. I want to get to the swr reading.
Thanks Chris G3SJJ

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Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.719 / Virus Database: 475 - Release Date: 12-07-04

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[Non-text portions of this message have been removed]

1186. RE: [acom-list] Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-17 05:14:40 UTC
From: G3SJJ
Topic: 1073 Message: 1186

Thanks Hal. That is exactly what I wanted. 73 Chris G3SJJ

-----Original Message-----
From: -K4HW [mailto:k4hw@...]
Sent: 16 July 2004 23:56
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000a

See if this helps.

http://www.hfpower.com/new/manual/OPER_MAN%20A2000.pdf

73, Hal -K4HW

----- Original Message -----
From: G3SJJ
To: acom-list@yahoogroups.com
Sent: Friday, July 16, 2004 3:08 PM
Subject: [acom-list] Acom 2000a

I already own the Acom 1000 which is a real nice amp but at present I have
an 2000a here on loan. It is so sweet. I don't have the handbook so need
some info. How do I access the menu. I want to get to the swr reading.
Thanks Chris G3SJJ

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Version: 6.0.719 / Virus Database: 475 - Release Date: 12-07-04

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.719 / Virus Database: 475 - Release Date: 12-07-04

1187. ACOM 1000 screen grid currents

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-18 16:52:24 UTC
From: dj3iw@t-online.de
Topic: 1187 Message: 1187

Hello all,

I am a new user of an ACOM 1000 amp and new to the list too.
Can the experienced users please tell me what screen current
their 1000 draws when tuned up with a steady carrier to the
800-1000 (maybe 1200) watts out levels?

73 de Goetz
dj3iw@...

1188. ACOM 1000 / Orion

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-19 22:01:34 UTC
From: John Rader
Topic: 1188 Message: 1188

New ACOM 1000 owner question.
What is the prefered tune-up method for the 1000 with an Orion? The Orion's tune output is automatically reduced to 20 watts, and can be increased to the set output by the push of a button. Should I tune with or without the amp's attenuator at, 20 watts, full power(+-60 watts), or some combination? How important is it to peak at full power?
John K5XTX

_____
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http://search.msn.click-url.com/go/onm00200636ave/direct/01/

1189. Re: [acom-list] ACOM 1000 / Orion

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-19 22:34:06 UTC
From: Carl Moreschi
Topic: 1188 Message: 1189

I use my N4PY Orion control program (www.n4py.com) to control my Orion and Acom-1000. I use a feature called "Amp Tune". This feature remembers the drive level for the Orion to drive the Acom -1000 for each band. I set the Orion at its correct drive level for the band with this feature and then use the Acom-1000's attenator. I set the load control to center the tuning indicator and peak the amp's tune control for paek output and then turn the amp's attenutor off. I do not re-peak at full power.

Carl Moreschi N4PY
Franklinton, North Carolina
n4py@...
----- Original Message -----
From: "John Rader" <k5xtx@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, July 19, 2004 10:01 PM
Subject: [acom-list] ACOM 1000 / Orion

> New ACOM 1000 owner question.
> What is the prefered tune-up method for the 1000 with an Orion? The
Orion's
> tune output is automatically reduced to 20 watts, and can be increased to
> the set output by the push of a button. Should I tune with or without the
> amp's attenuator at, 20 watts, full power(+-60 watts), or some
combination?
> How important is it to peak at full power?
> John K5XTX
>
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1190. ACOM 1000 / Orion

Yahoo group: acom-list (1999 — 2009)
Date: 2004-07-22 23:28:16 UTC
From: k5xtx1
Topic: 1188 Message: 1190

Carl,
I would like to try your software. Does the same version work with
the K2?
John K5XTX

1191. 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-01 23:44:05 UTC
From: k2qmf@juno.com
Topic: 1191 Message: 1191

Hello All,

I am looking for a small program that would work with Acom Tools, much like
Writelog does. You would open a small window and type a frequency into the window and when you hit Enter the Acom 2000A would go to that frequency.

This would allow you to change frequencies without keying the amplifier.

Is there a program similar to this available or can someone write it??

Many Thanks in advance and 73, Ted K2QMF

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1192. RE: [acom-list] 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-01 23:50:07 UTC
From: B Martn
Topic: 1191 Message: 1192

Ted,
I spoke to Tom Dandrea N3EQF who sells the Log EQF logging program about doing a version that would interface with the Acom.
He said that if there was enough interest, he might be able to work his software around. Contact him and tell him you are interested, I asked him to do it and if he gets several calls, he might go for it.
Bruce K1XR

-----Original Message-----
From: k2qmf@... [mailto:k2qmf@...]
Sent: Sunday, August 01, 2004 7:44 PM
To: acom-list@yahoogroups.com
Cc: acom@...
Subject: [acom-list] 2000A Frequency program?

Hello All,

I am looking for a small program that would work with Acom Tools, much like
Writelog does. You would open a small window and type a frequency into the window and when you hit Enter the Acom 2000A would go to that frequency.

This would allow you to change frequencies without keying the amplifier.

Is there a program similar to this available or can someone write it??

Many Thanks in advance and 73, Ted K2QMF

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<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=groups/S=:HM/A=2128215/rand=165930829>

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[Non-text portions of this message have been removed]

1193. Re: [acom-list] 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-02 00:22:15 UTC
From: k2qmf@juno.com
Topic: 1191 Message: 1193

Hi Bruce,

Well, I don't use LogEQF. In fact I use XMLog most of the time.
But what I am looking for is a small program that will work with any of
the logging programs buy opening up a separate window to type in the
new frequency...

73, Ted K2QMF

On Sun, 1 Aug 2004 19:50:07 -0400 "B Martn" <bmarton@...>
writes:
> Ted,
> I spoke to Tom Dandrea N3EQF who sells the Log EQF logging program
> about
> doing a version that would interface with the Acom.
> He said that if there was enough interest, he might be able to work
> his
> software around. Contact him and tell him you are interested, I
> asked
> him to do it and if he gets several calls, he might go for it.
> Bruce K1XR
>
>
>
> -----Original Message-----
> From: k2qmf@... [mailto:k2qmf@...]
> Sent: Sunday, August 01, 2004 7:44 PM
> To: acom-list@yahoogroups.com
> Cc: acom@...
> Subject: [acom-list] 2000A Frequency program?
>
> Hello All,
>
> I am looking for a small program that would work with Acom Tools,
> much
> like
> Writelog does. You would open a small window and type a frequency
> into
> the window and when you hit Enter the Acom 2000A would go to that
> frequency.
>
> This would allow you to change frequencies without keying the
> amplifier.
>
> Is there a program similar to this available or can someone write
> it??

>
> Many Thanks in advance and 73, Ted K2QMF
>
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> p:/companion.yahoo.com> click here
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> s/S=:HM/A=2128215/rand=165930829>
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1194. Re: [acom-list] 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-02 00:29:06 UTC
From: Carl Moreschi
Topic: 1191 Message: 1194

I have radio control programs that work with most TenTec, Icom, and Kenwood radios. These programs will also work with all logging programs that support the tentec file interface (which is most logging programs). I dodn't realize the Acom 2000 had direct frequency entry. I have an Acom 1000 which of course is manual tune only. I will try to get a spec from Krassy so I can add support to my software for the Acom 2000. See my webpage at www.n4py.com.

73,

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: <k2qmf@...>
To: <acom-list@yahoogroups.com>
Cc: <acom-list@yahoogroups.com>
Sent: Monday, August 02, 2004 12:22 AM
Subject: Re: [acom-list] 2000A Frequency program?

> Hi Bruce,
>
> Well, I don't use LogEQF. In fact I use XMLog most of the time.
> But what I am looking for is a small program that will work with any of
> the logging programs buy opening up a separate window to type in the
> new frequency...
>
> 73, Ted K2QMF
>
> On Sun, 1 Aug 2004 19:50:07 -0400 "B Martn" <bmarton@...>
> writes:
> > Ted,
> > I spoke to Tom Dandrea N3EQF who sells the Log EQF logging program
> > about
> > doing a version that would interface with the Acom.
> > He said that if there was enough interest, he might be able to work
> > his
> > software around. Contact him and tell him you are interested, I
> > asked
> > him to do it and if he gets several calls, he might go for it.
> > Bruce K1XR
> >
> >
> >
> > -----Original Message-----
> > From: k2qmf@... [mailto:k2qmf@...]
> > Sent: Sunday, August 01, 2004 7:44 PM

> > To: acom-list@yahoogroups.com
> > Cc: acom@...
> > Subject: [acom-list] 2000A Frequency program?
> >
> > Hello All,
> >
> > I am looking for a small program that would work with Acom Tools,
> > much
> > like
> > Writelog does. You would open a small window and type a frequency
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> > the window and when you hit Enter the Acom 2000A would go to that
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> > This would allow you to change frequencies without keying the
> > amplifier.
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> > Is there a program similar to this available or can someone write
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> D=groups/S=1705063108:HM/EXP=1091490324/A=2128215/R=0/SIG=10se96mf6/*htt
> > p:/companion.yahoo.com> click here
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> > s/S=:HM/A=2128215/rand=165930829>
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1195. RE: [acom-list] 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-02 00:29:48 UTC
From: B Martn
Topic: 1191 Message: 1195

Ted,
I cannot help you with that, but it was only a suggestion!
Best of luck,
Bruce K1XR

-----Original Message-----
From: k2qmf@... [mailto:k2qmf@...]
Sent: Sunday, August 01, 2004 8:22 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A Frequency program?

Hi Bruce,

Well, I don't use LogEQF. In fact I use XMLog most of the time.
But what I am looking for is a small program that will work with any of
the logging programs buy opening up a separate window to type in the
new frequency...

73, Ted K2QMF

On Sun, 1 Aug 2004 19:50:07 -0400 "B Martn" <bmarton@...>
writes:
> Ted,
> I spoke to Tom Dandrea N3EQF who sells the Log EQF logging program
> about
> doing a version that would interface with the Acom.
> He said that if there was enough interest, he might be able to work
> his
> software around. Contact him and tell him you are interested, I
> asked
> him to do it and if he gets several calls, he might go for it.
> Bruce K1XR
>
>
>
> -----Original Message-----
> From: k2qmf@... [mailto:k2qmf@...]
> Sent: Sunday, August 01, 2004 7:44 PM
> To: acom-list@yahoogroups.com
> Cc: acom@...
> Subject: [acom-list] 2000A Frequency program?
>
> Hello All,
>
> I am looking for a small program that would work with Acom Tools,

> much
> like
> Writelog does. You would open a small window and type a frequency
> into
> the window and when you hit Enter the Acom 2000A would go to that
> frequency.
>
> This would allow you to change frequencies without keying the
> amplifier.
>
> Is there a program similar to this available or can someone write
> it??
>
> Many Thanks in advance and 73, Ted K2QMF
>
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> p:/companion.yahoo.com> click here
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<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=group
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p:/companion.yahoo.com> click here

<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=group
s/S=:HM/A=2128215/rand=858366747>

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<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1196. Acom 2000A Control?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-12 15:01:54 UTC
From: k2qmf@juno.com
Topic: 1196 Message: 1196

Hello All,

I am not able to get the basic program "Acom.exe"
to control my 2000A. AcomTools works fine but
"Acom.exe" does nothing. I am not very computer
smart so it must be that I am doing something wrong.
Any help or suggestions would be very much appreciated.

73, Ted K2QMF

_____
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1197. service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-15 12:49:46 UTC
From: Hans , PA3HGT
Topic: 1197 Message: 1197

Hello All,

I own a Acom 1000 with a great joy but i have some qeustions about the service from Acom.
I did sent several emails to Acom and no reply ....
Are there any users with the same problem ?
I had some questions about a front panel of a Acom 1000 and no response!
Are there users of this nice product with the same experiences ?
Because ... when you've a serious problem ..... and you've the same experience then my .... you've a big problem !

73,Hans,PA3HGT

1198. Re: [acom-list] service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-15 16:58:19 UTC
From: john devoldere
Topic: 1197 Message: 1198

Hans:

Have you tried the distributer wher you bought it?

73, John, ON4UN

----- Original Message -----
From: "Hans , PA3HGT" <pluijgers@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, August 15, 2004 12:49 PM
Subject: [acom-list] service Acom

> Hello All,
>
> I own a Acom 1000 with a great joy but i have some qeustions about the
> service from Acom.
> I did sent several emails to Acom and no reply ....
> Are there any users with the same problem ?
> I had some questions about a front panel of a Acom 1000 and no
> response!
> Are there users of this nice product with the same experiences ?
> Because ... when you've a serious problem ..... and you've the same
> experience then my .... you've a big problem !
>
> 73,Hans,PA3HGT
>
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1199. Re: [acom-list] service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-16 03:18:46 UTC
From: Thomas Herrmann
Topic: 1197 Message: 1199

NOT AT ALL !
Hello Hans,
in opposition, I got a notable good service with VERY pricise information about "how to do" for 3 times.
Make sure, You use the right e-mail address:

ACOM@...

that worke for me. I got all the information during hours.
Really a GREAT service !

73 de Thomas, DL1AMQ

list@yahoogroups.com schrieb am 15.08.04 14:50:04:
>
> Hello All,
>
> I own a Acom 1000 with a great joy but i have some qeustions about the
> service from Acom.
> I did sent several emails to Acom and no reply ....
> Are there any users with the same problem ?
> I had some questions about a front panel of a Acom 1000 and no
> response!
> Are there users of this nice product with the same experiences ?
> Because ... when you've a serious problem ..... and you've the same
> experience then my .... you've a big problem !
>
> 73,Hans,PA3HGT
>
>
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1200. Re: [acom-list] Digest Number 367

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-16 12:52:01 UTC
From: Phil Catterall G4OBK
Topic: 1200 Message: 1200

Hi Hans,

I know that the servicing and repair work for Acom equipment sold by the UK Distributor for Acom is carried out in the UK. A friend of mine recently had to have a repair done under warranty, on his Acom 1000 after a component failure.
This work was speedily completed before the Acom was returned via carrier. I understand that in the UK, current trading standards law dictates in the frost instance that the retailer you purchased the equipment from is responsible for the after sales service of the product, should anything go wrong.

Good Luck,
Phil G4OBK

----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Monday, August 16, 2004 9:16 AM
Subject: [acom-list] Digest Number 367

>
> There are 3 messages in this issue.
>
> Topics in this digest:
>
> 1. service Acom
> From: "Hans , PA3HGT" <pluijgers@...>
> 2. Re: service Acom
> From: "john devoldere" <john.devoldere@...>
> 3. Re: service Acom
> From: "Thomas Herrmann" <dl1amq@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Sun, 15 Aug 2004 12:49:46 -0000
> From: "Hans , PA3HGT" <pluijgers@...>
> Subject: service Acom
>
> Hello All,
>
> I own a Acom 1000 with a great joy but i have some qeustions about the
> service from Acom.

> I did sent several emails to Acom and no reply ....
> Are there any users with the same problem ?
> I had some questions about a front panel of a Acom 1000 and no
> response!
> Are there users of this nice product with the same experiences ?
> Because ... when you've a serious problem ..... and you've the same
> experience then my .... you've a big problem !
>
> 73,Hans,PA3HGT
>
>
>
> --
> --
>
> Message: 2
> Date: Sun, 15 Aug 2004 16:58:19 -0000
> From: "john devoldere" <john.devoldere@...>
> Subject: Re: service Acom
>
>
> Hans:
>
> Have you tried the distributer wher you bought it?
>
> 73, John, ON4UN
>
> ----- Original Message -----
> From: "Hans , PA3HGT" <pluijgers@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, August 15, 2004 12:49 PM
> Subject: [acom-list] service Acom
>
>
> > Hello All,
> >
> > I own a Acom 1000 with a great joy but i have some qeustions about the
> > service from Acom.
> > I did sent several emails to Acom and no reply ....
> > Are there any users with the same problem ?
> > I had some questions about a front panel of a Acom 1000 and no
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> > Are there users of this nice product with the same experiences ?
> > Because ... when you've a serious problem ..... and you've the same
> > experience then my .... you've a big problem !
> >
> > 73,Hans,PA3HGT
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>
> Message: 3
> Date: Mon, 16 Aug 2004 05:18:46 +0200
> From: "Thomas Herrmann" <dl1amq@...>
> Subject: Re: service Acom
>
> NOT AT ALL !
> Hello Hans,
> in opposition, I got a notable good service with VERY pricise information
about "how to do" for 3 times.
> Make sure, You use the right e-mail address:
>
> ACOM@...
>
> that worke for me. I got all the information during hours.
> Really a GREAT service !
>
> 73 de Thomas, DL1AMQ
>
>
> list@yahoogroups.com schrieb am 15.08.04 14:50:04:
> >
> > Hello All,
> >
> > I own a Acom 1000 with a great joy but i have some qeustions about the
> > service from Acom.
> > I did sent several emails to Acom and no reply ....
> > Are there any users with the same problem ?
> > I had some questions about a front panel of a Acom 1000 and no
> > response!
> > Are there users of this nice product with the same experiences ?
> > Because ... when you've a serious problem ..... and you've the same
> > experience then my .... you've a big problem !
> >

> > 73,Hans,PA3HGT
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Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.737 / Virus Database: 491 - Release Date: 11/08/2004

1201. External Cooling Fan for 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-21 19:40:46 UTC
From: Dave Hawes
Topic: 1201 Message: 1201

I have purchased from Acom the external supplemental cooling fan for the 2000A. It came with no mounting hardware, nor installation instructions.

To minimize down time, I would appreciate it if someone who has made this mod send me a short list of necessary hardware, plus wiring instructions. It can't be rocket science, but it would help to have some pointers from someone who has done this already.

Thanks in advance.

73 - Dave N3RD

1202. Re: [acom-list] External Cooling Fan for 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-21 21:00:45 UTC
From: David J. Strout - W2YC
Topic: 1201 Message: 1202

With the xfmer out and looking at the fan from inside the unit, there is a tiny pc board right to the left. It is marked for + and - and the fan connects there. Either solder leads from the fan of make up ur own connection as I have done. Fan mounts to rear with air inflowing. Hopes this helps, Dave
73, Dave, W2YC
----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, August 21, 2004 19:40
Subject: [acom-list] External Cooling Fan for 2000A

I have purchased from Acom the external supplemental cooling fan for
the 2000A. It came with no mounting hardware, nor installation
instructions.

To minimize down time, I would appreciate it if someone who has made
this mod send me a short list of necessary hardware, plus wiring
instructions. It can't be rocket science, but it would help to have
some pointers from someone who has done this already.

Thanks in advance.

73 - Dave N3RD

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[Non-text portions of this message have been removed]

1203. RE: [acom-list] External Cooling Fan for 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-21 23:29:52 UTC
From: N2TK
Topic: 1201 Message: 1203

Hi Dave,

Also, you may want to consider adding a filter to the inlet of the external fan. I cut a square out of a furnace filter and attached it to the fan. I change the filter every year. So far it has kept the inside of the 2000a clean.
N2TK, Tony

-----Original Message-----
From: David J. Strout - W2YC [mailto:djsatty@...]
Sent: Saturday, August 21, 2004 5:01 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] External Cooling Fan for 2000A

With the xfmer out and looking at the fan from inside the unit, there is a tiny pc board right to the left. It is marked for + and - and the fan connects there. Either solder leads from the fan of make up ur own connection as I have done. Fan mounts to rear with air inflowing. Hopes this helps, Dave
73, Dave, W2YC
----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, August 21, 2004 19:40
Subject: [acom-list] External Cooling Fan for 2000A

I have purchased from Acom the external supplemental cooling fan for the 2000A. It came with no mounting hardware, nor installation instructions.

To minimize down time, I would appreciate it if someone who has made this mod send me a short list of necessary hardware, plus wiring instructions. It can't be rocket science, but it would help to have some pointers from someone who has done this already.

Thanks in advance.

73 - Dave N3RD

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[Non-text portions of this message have been removed]

1204. Re: service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-25 16:50:35 UTC
From: Hans , PA3HGT
Topic: 1197 Message: 1204

Hello Thomas,

I can't see the whole emailadress of Acom , can you send it to me ?
I got 2 emailadresses of N2TK (thanks Tony) : will@... and
info@... and i sent an email but no answer since a week.
Thanks in advance,

Hans,PA3HGT

--- In acom-list@yahoogroups.com, "Thomas Herrmann" <dl1amq@w...>
wrote:
> NOT AT ALL !
> Hello Hans,
> in opposition, I got a notable good service with VERY pricise
information about "how to do" for 3 times.
> Make sure, You use the right e-mail address:
>
> ACOM@m...
>
> that worke for me. I got all the information during hours.
> Really a GREAT service !
>
> 73 de Thomas, DL1AMQ
>
>
> list@yahoogroups.com schrieb am 15.08.04 14:50:04:
> >
> > Hello All,
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about the
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> > I did sent several emails to Acom and no reply ....
> > Are there any users with the same problem ?
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> > Are there users of this nice product with the same experiences ?
> > Because ... when you've a serious problem ..... and you've the
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> > experience then my .... you've a big problem !
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> > 73,Hans,PA3HGT
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1205. for PA3HGT only (acom-service)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-26 11:49:08 UTC
From: Thomas Herrmann
Topic: 1205 Message: 1205

sorry, Hans,

I lost Your e-mail address before answering. Please, find annexed a short answer I got during last few weeks from acom. That address "acom-at-mail.orbitel.bg" works for me verry well.

73 de Thomas, DL1AMQ

<acom@...> schrieb am 26.07.04 15:13:09:

OK Thomas,

Most likely, the problem is ...

73 de Stan LZ1IU
Sofia, 26 July 2004.

_____
Verschicken Sie romantische, coole und witzige Bilder per SMS!
Jetzt neu bei WEB.DE FreeMail: http://freemail.web.de/?mc=021193

1206. AW: [acom-list] Re: service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-26 13:14:40 UTC
From: Herrmann, Thomas
Topic: 1206 Message: 1206

hello Hans,
I got Your address back.
So, please contact ACOM CCD via address:

acom@...

that address works well with me.

73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: Hans , PA3HGT [mailto:pluijgers@...]
Gesendet: Mittwoch, 25. August 2004 18:51
An: acom-list@yahoogroups.com
Betreff: [acom-list] Re: service Acom

Hello Thomas,

I can't see the whole emailadress of Acom , can you send it to me ?
I got 2 emailadresses of N2TK (thanks Tony) : will@... and
info@acom-intl.com and i sent an email but no answer since a week.
Thanks in advance,

Hans,PA3HGT

--- In acom-list@yahoogroups.com, "Thomas Herrmann" <dl1amq@w...>
wrote:
> NOT AT ALL !
> Hello Hans,
> in opposition, I got a notable good service with VERY pricise
information about "how to do" for 3 times.
> Make sure, You use the right e-mail address:
>
> ACOM@m...
>
> that worke for me. I got all the information during hours.
> Really a GREAT service !
>
> 73 de Thomas, DL1AMQ
>
>
> list@yahoogroups.com schrieb am 15.08.04 14:50:04:
> >
> > Hello All,
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> > experience then my .... you've a big problem !
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> > 73,Hans,PA3HGT
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1207. Re: [acom-list]acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-26 20:24:52 UTC
From: mike hardy
Topic: 1207 Message: 1207

hi ?
any body bought the new acom 1010 700w linear yet ? i have been thinking of buying a amp looked at all the other amps and the acom comes out great, just wanted to know other amateurs feed back on the acom 1010 ?
Mike Hardy
M0FCG - M1KEY - 2E0KEY
mob - 07791754432
email: m0fcg1@...

1208. Re: service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-27 13:44:05 UTC
From: Hans , PA3HGT
Topic: 1206 Message: 1208

Thanks Thomas !! I did sent an email and maybe i got an answer
back !!

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "Herrmann, Thomas"
<Thomas.Herrmann@j...> wrote:
> hello Hans,
> I got Your address back.
> So, please contact ACOM CCD via address:
>
> acom@m...
>
> that address works well with me.
>
> 73 de Thomas, DL1AMQ
>
> -----Ursprüngliche Nachricht-----
> Von: Hans , PA3HGT [mailto:pluijgers@z...]
> Gesendet: Mittwoch, 25. August 2004 18:51
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: service Acom
>
>
> Hello Thomas,
>
> I can't see the whole emailadress of Acom , can you send it to me ?
> I got 2 emailadresses of N2TK (thanks Tony) : will@m... and
> info@a... and i sent an email but no answer since a week.
> Thanks in advance,
>
> Hans,PA3HGT
>
>
>
> --- In acom-list@yahoogroups.com, "Thomas Herrmann" <dl1amq@w...>
> wrote:
> > NOT AT ALL !
> > Hello Hans,
> > in opposition, I got a notable good service with VERY pricise
> information about "how to do" for 3 times.
> > Make sure, You use the right e-mail address:
> >
> > ACOM@m...
> >

> > that worke for me. I got all the information during hours.
> > Really a GREAT service !
> >
> > 73 de Thomas, DL1AMQ
> >
> >
> > list@yahoogroups.com schrieb am 15.08.04 14:50:04:
> > >
> > > Hello All,
> > >
> > > I own a Acom 1000 with a great joy but i have some qeustions
> about the
> > > service from Acom.
> > > I did sent several emails to Acom and no reply ....
> > > Are there any users with the same problem ?
> > > I had some questions about a front panel of a Acom 1000 and no
> > > response!
> > > Are there users of this nice product with the same
experiences ?
> > > Because ... when you've a serious problem ..... and you've the
> same
> > > experience then my .... you've a big problem !
> > >
> > > 73,Hans,PA3HGT
> > >
> > >
> > >
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com
> > > Yahoo! Groups Links
> > >
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> > >
> > >
> > >
> > >
> > >
> > > _____
> > > WEB.DE Video-Mail - Sagen Sie mehr mit bewegten Bildern
> > > Informationen unter: http://freemail.web.de/?mc=021199
> >
> >
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@...m
> > Yahoo! Groups Links

1209. AW: [acom-list] Re: service Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-27 14:02:10 UTC
From: Herrmann, Thomas
Topic: 1206 Message: 1209

I keep my fingers crossed, Hans.
73 & cuagn. Thomas

-----Ursprüngliche Nachricht-----
Von: Hans , PA3HGT [mailto:pluijgers@...]
Gesendet: Freitag, 27. August 2004 15:44
An: acom-list@yahoogroups.com
Betreff: [acom-list] Re: service Acom

Thanks Thomas !! I did sent an email and maybe i got an answer
back !!

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "Herrmann, Thomas"
<Thomas.Herrmann@j...> wrote:
> hello Hans,
> I got Your address back.
> So, please contact ACOM CCD via address:
>
> acom@m...
>
> that address works well with me.
>
> 73 de Thomas, DL1AMQ
>
> -----Ursprüngliche Nachricht-----
> Von: Hans , PA3HGT [mailto:pluijgers@z...]
> Gesendet: Mittwoch, 25. August 2004 18:51
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: service Acom
>
>
> Hello Thomas,
>
> I can't see the whole emailadress of Acom , can you send it to me ?
> I got 2 emailadresses of N2TK (thanks Tony) : will@m... and
> info@a... and i sent an email but no answer since a week.
> Thanks in advance,
>
> Hans,PA3HGT
>
>
>
> --- In acom-list@yahoogroups.com, "Thomas Herrmann" <dl1amq@w...>
> wrote:

> > NOT AT ALL !
> > Hello Hans,
> > in opposition, I got a notable good service with VERY pricise
> information about "how to do" for 3 times.
> > Make sure, You use the right e-mail address:
> >
> > ACOM@m...
> >
> > that worke for me. I got all the information during hours.
> > Really a GREAT service !
> >
> > 73 de Thomas, DL1AMQ
> >
> >
> > list@yahoogroups.com schrieb am 15.08.04 14:50:04:
> > >
> > > Hello All,
> > >
> > > I own a Acom 1000 with a great joy but i have some qeustions
> about the
> > > service from Acom.
> > > I did sent several emails to Acom and no reply ....
> > > Are there any users with the same problem ?
> > > I had some questions about a front panel of a Acom 1000 and no
> > > response!
> > > Are there users of this nice product with the same
experiences ?
> > > Because ... when you've a serious problem ..... and you've the
> same
> > > experience then my .... you've a big problem !
> > >
> > > 73,Hans,PA3HGT
> > >
> > >
> > >
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com
> > > Yahoo! Groups Links
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> >
> > _____
> > WEB.DE Video-Mail - Sagen Sie mehr mit bewegten Bildern
> > Informationen unter: http://freemail.web.de/?mc=021199

>
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

1210. ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-08-31 23:20:39 UTC
From: jimgrunner
Topic: 1210 Message: 1210

I am wondering if ACOM is still in business. I have sent them email and called them directly with no response. It is possible that they are all on vacation now. I was looking for the price and availibility of the ACOM 2000a. I imagine that there is someone on this list who has recently bought this amp and can share this information.

tnx, 73
Jim, AD6WL

1211. Re: [acom-list] ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 03:32:22 UTC
From: k0dan
Topic: 1210 Message: 1211

They're sometimes like that Jim. Probably not what you want if you have a critical question, but your experience has been shared by some of us. The good news is, when you do get a hold of them, they will go out of their way to take care of you.
GL&73,
Dan
----- Original Message -----
From: "jimgrunner" <IronmanY2K@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, August 31, 2004 18:20
Subject: [acom-list] ACOM 2000a info needed.

> I am wondering if ACOM is still in business. I have sent them email
> and called them directly with no response. It is possible that they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL
>
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
>
>
>
>
>
>

1212. Re: [acom-list] ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 09:21:51 UTC
From: Marcel Jorba
Topic: 1210 Message: 1212

Hia

I've just bought a 2000A last week from them

--- jimgrunner <IronmanY2K@...> wrote:

> I am wondering if ACOM is still in business. I have
> sent them email
> and called them directly with no response. It is
> possible that they
> are all on vacation now. I was looking for the
> price and
> availibility of the ACOM 2000a. I imagine that
> there is someone on
> this list who has recently bought this amp and can
> share this
> information.
>
> tnx, 73
> Jim, AD6WL
>
>

_____
Do you Yahoo!?
New and Improved Yahoo! Mail - 100MB free storage!
http://promotions.yahoo.com/new_mail

1213. Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 10:39:38 UTC
From: Hans , PA3HGT
Topic: 1210 Message: 1213

Hello Jim,

I have this problem for month's !
I did sent several mail to several adresses :

will@...
info@...
acom@....bg
k6nd@...

and no reply!
I did sent a email several days ago and no reply again.
I am busy for month's to get a single reply from Acom
What i think that you can't treat (future) costumers like that.
For the rest i heard a rumor that Acom is in trouble ?
Maybe a few serious reviews about support on eham will help...
For myself i recommend Acom no more for my friends because i´ve
bad experiences about email contact with Acom.

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...> wrote:
> I am wondering if ACOM is still in business. I have sent them email
> and called them directly with no response. It is possible that they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

1214. Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 10:44:22 UTC
From: Hans , PA3HGT
Topic: 1210 Message: 1214

Hello Jim,

I have this problem for month's !
I did sent several mail to several adresses :

will@...
info@...
acom@....bg
k6nd@...

and no reply!
I did sent a email several days ago and no reply again.
I am busy for month's to get a single reply from Acom
What i think that you can't treat (future) costumers like that.
For the rest i heard a rumor that Acom is in trouble ?
Maybe a few serious reviews about support on eham will help...
For myself i recommend Acom no more for my friends because i´ve
bad experiences about email contact with Acom.

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
wrote:
> I am wondering if ACOM is still in business. I have sent them
email
> and called them directly with no response. It is possible that
they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

1215. Re: [acom-list] 2000A Frequency program?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 14:47:08 UTC
From: k2qmf@juno.com
Topic: 1191 Message: 1215

Hi Carl,

I was wondering if you were able to get any
information in order to write a control program
for the Acom 2000A ???

Many Thanks in advance, 73, Ted K2QMF YCCC

On Mon, 2 Aug 2004 00:29:06 -0000 "Carl Moreschi" <n4py@...>
writes:
> I have radio control programs that work with most TenTec, Icom, and
> Kenwood
> radios. These programs will also work with all logging programs
> that
> support the tentec file interface (which is most logging programs).
> I
> dodn't realize the Acom 2000 had direct frequency entry. I have an
> Acom
> 1000 which of course is manual tune only. I will try to get a spec
> from
> Krassy so I can add support to my software for the Acom 2000. See
> my
> webpage at www.n4py.com.
>
> 73,
>
> Carl Moreschi N4PY
> Franklinton, NC
> ----- Original Message -----
> From: <k2qmf@...>
> To: <acom-list@yahoogroups.com>
> Cc: <acom-list@yahoogroups.com>
> Sent: Monday, August 02, 2004 12:22 AM
> Subject: Re: [acom-list] 2000A Frequency program?
>
>
> > Hi Bruce,
> >
> > Well, I don't use LogEQF. In fact I use XMLog most of the time.
> > But what I am looking for is a small program that will work with
> any of
> > the logging programs buy opening up a separate window to type in
> the
> > new frequency...
> >
> > 73, Ted K2QMF

> >
> > On Sun, 1 Aug 2004 19:50:07 -0400 "B Martn"
> <bmarton@...>
> > writes:
> > > Ted,
> > > I spoke to Tom Dandrea N3EQF who sells the Log EQF logging
> program
> > > about
> > > doing a version that would interface with the Acom.
> > > He said that if there was enough interest, he might be able to
> work
> > > his
> > > software around. Contact him and tell him you are interested,
> I
> > > asked
> > > him to do it and if he gets several calls, he might go for it.
> > > Bruce K1XR
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: k2qmf@... [mailto:k2qmf@...]
> > > Sent: Sunday, August 01, 2004 7:44 PM
> > > To: acom-list@yahoogroups.com
> > > Cc: acom@...
> > > Subject: [acom-list] 2000A Frequency program?
> > >
> > > Hello All,
> > >
> > > I am looking for a small program that would work with Acom
> Tools,
> > > much
> > > like
> > > Writelog does. You would open a small window and type a
> frequency
> > > into
> > > the window and when you hit Enter the Acom 2000A would go to
> that
> > > frequency.
> > >
> > > This would allow you to change frequencies without keying the
> > > amplifier.
> > >
> > > Is there a program similar to this available or can someone
> write
> > > it??
> > >
> > > Many Thanks in advance and 73, Ted K2QMF
> > >
> > >

> _____
> > > The best thing to hit the Internet in years - Juno SpeedBand!
> > > Surf the Web up to FIVE TIMES FASTER!
> > > Only $14.95/ month - visit www.juno.com to sign up today!
> > >
> > >
> > > To unsubscribe, send an empty message to:
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> > > acom-list-unsubscribe@yahoogroups.com
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> > >
> > > Yahoo! Groups Sponsor
> > >
> > >
> > > ADVERTISEMENT
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> >
>
<http://us.ard.yahoo.com/SIG=129tv5jq8/M=295196.4901138.6071305.3001176/
> > >
> >
>
D=groups/S=1705063108:HM/EXP=1091490324/A=2128215/R=0/SIG=10se96mf6/*htt
> > > p:/companion.yahoo.com> click here
> > >
> > >
> > >
> >
>
<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=group
> > > s/S=:HM/A=2128215/rand=165930829>
> > >
> > > _____
> > >
> > > Yahoo! Groups Links
> > > * To visit your group on the web, go to:
> > >
> > >
> > > * To unsubscribe from this group, send an email to:
> > > acom-list-unsubscribe@yahoogroups.com
> > >
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to the Yahoo!
> Terms
> > > of

> > > <http://docs.yahoo.com/info/terms/> Service.
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------ Yahoo! Groups Sponsor
> >
> > >
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com
> > > Yahoo! Groups Links
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> > ____
> > The best thing to hit the Internet in years - Juno SpeedBand!
> > Surf the Web up to FIVE TIMES FASTER!
> > Only $14.95/ month - visit www.juno.com to sign up today!
> >
> >
> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@yahoogroups.com
> > Yahoo! Groups Links
> >
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> >
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>
>
>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~-->
> Yahoo! Domains - Claim yours for only $14.70
> http://us.click.yahoo.com/Z1wmxD/DREIAA/yQLSAA/ELTolB/TM
> ---~->

>
>

> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
>
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>

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

1216. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 15:59:15 UTC
From: john devoldere
Topic: 1210 Message: 1216

I contacted the big boss at ACOM on this subject and below is the the answer
I received:
73
John, ON4UN

Hello John,

Please see the last message we sent to Hans:

Dear Mr. Pluijgers,

I have answered all your e-mails but all have been bounced off as
undelivered. There is something wrong with your server and I wonder whether
this will reach you.
Sorry, we do not have pictures of HAM-shacks with ACOM amplifiers. Perhaps
you can download such pictures from various web sites.
The ACOM 1010 will be marketed in December 2004.

Best regards,

Mrs. Lydia Vassileva
ACOM Bulgaria

----- Original Message -----
From: "Hans , PA3HGT" <pluijgers@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 10:39 AM
Subject: [acom-list] Re: ACOM 2000a info needed.

Hello Jim,

I have this problem for month's !
I did sent several mail to several adresses :

will@...
info@...
acom@...
k6nd@...

and no reply!
I did sent a email several days ago and no reply again.
I am busy for month's to get a single reply from Acom
What i think that you can't treat (future) costumers like that.
For the rest i heard a rumor that Acom is in trouble ?
Maybe a few serious reviews about support on eham will help...
For myself i recommend Acom no more for my friends because i?ve
bad experiences about email contact with Acom.

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...> wrote:
> I am wondering if ACOM is still in business. I have sent them email
> and called them directly with no response. It is possible that they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

1217. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 17:11:43 UTC
From: Clay Curtiss W7CE
Topic: 1210 Message: 1217

It took me two tries to get a response from Acom. I asked for a complete price list of products and only got pricing for the two amps that I mentioned by part number. I generally don't do business with companies that don't publish their price list, and only contacted Acom because their products look so very good. I don't know why they don't just publish the prices on the web. It would probably cut down their email volume and let them answer other emails in a more timely fashion. Maybe they are quoting different prices to different customers for some reason. Based on the slow responses that I and lots of other folks receive, and the apparent secrecy of the pricing, I think I'll look elsewhere for an amp. If Acom changes the "Price" link at www.hfpower.com to point to an actual price list rather than opening an email window, I'll reconsider.

Clay
W7CE

----- Original Message -----
From: "Hans , PA3HGT" <pluijgers@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 3:44 AM
Subject: [acom-list] Re: ACOM 2000a info needed.

Hello Jim,

I have this problem for month's !
I did sent several mail to several adresses :

will@...
info@...
acom@...
k6nd@...

and no reply!
I did sent a email several days ago and no reply again.
I am busy for month's to get a single reply from Acom
What i think that you can't treat (future) costumers like that.
For the rest i heard a rumor that Acom is in trouble ?
Maybe a few serious reviews about support on eham will help...
For myself i recommend Acom no more for my friends because i?ve bad experiences about email contact with Acom.

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
wrote:
> I am wondering if ACOM is still in business. I have sent them
email

> and called them directly with no response. It is possible that
they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

1218. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-01 18:57:30 UTC
From: curtis BURKE
Topic: 1210 Message: 1218

About a year ago I purchased a pair of Acom 1000's from the UK dealer Vine Antennas... both work faultlessly and are the best quality items of Ham equipment that I have ever owned! Hey stick with it guys the best is always worth the extra effort! Ron at Vine Antennas is a very honest realistic dealer who sells top equipment... and I know wouldn't even consider for a minute, selling some of the other brands on offer - even if they offered a higher margin...

Thanks go to Ron and the Acom team for bringing us some quality equipment...
73 de Curtis MW0USK
----- Original Message -----
From: Clay Curtiss W7CE
To: acom-list@yahoogroups.com
Sent: Wednesday, September 01, 2004 6:11 PM
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

It took me two tries to get a response from Acom. I asked for a complete price list of products and only got pricing for the two amps that I mentioned by part number. I generally don't do business with companies that don't publish their price list, and only contacted Acom because their products look so very good. I don't know why they don't just publish the prices on the web. It would probably cut down their email volume and let them answer other emails in a more timely fashion. Maybe they are quoting different prices to different customers for some reason. Based on the slow responses that I and lots of other folks receive, and the apparent secrecy of the pricing, I think I'll look elsewhere for an amp. If Acom changes the "Price" link at www.hfpower.com to point to an actual price list rather than opening an email window, I'll reconsider.

Clay
W7CE

----- Original Message -----
From: "Hans , PA3HGT" <pluijgers@zeelandnet.nl>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 3:44 AM
Subject: [acom-list] Re: ACOM 2000a info needed.

Hello Jim,

I have this problem for month's !
I did sent several mail to several adresses :

will@...
info@...
acom@...tel.bg
k6nd@...

and no reply!
I did sent a email several days ago and no reply again.
I am busy for month's to get a single reply from Acom
What i think that you can't treat (future) costumers like that.
For the rest i heard a rumor that Acom is in trouble ?
Maybe a few serious reviews about support on eham will help...
For myself i recommend Acom no more for my friends because i´ve
bad experiences about email contact with Acom.

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
wrote:
> I am wondering if ACOM is still in business. I have sent them
email
> and called them directly with no response. It is possible that
they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com
Yahoo! Groups Links

To unsubscribe, send an empty message to:

acom-list-unsubscribe@yahoogroups.com

Yahoo! Groups Sponsor

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1219. Re: [acom-list] ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 00:35:24 UTC
From: VA3MW - Port Credit
Topic: 1210 Message: 1219

They are still around, just call them directly.

As an example, I stopped in at the office near Boston and said I wanted an A1000 and wanted to pay via credit card.

What I was told, take the amp with me (back to Canada) and send them a money order. This all done over a hand shake.

Mike VA3MW

----- Original Message -----
From: "Marcel Jorba" <ea3in@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 5:21 AM
Subject: Re: [acom-list] ACOM 2000a info needed.

> Hia
>
> I've just bought a 2000A last week from them
>
>
> --- jimgrunner <IronmanY2K@...> wrote:
>
> > I am wondering if ACOM is still in business. I have
> > sent them email
> > and called them directly with no response. It is
> > possible that they
> > are all on vacation now. I was looking for the
> > price and
> > availibility of the ACOM 2000a. I imagine that
> > there is someone on
> > this list who has recently bought this amp and can
> > share this
> > information.
> >
> > tnx, 73
> > Jim, AD6WL
> >
> >
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>
> _____
> Do you Yahoo!?

> New and Improved Yahoo! Mail - 100MB free storage!
> http://promotions.yahoo.com/new_mail
>
>
>
> To unsubscribe, send an empty message to:
>
> acom-list-unsubscribe@yahoogroups.com
> Yahoo! Groups Links
>
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>

1220. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 03:05:32 UTC
From: k0dan
Topic: 1210 Message: 1220

Folks, in fairness, you need to contact the local distrubutor in your country, or if you contact Acom International, you need to ask them where they can sell a certain product, what its price is, and who the local distributors are.

In the USA, amps need to meet different import requirements than in Canada, Netherlands, or other countries. It may not make sense to us users, but those are the rules & regs that RF equipment manufacturers have to live with. Perhaps they could communicate these facts better, but sometimes they don't

Fact is, the marketplace is different around the world.

dt
----- Original Message -----
From: "Clay Curtiss W7CE" <w7ce@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 12:11
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

> It took me two tries to get a response from Acom. I asked for a complete
> price list of products and only got pricing for the two amps that I
> mentioned by part number. I generally don't do business with companies
that
> don't publish their price list, and only contacted Acom because their
> products look so very good. I don't know why they don't just publish the
> prices on the web. It would probably cut down their email volume and let
> them answer other emails in a more timely fashion. Maybe they are quoting
> different prices to different customers for some reason. Based on the
slow
> responses that I and lots of other folks receive, and the apparent secrecy
> of the pricing, I think I'll look elsewhere for an amp. If Acom changes
the
> "Price" link at www.hfpower.com to point to an actual price list rather
than
> opening an email window, I'll reconsider.
>
> Clay
> W7CE
>
> ----- Original Message -----
> From: "Hans , PA3HGT" <pluijgers@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 3:44 AM
> Subject: [acom-list] Re: ACOM 2000a info needed.
>

>
> Hello Jim,
>
> I have this problem for month's !
> I did sent several mail to several adresses :
>
> will@...
> info@...
> acom@...
> k6nd@...
>
>
> and no reply!
> I did sent a email several days ago and no reply again.
> I am busy for month's to get a single reply from Acom
> What i think that you can't treat (future) costumers like that.
> For the rest i heard a rumor that Acom is in trouble ?
> Maybe a few serious reviews about support on eham will help...
> For myself i recommend Acom no more for my friends because i?ve
> bad experiences about email contact with Acom.
>
> 73,Hans,PA3HGT
>
>
> --- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
> wrote:
> > I am wondering if ACOM is still in business. I have sent them
> email
> > and called them directly with no response. It is possible that
> they
> > are all on vacation now. I was looking for the price and
> > availibility of the ACOM 2000a. I imagine that there is someone on
> > this list who has recently bought this amp and can share this
> > information.
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> > tnx, 73
> > Jim, AD6WL
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1221. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 06:27:05 UTC
From: Clay Curtiss W7CE
Topic: 1210 Message: 1221

My comments were specifically about their US distributor. As mentioned in my email, I went to www.hfpower.com (their US distributor) and clicked on "Price" which brought up an email window addressed to k6nd@.... As far as I know this is the only US distributor. If there is another US distributor please let me know and I'll talk to them. I've read through the posts to this group and lack of responsiveness to email seems to be constantly recurring problem with this distributor. Maybe the "big boss" in Bulgaria should look for a US distributor who likes to communicate with potential customers (a high priority with most salesmen). One shouldn't have to stop at the office in Boston to get exceptional service.

Clay
W7CE

----- Original Message -----
From: "k0dan" <k0dan@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, September 01, 2004 8:05 PM
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

> Folks, in fairness, you need to contact the local distrubutor in your
> country, or if you contact Acom International, you need to ask them where
> they can sell a certain product, what its price is, and who the local
> distributors are.
>
> In the USA, amps need to meet different import requirements than in
Canada,
> Netherlands, or other countries. It may not make sense to us users, but
> those are the rules & regs that RF equipment manufacturers have to live
> with. Perhaps they could communicate these facts better, but sometimes
they
> don't
>
> Fact is, the marketplace is different around the world.
>
> dt
> ----- Original Message -----
> From: "Clay Curtiss W7CE" <w7ce@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 12:11
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
>
> > It took me two tries to get a response from Acom. I asked for a
complete
> > price list of products and only got pricing for the two amps that I

> > mentioned by part number. I generally don't do business with companies
> that
> > don't publish their price list, and only contacted Acom because their
> > products look so very good. I don't know why they don't just publish
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> > prices on the web. It would probably cut down their email volume and
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> > them answer other emails in a more timely fashion. Maybe they are
quoting
> > different prices to different customers for some reason. Based on the
> slow
> > responses that I and lots of other folks receive, and the apparent
secrecy
> > of the pricing, I think I'll look elsewhere for an amp. If Acom changes
> the
> > "Price" link at www.hfpower.com to point to an actual price list rather
> than
> > opening an email window, I'll reconsider.
> >
> > Clay
> > W7CE
> >
> > ----- Original Message -----
> > From: "Hans , PA3HGT" <pluijgers@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, September 01, 2004 3:44 AM
> > Subject: [acom-list] Re: ACOM 2000a info needed.
> >
> >
> > Hello Jim,
> >
> > I have this problem for month's !
> > I did sent several mail to several adresses :
> >
> > will@...
> > info@...
> > acom@...
> > k6nd@...
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> >
> > and no reply!
> > I did sent a email several days ago and no reply again.
> > I am busy for month's to get a single reply from Acom
> > What i think that you can't treat (future) costumers like that.
> > For the rest i heard a rumor that Acom is in trouble ?
> > Maybe a few serious reviews about support on eham will help...
> > For myself i recommend Acom no more for my friends because i?ve
> > bad experiences about email contact with Acom.
> >
> > 73,Hans,PA3HGT

> >
> >
> > --- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
> > wrote:
> > > I am wondering if ACOM is still in business. I have sent them
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> > > are all on vacation now. I was looking for the price and
> > > availibility of the ACOM 2000a. I imagine that there is someone on
> > > this list who has recently bought this amp and can share this
> > > information.
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> > > tnx, 73
> > > Jim, AD6WL
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> > To unsubscribe, send an empty message to:
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> > acom-list-unsubscribe@yahoogroups.com
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> Yahoo! Groups Links
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1222. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 10:40:04 UTC
From: Bob Naumann - N5NJ
Topic: 1210 Message: 1222

Did you call them on the telephone?

> ------------Original Message------------
> From: "Clay Curtiss W7CE" <w7ce@...>
> To: acom-list@yahoogroups.com
> Date: Thu, Sep-2-2004 1:20 AM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
> My comments were specifically about their US distributor. As mentioned
> in
> my email, I went to www.hfpower.com (their US distributor) and clicked
> on
> "Price" which brought up an email window addressed to k6nd@....
> As
> far as I know this is the only US distributor. If there is another US
> distributor please let me know and I'll talk to them. I've read
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> posts to this group and lack of responsiveness to email seems to be
> constantly recurring problem with this distributor. Maybe the "big
> boss" in
> Bulgaria should look for a US distributor who likes to communicate with
> potential customers (a high priority with most salesmen). One
> shouldn't
> have to stop at the office in Boston to get exceptional service.
>
>
>
> Clay
> W7CE
>
> ----- Original Message -----
> From: "k0dan" <k0dan@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 8:05 PM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
>
> > Folks, in fairness, you need to contact the local distrubutor in your
> > country, or if you contact Acom International, you need to ask them
> where
> > they can sell a certain product, what its price is, and who the local
> > distributors are.
> >
> > In the USA, amps need to meet different import requirements than in
> Canada,

> > Netherlands, or other countries. It may not make sense to us users,
> but
> > those are the rules & regs that RF equipment manufacturers have to
> live
> > with. Perhaps they could communicate these facts better, but
> sometimes
> they
> > don't
> >
> > Fact is, the marketplace is different around the world.
> >
> > dt
> > ----- Original Message -----
> > From: "Clay Curtiss W7CE" <w7ce@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, September 01, 2004 12:11
> > Subject: Re: [acom-list] Re: ACOM 2000a info needed.
> >
> >
> > > It took me two tries to get a response from Acom. I asked for a
> complete
> > > price list of products and only got pricing for the two amps that I
> > > mentioned by part number. I generally don't do business with
> companies
> > that
> > > don't publish their price list, and only contacted Acom because
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> > > prices on the web. It would probably cut down their email volume
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> > > them answer other emails in a more timely fashion. Maybe they are
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> > > responses that I and lots of other folks receive, and the apparent
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> > > of the pricing, I think I'll look elsewhere for an amp. If Acom
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> > the
> > > "Price" link at www.hfpower.com to point to an actual price list
> rather
> > than
> > > opening an email window, I'll reconsider.
> > >
> > > Clay
> > > W7CE

> > >
> > > ----- Original Message -----
> > > From: "Hans , PA3HGT" <pluijgers@...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, September 01, 2004 3:44 AM
> > > Subject: [acom-list] Re: ACOM 2000a info needed.
> > > >
> > > >
> > > > Hello Jim,
> > > >
> > > > I have this problem for month's !
> > > > I did sent several mail to several adresses :
> > > >
> > > > will@...
> > > > info@...
> > > > acom@...
> > > > k6nd@...
> > > >
> > > >
> > > > and no reply!
> > > > I did sent a email several days ago and no reply again.
> > > > I am busy for month's to get a single reply from Acom
> > > > What i think that you can't treat (future) costumers like that.
> > > > For the rest i heard a rumor that Acom is in trouble ?
> > > > Maybe a few serious reviews about support on eham will help...
> > > > For myself i recommend Acom no more for my friends because iï¿½ve
> > > > bad experiences about email contact with Acom.
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> > > > 73,Hans,PA3HGT
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> > > > --- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
> > > > wrote:
> > > > > I am wondering if ACOM is still in business. I have sent them
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> > > > > and called them directly with no response. It is possible that
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> > > > > information.
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> > > > > tnx, 73
> > > > > Jim, AD6WL
> > > >
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> > > >
> > > > To unsubscribe, send an empty message to:

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1223. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 13:40:03 UTC
From: Clay Curtiss W7CE
Topic: 1210 Message: 1223

Why? Doesn't their email work? If they want us to call for pricing, then the "Price" link should bring up a phone number not an email window. My real question is: why are the prices such a closely held secret? Acom is the only ham radio product that I haven't been able to find pricing for. I'm always suspicious of companies that won't advertise their prices. It reminds me of the car salesman who tells you the monthly payment when you ask the price of the car. Not exactly the same, but similar feeling.

----- Original Message -----
From: "Bob Naumann - N5NJ" <n5nj@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, September 02, 2004 3:40 AM
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

Did you call them on the telephone?

> ------------Original Message------------
> From: "Clay Curtiss W7CE" <w7ce@...>
> To: acom-list@yahoogroups.com
> Date: Thu, Sep-2-2004 1:20 AM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
> My comments were specifically about their US distributor. As mentioned
> in
> my email, I went to www.hfpower.com (their US distributor) and clicked
> on
> "Price" which brought up an email window addressed to k6nd@....
> As
> far as I know this is the only US distributor. If there is another US
> distributor please let me know and I'll talk to them. I've read
> through the
> posts to this group and lack of responsiveness to email seems to be
> constantly recurring problem with this distributor. Maybe the "big
> boss" in
> Bulgaria should look for a US distributor who likes to communicate with
> potential customers (a high priority with most salesmen). One
> shouldn't
> have to stop at the office in Boston to get exceptional service.
>
>
>
> Clay
> W7CE
>
> ----- Original Message -----
> From: "k0dan" <k0dan@...>

> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 8:05 PM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
>
> > Folks, in fairness, you need to contact the local distrubutor in your
> > country, or if you contact Acom International, you need to ask them
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> > they can sell a certain product, what its price is, and who the local
> > distributors are.
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> > In the USA, amps need to meet different import requirements than in
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> > those are the rules & regs that RF equipment manufacturers have to
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> > with. Perhaps they could communicate these facts better, but
> sometimes
> they
> > don't
> >
> > Fact is, the marketplace is different around the world.
> >
> > dt
> > ----- Original Message -----
> > From: "Clay Curtiss W7CE" <w7ce@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, September 01, 2004 12:11
> > Subject: Re: [acom-list] Re: ACOM 2000a info needed.
> >
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> > > It took me two tries to get a response from Acom. I asked for a
> complete
> > > price list of products and only got pricing for the two amps that I
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> > than
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> > > Clay
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> > > ----- Original Message -----
> > > From: "Hans , PA3HGT" <pluijgers@...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, September 01, 2004 3:44 AM
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Yahoo! Groups Links

1224. RE: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 14:04:02 UTC
From: B Martn
Topic: 1210 Message: 1224

In defense of those companies that do not publish pricing, it☐s usually do to uncontrolled price changes in either certain ☐ingredients☐ or currency fluctuations.

I am in a business that absolutely will NEVER publish pricing. Our raw material costs and/or finished goods, some of which are imported and getting murdered by the wild fluctuations in the value of the US Dollar vs. the Euro make it impossible to print a price. You just have to call and we will be happy to quote you. If you cannot live with this type of situation, whether it☐s our outfit or Acom; then vote for a party that doesn☐t build massive deficits. It☐s the huge quantity of red ink, hence unstable interest rates, hence unstable US Dollar valuation, hence high inflationary pressures, that lead to the inability of commodity based products to be sold via a price list. Sorry, but that☐s life. It☐s not that we are ☐used car☐ salesman or unscrupulous, we are only trying to survive and not sell a product for less than it cost to produce.

Take one look inside of an Acom, and you will see copious amounts of assorted components which are being procured from various sources outside of the factory, many of which are under the gun of inflation not to mention what energy prices are throwing into the mix. And as the US Dollar sinks further, so goes the price of this unit in the opposite direction since it is being imported.

Sorry for the dissertation on economics, but that☐s it in a nutshell.
Bruce K1XR

-----Original Message-----
From: Clay Curtiss W7CE [mailto:w7ce@...]
Sent: Thursday, September 02, 2004 9:40 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

Why? Doesn't their email work? If they want us to call for pricing,
then
the "Price" link should bring up a phone number not an email window. My
real question is: why are the prices such a closely held secret? Acom
is
the only ham radio product that I haven't been able to find pricing for.
I'm always suspicious of companies that won't advertise their prices.
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ask the price of the car. Not exactly the same, but similar feeling.

----- Original Message -----
From: "Bob Naumann - N5NJ" <n5nj@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, September 02, 2004 3:40 AM
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

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> ------------Original Message------------
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> To: acom-list@yahoogroups.com
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> My comments were specifically about their US distributor. As
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> far as I know this is the only US distributor. If there is another US
> distributor please let me know and I'll talk to them. I've read
> through the
> posts to this group and lack of responsiveness to email seems to be
> constantly recurring problem with this distributor. Maybe the "big
> boss" in
> Bulgaria should look for a US distributor who likes to communicate
with
> potential customers (a high priority with most salesmen). One
> shouldn't
> have to stop at the office in Boston to get exceptional service.
>
>
>
> Clay
> W7CE
>
> ----- Original Message -----
> From: "k0dan" <k0dan@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 8:05 PM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
>
> > Folks, in fairness, you need to contact the local distrubutor in
your
> > country, or if you contact Acom International, you need to ask them
> where
> > they can sell a certain product, what its price is, and who the
local

> > distributors are.
> >
> > In the USA, amps need to meet different import requirements than in
> Canada,
> > Netherlands, or other countries. It may not make sense to us users,
> but
> > those are the rules & regs that RF equipment manufacturers have to
> live
> > with. Perhaps they could communicate these facts better, but
> sometimes
> they
> > don't
> >
> > Fact is, the marketplace is different around the world.
> >
> > dt
> > ----- Original Message -----
> > From: "Clay Curtiss W7CE" <w7ce@curtiss.net>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, September 01, 2004 12:11
> > Subject: Re: [acom-list] Re: ACOM 2000a info needed.
> > >
> > >
> > > It took me two tries to get a response from Acom. I asked for a
> complete
> > > price list of products and only got pricing for the two amps that
I
> > > mentioned by part number. I generally don't do business with
> companies
> > that
> > > don't publish their price list, and only contacted Acom because
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> > > them answer other emails in a more timely fashion. Maybe they are
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> > > different prices to different customers for some reason. Based on
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> > slow
> > > responses that I and lots of other folks receive, and the apparent
> secrecy
> > > of the pricing, I think I'll look elsewhere for an amp. If Acom
> changes
> > the
> > > "Price" link at www.hfpower.com to point to an actual price list
> rather

> > than
> > > opening an email window, I'll reconsider.
> > >
> > > Clay
> > > W7CE
> > >
> > > ----- Original Message -----
> > > From: "Hans , PA3HGT" <pluijgers@...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, September 01, 2004 3:44 AM
> > > Subject: [acom-list] Re: ACOM 2000a info needed.
> > >
> > >
> > > Hello Jim,
> > >
> > > I have this problem for month's !
> > > I did sent several mail to several adresses :
> > >
> > > will@...
> > > info@...
> > > acom@...
> > > k6nd@...
> > >
> > >
> > > and no reply!
> > > I did sent a email several days ago and no reply again.
> > > I am busy for month's to get a single reply from Acom
> > > What i think that you can't treat (future) costumers like that.
> > > For the rest i heard a rumor that Acom is in trouble ?
> > > Maybe a few serious reviews about support on eham will help...
> > > For myself i recommend Acom no more for my friends because iï¿½ve
> > > bad experiences about email contact with Acom.
> > >
> > > 73,Hans,PA3HGT
> > >
> > >
> > > --- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
> > > wrote:
> > > > I am wondering if ACOM is still in business. I have sent them
> > > email
> > > > and called them directly with no response. It is possible that
> > > they
> > > > are all on vacation now. I was looking for the price and
> > > > availibility of the ACOM 2000a. I imagine that there is someone
> on
> > > > this list who has recently bought this amp and can share this
> > > > information.
> > > >
> > > > tnx, 73
> > > > Jim, AD6WL

> > >
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<http://view.atdmt.com/VON/view/yhxxxvon00700677von/direct/01/&time=1094132023040869>

<http://us.adserver.yahoo.com/l?M=296572.5305651.6444487.3001176/D=groups/S=:HM/A=2195326/rand=814175414>

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1225. Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 15:05:22 UTC
From: Hans Remeeus
Topic: 1210 Message: 1225

Bruce is right.

Factories and most big companies never publish prices. This is not wise to do.

And even outlets (big or small) are very careful in publishing their prices. Perhaps their standard pricing, yes.

It is always wise to visit them or at least call them to get knowledge of their actual pricing.

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

----- Original Message -----
From: B Martn
To: acom-list@yahoogroups.com
Sent: Thursday, September 02, 2004 4:04 PM
Subject: RE: [acom-list] Re: ACOM 2000a info needed.

In defense of those companies that do not publish pricing, it's usually
do to uncontrolled price changes in either certain "ingredients" or
currency fluctuations.

I am in a business that absolutely will NEVER publish pricing. Our raw
material costs and/or finished goods, some of which are imported and
getting murdered by the wild fluctuations in the value of the US Dollar
vs. the Euro make it impossible to print a price. You just have to call
and we will be happy to quote you. If you cannot live with this type of
situation, whether it's our outfit or Acom; then vote for a party that
doesn't build massive deficits. It's the huge quantity of red ink,
hence unstable interest rates, hence unstable US Dollar valuation, hence
high inflationary pressures, that lead to the inability of commodity
based products to be sold via a price list. Sorry, but that's life.
It's not that we are "used car" salesman or unscrupulous, we are only
trying to survive and not sell a product for less than it cost to
produce.

Take one look inside of an Acom, and you will see copious amounts of
assorted components which are being procured from various sources
outside of the factory, many of which are under the gun of inflation not
to mention what energy prices are throwing into the mix. And as the US
Dollar sinks further, so goes the price of this unit in the opposite
direction since it is being imported.

Sorry for the dissertation on economics, but that's it in a nutshell.
Bruce K1XR

[Non-text portions of this message have been removed]

1226. Re: Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 15:24:45 UTC
From: Bob Naumann - N5NJ
Topic: 1210 Message: 1226

Whoa!

Way too much anger for me.

I'm out of this discussion.

N5NJ
==========
From: "Clay Curtiss W7CE" <w7ce@...>
Date: 2004/09/02 Thu AM 08:40:03 CDT
To: <acom-list@yahoogroups.com>
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

Why? Doesn't their email work? If they want us to call for pricing, then
the "Price" link should bring up a phone number not an email window. My
real question is: why are the prices such a closely held secret? Acom is
the only ham radio product that I haven't been able to find pricing for.
I'm always suspicious of companies that won't advertise their prices. It
reminds me of the car salesman who tells you the monthly payment when you
ask the price of the car. Not exactly the same, but similar feeling.

----- Original Message -----
From: "Bob Naumann - N5NJ" <n5nj@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, September 02, 2004 3:40 AM
Subject: Re: [acom-list] Re: ACOM 2000a info needed.

Did you call them on the telephone?

> ------------Original Message------------
> From: "Clay Curtiss W7CE" <w7ce@...>
> To: acom-list@yahoogroups.com
> Date: Thu, Sep-2-2004 1:20 AM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
> My comments were specifically about their US distributor. As mentioned
> in
> my email, I went to www.hfpower.com (their US distributor) and clicked
> on
> "Price" which brought up an email window addressed to k6nd@....
> As
> far as I know this is the only US distributor. If there is another US
> distributor please let me know and I'll talk to them. I've read
> through the
> posts to this group and lack of responsiveness to email seems to be
> constantly recurring problem with this distributor. Maybe the "big
> boss" in

> Bulgaria should look for a US distributor who likes to communicate with
> potential customers (a high priority with most salesmen). One
> shouldn't
> have to stop at the office in Boston to get exceptional service.
>
>
>
> Clay
> W7CE
>
> ----- Original Message -----
> From: "k0dan" <k0dan@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, September 01, 2004 8:05 PM
> Subject: Re: [acom-list] Re: ACOM 2000a info needed.
>
>
> > Folks, in fairness, you need to contact the local distrubutor in your
> > country, or if you contact Acom International, you need to ask them
> where
> > they can sell a certain product, what its price is, and who the local
> > distributors are.
> >
> > In the USA, amps need to meet different import requirements than in
> Canada,
> > Netherlands, or other countries. It may not make sense to us users,
> but
> > those are the rules & regs that RF equipment manufacturers have to
> live
> > with. Perhaps they could communicate these facts better, but
> sometimes
> they
> > don't
> >
> > Fact is, the marketplace is different around the world.
> >
> > dt
> > ----- Original Message -----
> > From: "Clay Curtiss W7CE" <w7ce@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, September 01, 2004 12:11
> > Subject: Re: [acom-list] Re: ACOM 2000a info needed.
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> > >
> > > It took me two tries to get a response from Acom. I asked for a
> complete
> > > price list of products and only got pricing for the two amps that I
> > > mentioned by part number. I generally don't do business with
> companies
> > that

> > > don't publish their price list, and only contacted Acom because
> their
> > > products look so very good. I don't know why they don't just
> publish
> the
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> > the
> > > "Price" link at www.hfpower.com to point to an actual price list
> rather
> > than
> > > opening an email window, I'll reconsider.
> > >
> > > Clay
> > > W7CE
> > >
> > > ----- Original Message -----
> > > From: "Hans , PA3HGT" <pluijgers@zeelandnet.nl>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, September 01, 2004 3:44 AM
> > > Subject: [acom-list] Re: ACOM 2000a info needed.
> > >
> > >
> > > Hello Jim,
> > >
> > > I have this problem for month's !
> > > I did sent several mail to several adresses :
> > >
> > > will@milarasmt.com
> > > info@...
> > > acom@...
> > > k6nd@hfpower.com
> > >
> > >
> > > and no reply!
> > > I did sent a email several days ago and no reply again.
> > > I am busy for month's to get a single reply from Acom
> > > What i think that you can't treat (future) costumers like that.
> > > For the rest i heard a rumor that Acom is in trouble ?
> > > Maybe a few serious reviews about support on eham will help...

> > > For myself i recommend Acom no more for my friends because iï¿½ve
> > > bad experiences about email contact with Acom.
> > >
> > > 73,Hans,PA3HGT
> > >
> > >
> > > --- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...>
> > > wrote:
> > > > I am wondering if ACOM is still in business. I have sent them
> > > email
> > > > and called them directly with no response. It is possible that
> > > they
> > > > are all on vacation now. I was looking for the price and
> > > > availibility of the ACOM 2000a. I imagine that there is someone
> on
> > > > this list who has recently bought this amp and can share this
> > > > information.
> > > >
> > > > tnx, 73
> > > > Jim, AD6WL
> > >
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Yahoo! Groups Links

To unsubscribe, send an empty message to:

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Yahoo! Groups Links

==========

1227. Re: Re: [acom-list] Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-02 16:22:25 UTC
From: Bruce Sawyer
Topic: 1210 Message: 1227

>Whoa!
>
>Way too much anger for me.
>
>I'm out of this discussion.
>
>N5NJ

No kidding. I could take this one when it was a low-volume group, mostly people sincerely trying to get information. But this has gone way overboard. Why do all the reflectors tend to end up that way?

CU in the contests...I'll be back in ZF in October for the winter.

Bruce, N6NT

1228. Re: ACOM 2000a info needed.

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-03 19:22:57 UTC
From: jimgrunner
Topic: 1210 Message: 1228

I want to thank all who replied to this. I am sorry for any problems this may have caused anyone on this list. I have sent emails to K6ND@... and have called 508.359.5990 with no repsonse.

I only desire to know approximately how much this amp cost. I have no idea; is it about $4K, $5k....$10K? If anyone from the US has this amp and bought it from the US dealer could you please let me know how long it took you to receive this amp once placed on order. Of course I don't know how one could actually order this item either.

Please email directly to me and not to the list; I don't desire to cause anymore problems. This will be my last email on this subject to the list.

tnx, 73
Jim, AD6WL

--- In acom-list@yahoogroups.com, "jimgrunner" <IronmanY2K@t...> wrote:
> I am wondering if ACOM is still in business. I have sent them email
> and called them directly with no response. It is possible that they
> are all on vacation now. I was looking for the price and
> availibility of the ACOM 2000a. I imagine that there is someone on
> this list who has recently bought this amp and can share this
> information.
>
> tnx, 73
> Jim, AD6WL

1229. again

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-06 23:26:07 UTC
From: Hans , PA3HGT
Topic: 1229 Message: 1229

Hello all,

I tried for the nineth time to contact Acom and now from my
hotmailaccount.
I did sent again some email from my regular account and no ,
offcourse nobody is responding.
Maybe this time they are responding.... shame shame Acom...

1230. [Q] Bias too low at power on failure

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-14 07:14:04 UTC
From: lx1no
Topic: 1230 Message: 1230

Hi folks,

I'm new to this group (took me a while to discover it).

Two days ago, I got the "BIAS TOO LOW AT POWER ON: 000V" message right after the normal heating up period and the amp switches off.

I checked all 6 internal fuses and all seem to be ok. I did not take the big transformer out, I checked with a light.

In an old threat on the hfpower.com site, I noticed that someone had a similar problem. Apparently in his case, the wiring was not so well connected. In may case, all cables from the big transformer to the board seem ok. I did not see/find/smell any bad component.

Unfortunately, I'm not really a tech so it's a bid hard for me to do error tracking.

Question: Did such a problem occur to someone else on this list? What was the cure in such a case?

The dealer I got it from is a 2,5h drive from my place and I'd be happy if I could avoid the trip.

Any hint appreciated. I haven't contacted Acom yet, I thought that maybe this group could be of some help before bothering them.

BTW, the amp is from 2000, if that's of any help.

73 Norby

1231. Re: [acom-list] [Q] Bias too low at power on failure

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-14 13:04:26 UTC
From: David J. Strout - W2YC
Topic: 1230 Message: 1231

Hello Norby.....Pse contact me directly at: djsatty@... ..... the email address I have for you bounces....73, Dave, W2YC
----- Original Message -----
From: lx1no
To: acom-list@yahoogroups.com
Sent: Tuesday, September 14, 2004 07:14
Subject: [acom-list] [Q] Bias too low at power on failure

Hi folks,

I'm new to this group (took me a while to discover it).

Two days ago, I got the "BIAS TOO LOW AT POWER ON: 000V" message right after the normal heating up period and the amp switches off.

I checked all 6 internal fuses and all seem to be ok. I did not take the big transformer out, I checked with a light.

In an old threat on the hfpower.com site, I noticed that someone had a similar problem. Apparently in his case, the wiring was not so well connected. In may case, all cables from the big transformer to the board seem ok. I did not see/find/smell any bad component.

Unfortunately, I'm not really a tech so it's a bid hard for me to do error tracking.

Question: Did such a problem occur to someone else on this list? What was the cure in such a case?

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Any hint appreciated. I haven't contacted Acom yet, I thought that maybe this group could be of some help before bothering them.

BTW, the amp is from 2000, if that's of any help.

73 Norby

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b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1232. 6m EME skeds with DX ACOM 1000 owners!

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-14 13:19:40 UTC
From: Lance Collister, W7GJ (DN27ub)
Topic: 1232 Message: 1232

Hello!

I am very interested in contacting ACOM 1000 owners in new DXCC locations to run 6m EME skeds. Yes, if you have an ACOM 1000 and even a small yagi on 6m, you are in a very strong position to work 6m EME! I would very much appreciate hearing about your 6m station ;-)

For example, recently I completed contacts with single yagi stations LZ3RX, 7P8NK, OH0JFB, 5T5SN, 9A8A and YA1RS on JT65A mode during their setting moon. 7P8NK happened to be using an ACOM 1000 and a 5 element beam. YA1RS was using an ACOM 1000 and a homebrew 6 element beam.

To complete a JT65A mode sked on EME, I would like to find someone with a GOOD 5 element beam (or larger) and 500w (or more). I have already contacted a 200w station using JT65A mode, but he was using a 13m long computer-optimized yagi with excellent ground gain. Of course, good ground gain is very important with such a small antenna aimed at the horizon, and it is good to find a flat plain in front of the antenna toward moonset (of course, salt water is best - HI!).

More information about JT65 and 6m EME is here:

http://www.bigskyspaces.com/w7gj/Welcome_to_6m_EME.htm
http://www.bigskyspaces.com/w7gj/JT65checklist.htm

However, with the new JT1 mode (which is expected to be released soon), I think I could complete a contact with someone 3-5 dB smaller than the station I have described above.

I can propose the best times and aiming info for skeds once I have the grid locator for the station. I look forward to hearing from you and/or any DX stations you can recommend. I am looking forward to some REAL DX contacts via 6m EME!!!! MNI TNX and VY 73, Lance
--
--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728 FAX:(406) 626-5728
URL: http://www.bigskyspaces.com/w7gj

1233. Message: Relay closed, it should be open!

Yahoo group: acom-list (1999 — 2009)
Date: 2004-09-30 22:28:46 UTC
From: lennartlonnqvist
Topic: 1233 Message: 1233

Hi,
How get rid of this message coming from the Amplifier every now and then when I am usng the ACOM2000A after my FT-1000 Field. The PA cuts off in this way once or twice every en second when using CW.The antenna relay of FT1000 is in position 56. What to do?

1234. Re: Message: Relay closed, it should be open!

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-05 15:39:43 UTC
From: Dick Green
Topic: 1233 Message: 1234

This is usually an indication tha the relay is damaged or defective.
If you are using QSK, try VOX. If the problem continues, contact
ACOM for service.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "lennartlonnqvist"
<lennartlonnqvist@y...> wrote:
> Hi,
> How get rid of this message coming from the Amplifier every now
and
> then when I am usng the ACOM2000A after my FT-1000 Field. The PA
cuts
> off in this way once or twice every en second when using CW.The
> antenna relay of FT1000 is in position 56. What to do?

1235. Re: Message: Relay closed, it should be open!

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-09 04:57:40 UTC
From: jx7dfa
Topic: 1233 Message: 1235

After the relay is replaced (if that is the fault), I would recommend
using the info below.

http://www.qsl.net/la7dfa/ft-1000mp-qsk.htm

73 de Per, LA7DFA

Happy Acom 2000 owner ;-)

--- In acom-list@yahoogroups.com, "Dick Green" <wc1m@m...> wrote:
>
> This is usually an indication tha the relay is damaged or defective.
> If you are using QSK, try VOX. If the problem continues, contact
> ACOM for service.
>
> 73, Dick WC1M
>
>
> --- In acom-list@yahoogroups.com, "lennartlonnqvist"
> <lennartlonnqvist@y...> wrote:
> > Hi,
> > How get rid of this message coming from the Amplifier every now
> and
> > then when I am usng the ACOM2000A after my FT-1000 Field. The PA
> cuts
> > off in this way once or twice every en second when using CW.The
> > antenna relay of FT1000 is in position 56. What to do?

1236. Re: [acom-list] logging software functions 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-10 02:10:32 UTC
From: Bill NY9H
Topic: 1233 Message: 1236

hi all.

i am not an Acom owner/user..... yet.

I notice reference to support for logging programs writelog.
While I use DX4WIN, and it will obviously send a freq to the xcvr...
is the interface with ACOM to provide a freq so it can pretune , prior to
rf being applied????

So if DX4WIN is talking to my ICOM or TenTec ; will the current ACOM
provided software "interface" with DX4WIN ????

Is there another reason to "interface" with a logging or rig control program?

What would I be missing ?

Thanks in advance , and I am certain to have additional questions.....as I
reread the manuals.

Bill NY9H

1237. Re: [acom-list] logging software functions 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-10 11:14:05 UTC
From: Barry
Topic: 1233 Message: 1237

Hi Bill,
The existing controller software (Acom Tools) works with Writelog to pretune the amp (via a serial port). Without the software in place, the amp retunes as soon as you hit the first dit. The software works reliably with Win98, but not XP, in my experience. I don't believe it works with any other logging software, but I'm sure someone will correct me if I'm wrong.

It's a great amp, but the lack of decent software to control the amp has been my beef for several years. I'm unaware of any update or new software being written, though some promises were made from time to time.
73,
Barry W2UP

On 9 Oct 2004 Bill NY9H wrote:

>
> hi all.
>
> i am not an Acom owner/user..... yet.
>
> I notice reference to support for logging programs writelog.
> While I use DX4WIN, and it will obviously send a freq to the xcvr...
> is the interface with ACOM to provide a freq so it can pretune , prior
> to rf being applied????
>
> So if DX4WIN is talking to my ICOM or TenTec ; will the current ACOM
> provided software "interface" with DX4WIN ????
>
> Is there another reason to "interface" with a logging or rig control
> program?
>
> What would I be missing ?
>
> Thanks in advance , and I am certain to have additional
> questions.....as I reread the manuals.
>
> Bill NY9H
>
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1238. ACOM 1000 was dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-19 19:25:04 UTC
From: Andy Fyodoroff
Topic: 1238 Message: 1238

My ACOM-1000 was dead today. After about 40K QSO'.
No idea why... After few hours of operation (not on the air -
just ON power) the LCD screen was nothing shows. Light and Contrast
is OK, but no any info on screen. Power output is going OK.
Just screen problem ...
Any ideas ?

73 de rw3ah Andy

1239. Re: [acom-list] ACOM 1000 was dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-21 02:01:46 UTC
From: VA3MW - Port Credit
Topic: 1238 Message: 1239

Andy

I don't have my manual handy, but have you taken off the cover and had a look at the fuses?

Mike VA3MW

----- Original Message -----
From: "Andy Fyodoroff" <admin@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, October 19, 2004 3:25 PM
Subject: [acom-list] ACOM 1000 was dead

>
>
> My ACOM-1000 was dead today. After about 40K QSO'.
> No idea why... After few hours of operation (not on the air -
> just ON power) the LCD screen was nothing shows. Light and Contrast
> is OK, but no any info on screen. Power output is going OK.
> Just screen problem ...
> Any ideas ?
>
> 73 de rw3ah Andy
>
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1240. Re: ACOM 1000 was dead

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-21 11:43:54 UTC
From: Andy Fyodoroff
Topic: 1238 Message: 1240

Hi,
problem solved. Power supply with white pin connectors -
that was a problem. Not relible part of the PA.
Now working again.

tks 73 de rw3ah Andy

--- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
wrote:
> Andy
>
> I don't have my manual handy, but have you taken off the cover and
had a
> look at the fuses?
>
> Mike VA3MW
>
> ----- Original Message -----
> From: "Andy Fyodoroff" <admin@c...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, October 19, 2004 3:25 PM
> Subject: [acom-list] ACOM 1000 was dead
>
>
> > >
> > >
> > > My ACOM-1000 was dead today. After about 40K QSO'.
> > > No idea why... After few hours of operation (not on the air -
> > > just ON power) the LCD screen was nothing shows. Light and
Contrast
> > > is OK, but no any info on screen. Power output is going OK.
> > > Just screen problem ...
> > > Any ideas ?
> > >
> > > 73 de rw3ah Andy
> > >
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1241. ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-28 10:41:14 UTC
From: Nodir M. Tursoon-Zadeh
Topic: 1241 Message: 1241

Hello!

I am interested what temperature of tubes on ACOM2000 is accepteble.

Using SSB I have it up to 100 degrees and rear/front tube difference about 8-10 degrees.

I am not sure if it is normal situation. On CW it is never exceeds 80-90 degrees. Any comments?

Regards,

Nodir Tursoon-Zadeh, EY8MM
http://www.qsl.net/ey8mm

1242. Re: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-28 11:04:46 UTC
From: Bob Naumann - N5NJ
Topic: 1241 Message: 1242

That seems a little high to me.

1) What power output level are you running?
2) Are you certain that the cooling fan is running?
3) What is the temperature in the room?
4) How much power are you driving the amplifier with?
5) What is your line voltage?
6) Have you looked to see if the inside of the amplifier is dirty?
7) Are the cooling fins on the tubes clean?
8) Are you running with a high swr?

> ------------Original Message------------
> From: "Nodir M. Tursoon-Zadeh" <nmt@...>
> To: "ACOM Reflector" <acom-list@yahoogroups.com>
> Date: Thu, Oct-28-2004 5:41 AM
> Subject: [acom-list] ACOM 2000
>
>
> Hello!
>
> I am interested what temperature of tubes on ACOM2000 is accepteble.
>
> Using SSB I have it up to 100 degrees and rear/front tube difference
> about
> 8-10 degrees.
>
> I am not sure if it is normal situation. On CW it is never exceeds
> 80-90
> degrees. Any comments?
>
>
> Regards,
>
> Nodir Tursoon-Zadeh, EY8MM
> http://www.qsl.net/ey8mm
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1243. Re: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-28 11:46:29 UTC
From: Nodir M. Tursoon-Zadeh
Topic: 1241 Message: 1243

Hello Bob,

Please find answers below.

Regards,

Nodir Tursoon-Zadeh, EY8MM
http://www.qsl.net/ey8mm

> 1) What power output level are you running?

Full legal-1,5. Not red. :)

> 2) Are you certain that the cooling fan is running?

Yes. I can feel it.

> 3) What is the temperature in the room?

About 20 C

> 4) How much power are you driving the amplifier with?
about 45 w

> 5) What is your line voltage?

Depends. 220-240 depends time of the day

> 6) Have you looked to see if the inside of the amplifier is dirty?

I check about 2 month ago. It is clean.

> 7) Are the cooling fins on the tubes clean?

Yes.

> 8) Are you running with a high swr?

1,3 on 20 m (C31XR)

No option fan installed.

>
> > ------------Original Message------------
> > From: "Nodir M. Tursoon-Zadeh" <nmt@...>
> > To: "ACOM Reflector" <acom-list@yahoogroups.com>
> > Date: Thu, Oct-28-2004 5:41 AM
> > Subject: [acom-list] ACOM 2000
> >
> >

> > Hello!
> >
> > I am interested what temperature of tubes on ACOM2000 is accepteble.
> >
> > Using SSB I have it up to 100 degrees and rear/front tube difference
> > about
> > 8-10 degrees.
> >
> > I am not sure if it is normal situation. On CW it is never exceeds
> > 80-90
> > degrees. Any comments?
> >
> >
> > Regards,
> >
> > Nodir Tursoon-Zadeh, EY8MM
> > http://www.qsl.net/ey8mm
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1244. Re: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-28 12:09:38 UTC
From: Bob Naumann - N5NJ
Topic: 1241 Message: 1244

Given that you say everything's all right, I would suggest that you use a second thermometer to verify that the temperature reading is correct. The sensors are in the side of the tube chimneys near the top, so you can place the thermometer on top of the cabinet and be reading very close to the internal sensor for the comparison.

I've always seen a maximum of 80 to 90 on SSB, even in the heat in Antigua at V26B during CQWW. The only time I've seen near 100 is running RTTY at too high a power level. No option fan.

73,
N5NJ

> ------------Original Message------------
> From: "Nodir M. Tursoon-Zadeh" <nmt@...>
> To: acom-list@yahoogroups.com
> Date: Thu, Oct-28-2004 6:49 AM
> Subject: Re: [acom-list] ACOM 2000
>
>
> Hello Bob,
>
> Please find answers below.
>
> Regards,
>
> Nodir Tursoon-Zadeh, EY8MM
> http://www.qsl.net/ey8mm
>
>
>
> > 1) What power output level are you running?
>
> Full legal-1,5. Not red. :)
>
> > 2) Are you certain that the cooling fan is running?
>
> Yes. I can feel it.
>
> > 3) What is the temperature in the room?
>
> About 20 C
>
> > 4) How much power are you driving the amplifier with?
> about 45 w
>
> > 5) What is your line voltage?

>
> Depends. 220-240 depends time of the day
>
> > 6) Have you looked to see if the inside of the amplifier is dirty?
>
> I check about 2 month ago. It is clean.
>
> > 7) Are the cooling fins on the tubes clean?
>
> Yes.
>
> > 8) Are you running with a high swr?
>
> 1,3 on 20 m (C31XR)
>
> No option fan installed.
>
> >
> > > ------------Original Message------------
> > > From: "Nodir M. Tursoon-Zadeh" <nmt@...m>
> > > To: "ACOM Reflector" <acom-list@yahoogroups.com>
> > > Date: Thu, Oct-28-2004 5:41 AM
> > > Subject: [acom-list] ACOM 2000
> > >
> > >
> > > Hello!
> > >
> > > I am interested what temperature of tubes on ACOM2000 is
> accepteble.
> > >
> > > Using SSB I have it up to 100 degrees and rear/front tube
> difference
> > > about
> > > 8-10 degrees.
> > >
> > > I am not sure if it is normal situation. On CW it is never exceeds
> > > 80-90
> > > degrees. Any comments?
> > >
> > >
> > > Regards,
> > >
> > > Nodir Tursoon-Zadeh, EY8MM
> > > http://www.qsl.net/ey8mm
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1245. RE: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-28 12:47:38 UTC
From: B Martn
Topic: 1241 Message: 1245

Your temps seem to be running on the high side and the difference is large too. I had not more than 2 degrees before my tubes failed. After replacing the tubes, I noticed what you are seeing, only with a 12-15 degree difference. It turned out the tubes were not well matched, and we installed a well matched set. Now I have no difference in temps between the tubes and I rarely go over 80 degrees on SSB.

Bruce K1XR

-----Original Message-----
From: Nodir M. Tursoon-Zadeh [mailto:nmt@...]
Sent: Thursday, October 28, 2004 6:41 AM
To: ACOM Reflector
Subject: [acom-list] ACOM 2000

Hello!

I am interested what temperature of tubes on ACOM2000 is accepteble.

Using SSB I have it up to 100 degrees and rear/front tube difference about
8-10 degrees.

I am not sure if it is normal situation. On CW it is never exceeds 80-90 degrees. Any comments?

Regards,

Nodir Tursoon-Zadeh, EY8MM
http://www.qsl.net/ey8mm

Yahoo! Groups Links

1246. RE: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-29 01:09:45 UTC
From: Bill NY9H
Topic: 1241 Message: 1246

Bruce,

who supplied the "matched pairs" of finals.
Two sources are telling me " not sold as matched pairs"" ????

tnx
bill

At 07:47 AM 10/28/2004, you wrote:

>Your temps seem to be running on the high side and the difference is
>large too. I had not more than 2 degrees before my tubes failed. After
>replacing the tubes, I noticed what you are seeing, only with a 12-15
>degree difference. It turned out the tubes were not well matched, and
>we installed a well matched set. Now I have no difference in temps
>between the tubes and I rarely go over 80 degrees on SSB.
>
>Bruce K1XR
>
>
>-----Original Message-----
>From: Nodir M. Tursoon-Zadeh [mailto:nmt@...]
>Sent: Thursday, October 28, 2004 6:41 AM
>To: ACOM Reflector
>Subject: [acom-list] ACOM 2000
>
>
>Hello!
>
>I am interested what temperature of tubes on ACOM2000 is accepteble.
>
>Using SSB I have it up to 100 degrees and rear/front tube difference
>about
>8-10 degrees.
>
>I am not sure if it is normal situation. On CW it is never exceeds 80-90
>degrees. Any comments?
>
>
>Regards,
>
>Nodir Tursoon-Zadeh, EY8MM
>http://www.qsl.net/ey8mm
>
>

1247. RE: [acom-list] ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2004-10-29 01:30:18 UTC
From: B Martn
Topic: 1241 Message: 1247

Acom has them, just call Krassy..
Bruce

-----Original Message-----
From: Bill NY9H [mailto:ny9h@...]
Sent: Thursday, October 28, 2004 9:10 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] ACOM 2000

Bruce,

who supplied the "matched pairs" of finals.
Two sources are telling me " not sold as matched pairs"" ????

tnx
bill

At 07:47 AM 10/28/2004, you wrote:

>Your temps seem to be running on the high side and the difference is
>large too. I had not more than 2 degrees before my tubes failed.
After
>replacing the tubes, I noticed what you are seeing, only with a 12-15
>degree difference. It turned out the tubes were not well matched, and
>we installed a well matched set. Now I have no difference in temps
>between the tubes and I rarely go over 80 degrees on SSB.
>
>Bruce K1XR
>
>
>-----Original Message-----
>From: Nodir M. Tursoon-Zadeh [mailto:nmt@...]
>Sent: Thursday, October 28, 2004 6:41 AM
>To: ACOM Reflector
>Subject: [acom-list] ACOM 2000
>
>
>Hello!
>
>I am interested what temperature of tubes on ACOM2000 is accepteble.
>
>Using SSB I have it up to 100 degrees and rear/front tube difference
>about
>8-10 degrees.
>
>I am not sure if it is normal situation. On CW it is never exceeds

80-90
>degrees. Any comments?
>
>
>Regards,
>
>Nodir Tursoon-Zadeh, EY8MM
>http://www.qsl.net/ey8mm
>
>

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D=groups/S=1705063108:HM/EXP=1099098585/A=2343726/R=0/SIG=12iot44dq/*htt
p:/clk.atdmt.com/VON/go/yhxxxvon01900091von/direct/01/&time=109901218577
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012185774134>

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s/S=:HM/A=2343726/rand=747122090>

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http://groups.yahoo.com/group/acom-list/

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acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1248. Question/Heater LED

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 01:33:43 UTC
From: William F. Beyer Jr.
Topic: 1248 Message: 1248

Have the Acom 2000, heater LED is flashing, AC line is abt 253V.
OK to run amp?

FIX?

William Beyer/N2WB

1249. contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 13:48:49 UTC
From: Eric Scace K3NA
Topic: 1249 Message: 1249

Hi --

Any tips on how to contact Acom these days here in the USA? I have a 2000A which completes the power up sequence with the
message "HV too low 0.00V" and then goes back to sleep.

I have tried both the old and new phone numbers on the USA website at various times this past week. No one answers and the
voicemail system says it is full. Mail to Will disappears without a trace. Mail to info@hf... bounces back after a couple of days
as undeliverable.

I'm stumped. Help!

-- Eric K3NA

1250. Re: [acom-list] contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 15:40:21 UTC
From: Bruce W3BP
Topic: 1249 Message: 1250

I emailed ACOM three weeks ago about needing some minor relplacement parts for my amp and have heard nothing back. No HV - I would check the HV voltage xfmr primary connector - mine was burned up but still working. that was one of the parts I was hoping to get from ACOM.

73, Bruce W3BP

----- Original Message -----
From: Eric Scace K3NA
To: Acom list
Sent: Saturday, November 06, 2004 1:48 PM
Subject: [acom-list] contacting Acom (again)

Hi --

Any tips on how to contact Acom these days here in the USA? I have a 2000A which completes the power up sequence with the
message "HV too low 0.00V" and then goes back to sleep.

I have tried both the old and new phone numbers on the USA website at various times this past week. No one answers and the
voicemail system says it is full. Mail to Will disappears without a trace. Mail to info@hf... bounces back after a couple of days
as undeliverable.

I'm stumped. Help!

-- Eric K3NA

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1251. Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 16:35:35 UTC
From: acom_listmanager
Topic: 1249 Message: 1251

I know Krassy was operating the SSB test last weekend from VY2ZM.
Other than that, can't help...
Barry W2UP

--- In acom-list@yahoogroups.com, Eric Scace K3NA <eric@k...> wrote:
> Hi --
>
> Any tips on how to contact Acom these days here in the USA? I
have a 2000A which completes the power up sequence with the
> message "HV too low 0.00V" and then goes back to sleep.
>
> I have tried both the old and new phone numbers on the USA
website at various times this past week. No one answers and the
> voicemail system says it is full. Mail to Will disappears without
a trace. Mail to info@hf... bounces back after a couple of days
> as undeliverable.
>
> I'm stumped. Help!
>
> -- Eric K3NA

1252. Re: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 16:59:42 UTC
From: alsopb
Topic: 1249 Message: 1252

Any informed speculation on what's going on with ACOM.

Anybody know/try to contact the LZ office lately?

Reminds me of how I dumped my first girlfriend. Perhaps this is her
long delayed revenge.....

73 de Brian/K3KO

acom_listmanager wrote:
>
> I know Krassy was operating the SSB test last weekend from VY2ZM.
> Other than that, can't help...
> Barry W2UP
>
> --- In acom-list@yahoogroups.com, Eric Scace K3NA <eric@k...> wrote:
>
>>Hi --
>>
>> Any tips on how to contact Acom these days here in the USA? I
>
> have a 2000A which completes the power up sequence with the
>
>>message "HV too low 0.00V" and then goes back to sleep.
>>
>> I have tried both the old and new phone numbers on the USA
>
> website at various times this past week. No one answers and the
>
>>voicemail system says it is full. Mail to Will disappears without
>
> a trace. Mail to info@hf... bounces back after a couple of days
>
>>as undeliverable.
>>
>> I'm stumped. Help!
>>
>>-- Eric K3NA
>
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1253. Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-06 17:07:38 UTC
From: John Becker
Topic: 1249 Message: 1253

> I have tried both the old and new phone numbers on the USA website at various times this past week. No one answers and the
> voicemail system says it is full. Mail to Will disappears without a trace. Mail to info@hf... bounces back after a couple of days
> as undeliverable.
>
> I'm stumped. Help!
>

It certainly appears that Acom needs help in the marketing department here in the USA. I've been trying to get in touch with them too, because I'm shopping for a new amp and the A2000 looks good. But I've been unable to get any response either to e-mail or telephone over the last 2 months. The last time I called, I got the voice mail and it said the message box was full and couldn't accept any more messages.

The great majority of the good words for Acom seem to come from European users, so I assume the situation is much better over there.

I can imagine the frustration and anger you must feel to have shelled out $x,000 for this box only to find out that when things go wrong you've been hung out to dry. Good luck, and I hope the situation improves soon!

73,

John, K9MM
Former potential Acom customer

1254. Re: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-07 08:23:02 UTC
From: n6ki@juno.com
Topic: 1249 Message: 1254

If your ACOM is still under warranty..well good luck

If your ACOM is out of warranty, contact Lou De Beer ND6W in San Diego

He is able to effect most repairs.

Lou De Beer ND6W 619 437-8351
lou.de.beer@...

He is NOT an authorized repair facility for ACOM
but he has serviced several ACOM amps and he will
see mine in future if it fails as my warranty is out.

I have no pecuniary interest other than knowing
I have someone competent to service my amp in future.

73, Dennis N6KI

_____
Juno Platinum $9.95. Juno SpeedBand $14.95.
Sign up for Juno Today at http://www.juno.com!
Look for special offers at Best Buy stores.

1255. Re: [acom-list] contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-07 14:27:15 UTC
From: Henry Ingwersen, KT1J
Topic: 1249 Message: 1255

Try 508-359-2786 (Milara) and ask for Krassy or Will. They have recently moved from Medfield, MA to Medway, MA, but the old 359 number still works.

GL,

Henry, KT1J, PA0AFN
----- Original Message -----
From: Eric Scace K3NA
To: Acom list
Sent: Saturday, November 06, 2004 8:48 AM
Subject: [acom-list] contacting Acom (again)

Hi --

Any tips on how to contact Acom these days here in the USA? I have a 2000A which completes the power up sequence with the
message "HV too low 0.00V" and then goes back to sleep.

I have tried both the old and new phone numbers on the USA website at various times this past week. No one answers and the
voicemail system says it is full. Mail to Will disappears without a trace. Mail to info@hf... bounces back after a couple of days
as undeliverable.

I'm stumped. Help!

-- Eric K3NA

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1256. AW: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-08 08:32:49 UTC
From: Carsten Esch
Topic: 1249 Message: 1256

... no problem with the LZ office. Got a VERY fast and detailed response
(within 2h hours) how to cure a problem on one of my amps last friday.

CArsten, DL6LAU

-----Urspr?ngliche Nachricht-----
Von: alsopb [mailto:alsopb@...]
Gesendet: Samstag, 6. November 2004 18:00
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] Re: contacting Acom (again)

Any informed speculation on what's going on with ACOM.

Anybody know/try to contact the LZ office lately?

Reminds me of how I dumped my first girlfriend. Perhaps this is her
long delayed revenge.....

73 de Brian/K3KO

acom_listmanager wrote:
>
> I know Krassy was operating the SSB test last weekend from VY2ZM.
> Other than that, can't help...
> Barry W2UP
>
> --- In acom-list@yahoogroups.com, Eric Scace K3NA <eric@k...> wrote:
>
>>Hi --
>>
>> Any tips on how to contact Acom these days here in the USA? I
>
> have a 2000A which completes the power up sequence with the
>
>>message "HV too low 0.00V" and then goes back to sleep.
>>
>> I have tried both the old and new phone numbers on the USA
>
> website at various times this past week. No one answers and the
>
>>voicemail system says it is full. Mail to Will disappears without
>
> a trace. Mail to info@hf... bounces back after a couple of days
>
>>as undeliverable.
>>
>> I'm stumped. Help!

>>
>>-- Eric K3NA
>
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> Yahoo! Groups Links
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Yahoo! Groups Links

1257. Re: AW: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-09 09:47:01 UTC
From: n6ki@juno.com
Topic: 1249 Message: 1257

Well, if someone speaks emglish at the LZ office maybe a solution would be to just call there.

www.onesuite.com allows you to call LZ for around 16 cents a minute!

How's that for innovation

73, Dennis N6KI
San Diego

Juno Platinum $9.95. Juno SpeedBand $14.95.
Sign up for Juno Today at http://www.juno.com!
Look for special offers at Best Buy stores.

1258. AW: AW: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-09 10:11:08 UTC
From: Herrmann, Thomas
Topic: 1258 Message: 1258

Both, technician (Stan) and controlling (Lydia) speaking English rather well.
I had successful communication with them before and feel well supported by ACOM_LZ.
73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: n6ki@... [mailto:n6ki@...]
Gesendet: Dienstag, 9. November 2004 10:47
An: acom-list@yahoogroups.com
Betreff: Re: AW: [acom-list] Re: contacting Acom (again)

Well, if someone speaks emglish at the LZ office maybe a solution would be to just call there.

www.onesuite.com allows you to call LZ for around 16 cents a minute!

How's that for innovation

73, Dennis N6KI
San Diego

Juno Platinum $9.95. Juno SpeedBand $14.95.
Sign up for Juno Today at http://www.juno.com!
Look for special offers at Best Buy stores.

Yahoo! Groups Links

1259. Re: AW: [acom-list] Re: contacting Acom (again)

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-10 05:44:07 UTC
From: Hans Remeeus
Topic: 1249 Message: 1259

Same with me.

73, Hans Remeeus.
Ham Radio: PA1HR
www.remeeus.nl

Communication is about people, the rest is technology.

----- Original Message -----
From: Herrmann, Thomas
To: acom-list@yahoogroups.com
Sent: Tuesday, November 09, 2004 11:11 AM
Subject: AW: AW: [acom-list] Re: contacting Acom (again)

Both, technician (Stan) and controlling (Lydia) speaking English rather well.
I had successful communication with them before and feel well supported by ACOM_LZ.
73 de Thomas, DL1AMQ

[Non-text portions of this message have been removed]

1260. Acom Contact Information

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-11 22:41:17 UTC
From: Jim Idelson
Topic: 1260 Message: 1260

Hi everyone,

I spoke with Krassy at Acom today. He asked me to let you all know about some changes at the company.

Acom International has recently moved to a new and larger facility. The company has a new address and new telephone numbers:

Acom International, Inc.
4 Marc Road
Medway, MA 02053

508.533.7765 tel
508.533.7707 fax
866.533.ACOM toll-free in the US

Will Angenent, K6ND, is no longer with Acom. When you call, ask for Krassy. He'll be happy to personally assist with any sales or service requests. You can also reach Krassy at his email address k1lz@...

The transition to the new facility is nearly completed; the phones are up and running. Getting in touch with Acom International should be much easier now!

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

1261. BIAS TOO LOW -094V

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-18 18:24:52 UTC
From: Jose Maria
Topic: 1261 Message: 1261

Hi folks:
I'm a new one in the list. Just I have found it looking to solve a problem:
During the "warm-up" the amplifiers tuns off it-self and shows the message:
BIAS TOO LOW -094 V

I contacted to ACOM and they ask me to test some voltages:

I have followed all instructions, and checked voltages needed:

Voltages on the INTERFACE PCB (in respect to the chassis):

1. Form JP3:1 (bias regulator input frp, LV power supply) - it must
be -115...-130V.
--->> (- 124 V)

2. From JP2:15 (bias regulator output to the tubes). It must
be -120...-135)V.
--->> (-122 V)

3. From JP2:2 (bias monitoring voltage returned from tube deck). It must be
about -2.4V.
--->> (-1'84 V)

And all voltages are stable (no changes) during the warmup.
The message shown in the RCU is: BIAS TOO LOW: -094 V

All measures have been taken several times with the same results.

I wait for next instructions, or a solution, but at the moment no answer.

Any help will be very apreciated.

Greetings from Spain.

73's de Jose Maria EC5CPL

1262. supplier & price ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-18 23:34:16 UTC
From: null731er
Topic: 1262 Message: 1262

hello acom group,

I´m looking for a us supplier to buy a new acom2000a.
anybody out there can tell me how much this nice amp is?
did´nt find pricing details on the web and get no respons to my mail.

TnX!

1263. RE: [acom-list] supplier & price ?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-19 08:21:25 UTC
From: Chris Burbanks
Topic: 1262 Message: 1263

Who?

-----Original Message-----
From: null731er [mailto:0731er@...]
Sent: 18 November 2004 23:34
To: acom-list@yahoogroups.com
Subject: [acom-list] supplier & price ?

hello acom group,

I?m looking for a us supplier to buy a new acom2000a.
anybody out there can tell me how much this nice amp is?
did?nt find pricing details on the web and get no respons to my mail.

TnX!

Yahoo! Groups Links

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.797 / Virus Database: 541 - Release Date: 15-11-04

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.797 / Virus Database: 541 - Release Date: 15-11-04

1264. Re: BIAS TOO LOW -094V

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-22 11:59:52 UTC
From: josemaria5cpl
Topic: 1261 Message: 1264

Do you remember this one?
Well, now it works!!!!!!!!!11
The problem was a resistor. His valor was a bit up from his tolerance.
Just change it for a new one.

Thanks to Stan from ACOM and Norby LX1NO for their help.

CU in nxt contests

73's de Jose Maria EC5CPL

--- In acom-list@yahoogroups.com, "Jose Maria" <ec5cpl@e...> wrote:
> Hi folks:
> I'm a new one in the list. Just I have found it looking to solve a
problem:
> During the "warm-up" the amplifiers tuns off it-self and shows the
message:
> BIAS TOO LOW -094 V
>
> I contacted to ACOM and they ask me to test some voltages:
>
> I have followed all instructions, and checked voltages needed:
>
> Voltages on the INTERFACE PCB (in respect to the chassis):
>
> 1. Form JP3:1 (bias regulator input frp, LV power supply) - it must
> be -115...-130V.
> --->> (- 124 V)
>
> 2. From JP2:15 (bias regulator output to the tubes). It must
> be -120...-135)V.
> --->> (-122 V)
>
> 3. From JP2:2 (bias monitoring voltage returned from tube deck). It
must be
> about -2.4V.
> --->> (-1'84 V)
>
> And all voltages are stable (no changes) during the warmup.
> The message shown in the RCU is: BIAS TOO LOW: -094 V
>
> All measures have been taken several times with the same results.
>
> I wait for next instructions, or a solution, but at the moment no
answer.
>

> Any help will be very apreciated.
>
> Greetings from Spain.
>
> 73's de Jose Maria EC5CPL

1265. 2000A for free

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-22 14:13:16 UTC
From: null731er
Topic: 1265 Message: 1265

hey guys..... can`t imagine that this amp is for free.
so please.... tell me how many bugs i have to spend to get one.

73`s - einser

1266. fault codes

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-26 13:11:17 UTC
From: neil142948
Topic: 1266 Message: 1266

can anyone on the list help me out with the excel fault codes spread sheet as my 1000 is a bit sick

ok before you ask no rx when amp is in operate mode rx when in standby

instant arcfault on tx (with no drive)

ocasional arc fault when amp in standby ?????

ocasional tr4b fault on change to operate

the amp has already been returned for repair under waranty but was returned as no fault found

gm0hzi

1267. RE: [acom-list] Digest Number 397

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-26 17:48:53 UTC
From: JCMonty
Topic: 1267 Message: 1267

I dunno Neil. I'll be very interested in how this turns out as well, as I have a 1000 which I love dearly. Perhaps that's a bit strong, with which am very happy.

73 de AG4KM
Jim in Memphis, TN

Message: 1
Date: Fri, 26 Nov 2004 13:11:17 -0000
From: "neil142948" <gm0hzi@btopenworld.com>
Subject: fault codes

can anyone on the list help me out with the excel fault codes spread sheet as my 1000 is a bit sick

ok before you ask no rx when amp is in operate mode rx when in standby

instant arcfault on tx (with no drive)

ocasional arc fault when amp in standby ?????

ocasional tr4b fault on change to operate

the amp has already been returned for repair under waranty but was returned as no fault found

gm0hzi

1268. Acom 1000 another strange fault

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-30 07:17:16 UTC
From: stevehurstg8lik2003
Topic: 1267 Message: 1268

Am scratching my head regarding an intermittent fault on my new Acom 1000 (just delivered).The amp initially ran up OK allowing me to generate RF for 30 secs or so then tripped on SB2F (low airflow-though air is fine and extra fan fitted). After that I could run amp part way up through the filament delay period-for 10, 20 or so seconds from cold before the trip appeared again. tried this throughout the course of the evening and the longer the amp was left switched off before restarting the longer it took for the trip to occur. Tried it again this morning and all was fine even after 30 minutes on standby. No sign of loose connectors on the control board etc.
It was tested on air prior to despatch to me so could be a hard one to find. Its currently a warranty issue but would like to know if anyone else experienced this and what the resolution was.

1269. Re: [acom-list] Acom 1000 another strange fault

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-30 08:31:30 UTC
From: VA3MW - Port Credit
Topic: 1267 Message: 1269

Steve

Have you tried calling the factory?

Mike VA3MW

----- Original Message -----
From: "stevehurstg8lik2003" <stevehurstg8lik2003@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 30, 2004 2:17 AM
Subject: [acom-list] Acom 1000 another strange fault

>
>
> Am scratching my head regarding an intermittent fault on my new Acom
> 1000 (just delivered).The amp initially ran up OK allowing me to
> generate RF for 30 secs or so then tripped on SB2F (low airflow-
> though air is fine and extra fan fitted). After that I could run amp
> part way up through the filament delay period-for 10, 20 or so
> seconds from cold before the trip appeared again. tried this
> throughout the course of the evening and the longer the amp was left
> switched off before restarting the longer it took for the trip to
> occur. Tried it again this morning and all was fine even after 30
> minutes on standby. No sign of loose connectors on the control board
> etc.
> It was tested on air prior to despatch to me so could be a hard one
> to find. Its currently a warranty issue but would like to know if
> anyone else experienced this and what the resolution was.
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> Yahoo! Groups Links
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1270. Re: Acom 1000 another strange fault

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-30 16:34:20 UTC
From: stevehurstg8lik2003
Topic: 1267 Message: 1270

Thanks for the reply Mike. The dealer I bought it from has been in touch with Acom in Bulgaria and the problem is either the main blower (which seems to be running OK though difficult to be 100% sure as the aux blower also pushes air that way) or the Fan Monitor PCB which monitors the valve blower by rectifying a train of pulses from its Motor Sense. Possibly damaged by rough transportation though all seems in reasonable shape.
I may never know the reason as the amp will be swopped out but hope you guys don't have this one.
Best regards to all, Steve

1271. Re: fault codes

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-30 21:00:31 UTC
From: neil142948
Topic: 1266 Message: 1271

thanks to all who replyed both on and off the list
the fault was traced to a faulty vacum relay witch with the help of
krassy in the states and stan "acom"the faulty relay is now replaced
and the amp is working again

neil

1272. Re: [acom-list] Re: fault codes

Yahoo group: acom-list (1999 — 2009)
Date: 2004-11-30 22:50:56 UTC
From: k2qmf@juno.com
Topic: 1266 Message: 1272

Hi Neil,

You mentioned "Fault Codes"!
I was wondering how you were able to view
the fault codes???
Thanks for any help on this.

73, Ted K2QMF

On Tue, 30 Nov 2004 21:00:31 -0000 "neil142948" <gm0hzi@...>
writes:
>
>
> thanks to all who replyed both on and off the list
> the fault was traced to a faulty vacum relay witch with the help of
> krassy in the states and stan "acom"the faulty relay is now
> replaced
> and the amp is working again
>
>
>
> neil
>
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>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~-->
> Make a clean sweep of pop-up ads. Yahoo! Companion Toolbar.
> Now with Pop-Up Blocker. Get it for free!
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Look for special offers at Best Buy stores.

1273. Re: fault codes

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-01 16:12:59 UTC
From: neil142948
Topic: 1266 Message: 1273

to access the fault codes on the acom 1000 switch the amp off with the
switch on the front panel then press the oper button this will
illuminate the display and give the fault codes using prev and next
scroles through the fault codes
you can decode the fault codes from the list in the manuale or use the
exell spread sheet from acom

neil
--- In acom-list@yahoogroups.com, k2qmf@j... wrote:
> Hi Neil,
>
> You mentioned "Fault Codes"!
> I was wondering how you were able to view
> the fault codes???
> Thanks for any help on this.
>
> 73, Ted K2QMF
>
> On Tue, 30 Nov 2004 21:00:31 -0000 "neil142948" <gm0hzi@b...>
> writes:
> >
> >
> > thanks to all who replyed both on and off the list
> > the fault was traced to a faulty vacum relay witch with the help of
> > krassy in the states and stan "acom"the faulty relay is now
> > replaced
> > and the amp is working again
> >
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> > neil
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> > ---------- Yahoo! Groups Sponsor
> > ----------~-->
> > Make a clean sweep of pop-up ads. Yahoo! Companion Toolbar.
> > Now with Pop-Up Blocker. Get it for free!
> > http://us.click.yahoo.com/L5YrjA/eSIIAA/yQLSAA/ELTolB/TM
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> ---
> Juno Platinum $9.95. Juno SpeedBand $14.95.
> Sign up for Juno Today at http://www.juno.com!
> Look for special offers at Best Buy stores.

1274. ACOM 1000 to FT1000MP interface

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-01 20:58:50 UTC
From: N6KJ
Topic: 1274 Message: 1274

The following URL describes a QSK connection between an FT-1000MP and an ACOM 2000. Is there any reason why this won't work for an ACOM 1000? In other words, is the T/R switching circuitry the same for both amps?

http://www.albany.net/~bg/Yaesu/MPAcom.htm

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

1275. RE: [acom-list] ACOM 1000 to FT1000MP interface

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-01 21:32:21 UTC
From: Chris Burbanks
Topic: 1274 Message: 1275

Works perfectly on my Acom 1000. Chris G3SJJ

-----Original Message-----
From: N6KJ [mailto:n6kj@...]
Sent: 01 December 2004 20:59
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 to FT1000MP interface

The following URL describes a QSK connection between an FT-1000MP and an ACOM 2000. Is there any reason why this won't work for an ACOM 1000? In other words, is the T/R switching circuitry the same for both amps?

http://www.albany.net/~bg/Yaesu/MPAcom.htm

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.802 / Virus Database: 545 - Release Date: 26-11-04

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.802 / Virus Database: 545 - Release Date: 26-11-04

1276. Re: [acom-list] ACOM 1000 to FT1000MP interface

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-01 22:10:06 UTC
From: dj3iw@t-online.de
Topic: 1274 Message: 1276

Works FB with my ACOM1000!

73 de Goetz
dj3iw@...
----- Original Message -----
From: "N6KJ" <n6kj@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, December 01, 2004 8:58 PM
Subject: [acom-list] ACOM 1000 to FT1000MP interface

>
> The following URL describes a QSK connection between an FT-1000MP and an
ACOM 2000. Is there any reason why this won't work for an ACOM 1000? In
other words, is the T/R switching circuitry the same for both amps?
>
> http://www.albany.net/~bg/Yaesu/MPAcom.htm
>
> --
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1277. Tube Replacement Time?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-08 14:59:08 UTC
From: N1EU
Topic: 1277 Message: 1277

Can anyone suggest guidelines on 2000A measurements to check that
would indicate the finals are starting to sag?

Thanks & 73,
Barry N1EU

BTW, please don't use my www.albany.net/~bg Web site - it hasn't been
updated in two years. Please use n1eu.com

1278. Re: Acom 1000 another strange fault

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-10 19:58:51 UTC
From: stevehurstg8lik2003
Topic: 1267 Message: 1278

Just had feedback about this problem from the supplier, The main blower motor has a tacho generator (to prove to the control unit that its rotating!) and this was going intermittent O/C.

73s to all

Steve

-- In acom-list@yahoogroups.com, "stevehurstg8lik2003" <stevehurstg8lik2003@y...> wrote:
>
> Am scratching my head regarding an intermittent fault on my new Acom
> 1000 (just delivered).The amp initially ran up OK allowing me to
> generate RF for 30 secs or so then tripped on SB2F (low airflow-
> though air is fine and extra fan fitted). After that I could run amp
> part way up through the filament delay period-for 10, 20 or so
> seconds from cold before the trip appeared again. tried this
> throughout the course of the evening and the longer the amp was left
> switched off before restarting the longer it took for the trip to
> occur. Tried it again this morning and all was fine even after 30
> minutes on standby. No sign of loose connectors on the control board
> etc.
> It was tested on air prior to despatch to me so could be a hard one
> to find. Its currently a warranty issue but would like to know if
> anyone else experienced this and what the resolution was.

1279. RE: Strange fault

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-12 00:28:17 UTC
From: JCMonty
Topic: 1279 Message: 1279

Can you beat that? I'm glad you found it and I'm glad you will be restored soon to full capacity.

73 and Merry HanuQuansaMas
de AG4KM
Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
Sent: Saturday, December 11, 2004 12:49 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Digest Number 402

There is 1 message in this issue.

Topics in this digest:

1. Re: Acom 1000 another strange fault
From: "stevehurstg8lik2003" <stevehurstg8lik2003@...>

Message: 1
Date: Fri, 10 Dec 2004 19:58:51 -0000
From: "stevehurstg8lik2003" <stevehurstg8lik2003@...>
Subject: Re: Acom 1000 another strange fault

Just had feedback about this problem from the supplier, The main blower motor has a tacho generator (to prove to the control unit that its rotating!) and this was going intermittent O/C.

73s to all

Steve

-- In acom-list@yahoogroups.com, "stevehurstg8lik2003" <stevehurstg8lik2003@y...> wrote:
>
> Am scratching my head regarding an intermittent fault on my new Acom
> 1000 (just delivered).The amp initially ran up OK allowing me to
> generate RF for 30 secs or so then tripped on SB2F (low airflow-
> though air is fine and extra fan fitted). After that I could run amp
> part way up through the filament delay period-for 10, 20 or so
> seconds from cold before the trip appeared again. tried this
> throughout the course of the evening and the longer the amp was

left
> switched off before restarting the longer it took for the trip to
> occur. Tried it again this morning and all was fine even after 30
> minutes on standby. No sign of loose connectors on the control
board
> etc.
> It was tested on air prior to despatch to me so could be a hard one
> to find. Its currently a warranty issue but would like to know if
> anyone else experienced this and what the resolution was.

Yahoo! Groups Links

1280. Re: [acom-list] Tube Replacement Time?

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-12 01:06:21 UTC
From: n6ki@juno.com
Topic: 1277 Message: 1280

Hi Barry,

Paul NN6X is supposed to come over Sunday Morning and work 10 mtr contest from my QTH.

Just wondered what responses you got from the tube replacement
query ?

With my Alpha 78 amp in the past I would watch how much grid current
was when amp was tuned for 1500W out in Bird meter and Bird load. As tubes aged, it
required more grid current on the 3CX400A7 tubes (8874)

Wonder if same scenario works for the 4CX800s ?

73, Dennis N6KI

_____
Juno Gift Certificates
Give the gift of Internet access this holiday season.
http://www.juno.com/give

1281. New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-16 20:17:10 UTC
From: acom-list@yahoogroups.com
Topic: 1281 Message: 1281

Enter your vote today! A new poll has been created for the
acom-list group:

Have you had any problems with Acom
answering your emails or phone calls?

o Acom never answers emails or phone calls.
o Lots of problems but if I call or email enough then sooner or later I get a hold of them.
o They usually reply within a month or two if im persistan.

To vote, please visit the following web page:
http://groups.yahoo.com/group/acom-list/surveys?id=1554019

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

1282. RE: [acom-list] New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-16 21:14:37 UTC
From: N2TK, Tony
Topic: 1281 Message: 1282

There should be a "Yes" "No" block to check if you have had a problem with
Acom or getting a hold of them
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
Sent: Thursday, December 16, 2004 3:17 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] New poll for acom-list

Enter your vote today! A new poll has been created for the
acom-list group:

Have you had any problems with Acom
answering your emails or phone calls?

o Acom never answers emails or phone calls.
o Lots of problems but if I call or email enough then sooner or later I
get a hold of them.
o They usually reply within a month or two if im persistan.

To vote, please visit the following web page:
http://groups.yahoo.com/group/acom-list/surveys?id=1554019

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

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<http://us.ard.yahoo.com/SIG=129lecrs0/M=295196.4901138.6071305.3001176/D=gr
oups/S=1705063108:HM/EXP=1103314634/A=2128215/R=0/SIG=10se96mf6/*http://comp
anion.yahoo.com>

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1283. Re: [acom-list] New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 01:27:39 UTC
From: VA3MW - Port Credit
Topic: 1281 Message: 1283

What value is this to the members of this list.

Let's keep to the technical problems.

Mike VA3MW

----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 16, 2004 3:17 PM
Subject: [acom-list] New poll for acom-list

>
>
>
> Enter your vote today! A new poll has been created for the
> acom-list group:
>
> Have you had any problems with Acom
> answering your emails or phone calls?
>
> o Acom never answers emails or phone calls.
> o Lots of problems but if I call or email enough then sooner or later I
get a hold of them.
> o They usually reply within a month or two if im persistan.
>
>
> To vote, please visit the following web page:
> http://groups.yahoo.com/group/acom-list/surveys?id=1554019
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
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> Thanks!
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1284. Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 04:06:23 UTC
From: Steve
Topic: 1281 Message: 1284

Mike, I understand that discussion of the many technical problems of the amp is important. But service support for current and future owners is also important. When a customer needs help with a $6,800 amp don't you think they should get proper attention or at least have a phone call returned or an email answered?

You can voice your opinion in the poll or just be quiet and let us discuss this issue. But please don't try to silence our voice on this.

TU es 73
Steve

--- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...> wrote:
> What value is this to the members of this list.
>
> Let's keep to the technical problems.
>
> Mike VA3MW
>
> ----- Original Message -----
> From: <acom-list@yahoogroups.com>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, December 16, 2004 3:17 PM
> Subject: [acom-list] New poll for acom-list
>
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> >
> > Enter your vote today! A new poll has been created for the
> > acom-list group:
> >
> > Have you had any problems with Acom
> > answering your emails or phone calls?
> >
> > o Acom never answers emails or phone calls.
> > o Lots of problems but if I call or email enough then sooner or later I
> get a hold of them.
> > o They usually reply within a month or two if im persistan.
> >
> >
> > To vote, please visit the following web page:
> > http://groups.yahoo.com/group/acom-list/surveys?id=1554019

> >
> > Note: Please do not reply to this message. Poll votes are
> > not collected via email. To vote, you must go to the Yahoo! Groups
> > web site listed above.
> >
> > Thanks!
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1285. Re: [acom-list] New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 05:25:07 UTC
From: dj3iw@t-online.de
Topic: 1281 Message: 1285

What use is this if Yahoo doesn't let me go to the vote page???

73 de Goetz
dj3iw@...
----- Original Message -----
From: <acom-list@yahoogroups.com>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 16, 2004 8:17 PM
Subject: [acom-list] New poll for acom-list

>
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>
> Enter your vote today! A new poll has been created for the
> acom-list group:
>
> Have you had any problems with Acom
> answering your emails or phone calls?
>
> o Acom never answers emails or phone calls.
> o Lots of problems but if I call or email enough then sooner or later I
get a hold of them.
> o They usually reply within a month or two if im persistan.
>
>
> To vote, please visit the following web page:
> http://groups.yahoo.com/group/acom-list/surveys?id=1554019
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
>
> Thanks!
>

1286. RE: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 12:48:54 UTC
From: N2TK, Tony
Topic: 1281 Message: 1286

But Steve, if you are going to do a poll, try to be fair and open. As I said before, I couldn☐t respond to your poll, because you don☐t cover all the options. Not only have I had good luck with the 2000A, but when I needed help Acom has been quick and responsive. By your listed questions it does not seem like you want to hear from folks that are satisfied with Acom. So in other words, you just want to gripe.
N2TK, Tony

-----Original Message-----
From: Steve [mailto:oldfartextra@...]
Sent: Thursday, December 16, 2004 11:06 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: New poll for acom-list

Mike, I understand that discussion of the many technical problems of the amp is important. But service support for current and future owners is also important. When a customer needs help with a $6,800 amp don't you think they should get proper attention or at least have a phone call returned or an email answered?

You can voice your opinion in the poll or just be quiet and let us discuss this issue. But please don't try to silence our voice on this.

TU es 73
Steve

--- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
wrote:
> What value is this to the members of this list.
>
> Let's keep to the technical problems.
>
> Mike VA3MW
>
> ----- Original Message -----
> From: <acom-list@yahoogroups.com>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, December 16, 2004 3:17 PM
> Subject: [acom-list] New poll for acom-list
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> >
> > Enter your vote today! A new poll has been created for the

> > acom-list group:
> >
> > Have you had any problems with Acom
> > answering your emails or phone calls?
> >
> > o Acom never answers emails or phone calls.
> > o Lots of problems but if I call or email enough then sooner or
later I
> get a hold of them.
> > o They usually reply within a month or two if im persistan.
> >
> >
> > To vote, please visit the following web page:
> > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> >
> > Note: Please do not reply to this message. Poll votes are
> > not collected via email. To vote, you must go to the Yahoo! Groups
> > web site listed above.
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> > Thanks!
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netflix.com/Default?mqso=60185400>

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Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1287. Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 14:19:53 UTC
From: Steve
Topic: 1281 Message: 1287

Hey Tony, I redid the poll just for you. Anyone who voted before
will have to revote now.

73, Steve

--- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> But Steve, if you are going to do a poll, try to be fair and open.
As I said
> before, I couldn't respond to your poll, because you don't
cover
all the
> options. Not only have I had good luck with the 2000A, but when I
needed
> help Acom has been quick and responsive. By your listed questions
it does
> not seem like you want to hear from folks that are satisfied with
Acom. So
> in other words, you just want to gripe.
> N2TK, Tony
>
>
>
> -----Original Message-----
> From: Steve [mailto:oldfartextra@y...]
> Sent: Thursday, December 16, 2004 11:06 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: New poll for acom-list
>
>
> Mike, I understand that discussion of the many technical problems of
> the amp is important. But service support for current and future
> owners is also important. When a customer needs help with a $6,800
> amp don't you think they should get proper attention or at least
have
> a phone call returned or an email answered?
>
> You can voice your opinion in the poll or just be quiet and let us
> discuss this issue. But please don't try to silence our voice on
> this.
>
> TU es 73
> Steve
>
> --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> wrote:

> > What value is this to the members of this list.
> >
> > Let's keep to the technical problems.
> >
> > Mike VA3MW
> >
> > ----- Original Message -----
> > From: <acom-list@yahoogroups.com>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, December 16, 2004 3:17 PM
> > Subject: [acom-list] New poll for acom-list
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> > >
> > > Enter your vote today! A new poll has been created for the
> > > acom-list group:
> > >
> > > Have you had any problems with Acom
> > > answering your emails or phone calls?
> > >
> > > o Acom never answers emails or phone calls.
> > > o Lots of problems but if I call or email enough then sooner
or
> later I
> > get a hold of them.
> > > o They usually reply within a month or two if im persistan.
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> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > >
> > > Note: Please do not reply to this message. Poll votes are
> > > not collected via email. To vote, you must go to the Yahoo!
Groups
> > > web site listed above.
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> > > Thanks!
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> netflix.com/Default?mqso=60185400>
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> Yahoo! Groups Links
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> Service <http://docs.yahoo.com/info/terms/> .
>
>
> [Non-text portions of this message have been removed]

1288. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 14:42:39 UTC
From: Carl Moreschi
Topic: 1281 Message: 1288

How about at least one positive choice that says "they answered my calls in a reasonable fashion", which is what they did with me. What kind of poll has all negative answers? I can't take the poll since I had a positive experience.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Steve" <oldfartextra@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, December 17, 2004 9:19 AM
Subject: [acom-list] Re: New poll for acom-list

>
>
> Hey Tony, I redid the poll just for you. Anyone who voted before
> will have to revote now.
>
> 73, Steve
>
> --- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> > But Steve, if you are going to do a poll, try to be fair and open.
> As I said
> > before, I couldn't respond to your poll, because you don't
> cover
> all the
> > options. Not only have I had good luck with the 2000A, but when I
> needed
> > help Acom has been quick and responsive. By your listed questions
> it does
> > not seem like you want to hear from folks that are satisfied with
> Acom. So
> > in other words, you just want to gripe.
> > N2TK, Tony
> >
> >
> >
> > -----Original Message-----
> > From: Steve [mailto:oldfartextra@y...]
> > Sent: Thursday, December 16, 2004 11:06 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: New poll for acom-list
> >
> >
> > Mike, I understand that discussion of the many technical problems of

> > the amp is important. But service support for current and future
> > owners is also important. When a customer needs help with a $6,800
> > amp don't you think they should get proper attention or at least
> have
> > a phone call returned or an email answered?
> >
> > You can voice your opinion in the poll or just be quiet and let us
> > discuss this issue. But please don't try to silence our voice on
> > this.
> >
> > TU es 73
> > Steve
> >
> > --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> > wrote:
> > > What value is this to the members of this list.
> > >
> > > Let's keep to the technical problems.
> > >
> > > Mike VA3MW
> > >
> > > ----- Original Message -----
> > > From: <acom-list@yahoogroups.com>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Thursday, December 16, 2004 3:17 PM
> > > Subject: [acom-list] New poll for acom-list
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> > > >
> > > > Enter your vote today! A new poll has been created for the
> > > > acom-list group:
> > > >
> > > > Have you had any problems with Acom
> > > > answering your emails or phone calls?
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> > > > o Acom never answers emails or phone calls.
> > > > o Lots of problems but if I call or email enough then sooner
> or
> > later I
> > > > get a hold of them.
> > > > o They usually reply within a month or two if im persistan.
> > > >
> > > >
> > > > To vote, please visit the following web page:
> > > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > > >
> > > > Note: Please do not reply to this message. Poll votes are
> > > > not collected via email. To vote, you must go to the Yahoo!

> Groups
> > > > web site listed above.
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> > > > Thanks!
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> > oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
> > //www.
> > > netflix.com/Default?mqso=60185400>
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> > > Yahoo! Groups Links
> > > * To visit your group on the web, go to:
> > > http://groups.yahoo.com/group/acom-list/
> > >

> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms
> of
> > Service <http://docs.yahoo.com/info/terms/> .
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> > [Non-text portions of this message have been removed]
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1289. Poll

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 15:30:59 UTC
From: Hal Kennedy
Topic: 1289 Message: 1289

Every time I have ever called Acom I got Will or Krassy on the second or third ring. I see no option to vote for good service - which is all I have ever received.

I don't understand the nature of a poll that is set up with a predetermined outcome.

Hal,
N4GG
(Happy owner of two 2000As)

[Non-text portions of this message have been removed]

1290. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 15:38:35 UTC
From: VA3MW - Port Credit
Topic: 1281 Message: 1290

Steve

In order to make this fair, you have the option to answer what appears to be 3 negative comments.

You need to add 3 choices on the positive side.

There are 3 types of lies. Lies, Damn Lies and Stats. I know, I used to do it for a living. Give me a set of numbers and I can prove whatever you want to see.

That being said. I have not had a negative problem with Acom to date. I've very happy with my product and the people I deal with.

Mike VA3MW

----- Original Message -----
From: "Steve" <oldfartextra@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, December 16, 2004 11:06 PM
Subject: [acom-list] Re: New poll for acom-list

>
>
> Mike, I understand that discussion of the many technical problems of
> the amp is important. But service support for current and future
> owners is also important. When a customer needs help with a $6,800
> amp don't you think they should get proper attention or at least have
> a phone call returned or an email answered?
>
> You can voice your opinion in the poll or just be quiet and let us
> discuss this issue. But please don't try to silence our voice on
> this.
>
> TU es 73
> Steve
>
> --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> wrote:
> > What value is this to the members of this list.
> >
> > Let's keep to the technical problems.
> >
> > Mike VA3MW
> >
> > ----- Original Message -----
> > From: <acom-list@yahoogroups.com>

> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, December 16, 2004 3:17 PM
> > Subject: [acom-list] New poll for acom-list
> >
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> > > Enter your vote today! A new poll has been created for the
> > > acom-list group:
> > >
> > > Have you had any problems with Acom
> > > answering your emails or phone calls?
> > >
> > > o Acom never answers emails or phone calls.
> > > o Lots of problems but if I call or email enough then sooner or
> later I
> > get a hold of them.
> > > o They usually reply within a month or two if im persistan.
> > >
> > >
> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > >
> > > Note: Please do not reply to this message. Poll votes are
> > > not collected via email. To vote, you must go to the Yahoo! Groups
> > > web site listed above.
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> > > Thanks!
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1291. RE: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 15:40:52 UTC
From: Neil King
Topic: 1281 Message: 1291

Carl,

In my opinion this isn't a poll, it's a troll. I gave it the attention it deserves by deleting the message after reading.

My experience with Acom has been very positive. If and when an objective poll is presented I'd be happy to participate.

Neil

VA7DX/7P8NK/3DA0WC/C91NK

-----Original Message-----
From: Carl Moreschi [mailto:n4py@...]
Sent: December 17, 2004 6:43 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: New poll for acom-list

How about at least one positive choice that says "they answered my calls in a reasonable fashion", which is what they did with me. What kind of poll has all negative answers? I can't take the poll since I had a positive experience.

Carl Moreschi N4PY
Franklinton, NC
----- Original Message -----
From: "Steve" <oldfartextra@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, December 17, 2004 9:19 AM
Subject: [acom-list] Re: New poll for acom-list

>
>
> Hey Tony, I redid the poll just for you. Anyone who voted before
> will have to revote now.
>
> 73, Steve
>

1292. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 15:17:43 UTC
From: Dave Hawes
Topic: 1281 Message: 1292

Could you repost the link, Steve?

I want to vote (positive response from Acom), but the only link I could find still has only negative choices. I'll wait to vote until something positive can be said.

73 - Dave

On 17 Dec 2004 at 14:19, Steve wrote:

>
>
> Hey Tony, I redid the poll just for you. Anyone who voted before will
> have to revote now.
>
> 73, Steve
>
> --- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> > But Steve, if you are going to do a poll, try to be fair and open.
> As I said > before, I couldn't respond to your poll, because you don't
> cover all the > options. Not only have I had good luck with the 2000A,
> but when I needed > help Acom has been quick and responsive. By your
> listed questions it does > not seem like you want to hear from folks
> that are satisfied with Acom. So > in other words, you just want to
> gripe. > N2TK, Tony > > > > -----Original Message----- > From: Steve
> [mailto:oldfartextra@y...] > Sent: Thursday, December 16, 2004 11:06
> PM > To: acom-list@yahoogroups.com > Subject: [acom-list] Re: New poll
> for acom-list > > > Mike, I understand that discussion of the many
> technical problems of > the amp is important. But service support for
> current and future > owners is also important. When a customer needs
> help with a $6,800 > amp don't you think they should get proper
> attention or at least have > a phone call returned or an email
> answered? > > You can voice your opinion in the poll or just be quiet
> and let us > discuss this issue. But please don't try to silence our
> voice on > this. > > TU es 73 > Steve > > --- In
> acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...> > wrote:
> > > What value is this to the members of this list. > > > > Let's keep
> to the technical problems. > > > > Mike VA3MW > > > > ----- Original
> Message ----- > > From: <acom-list@yahoogroups.com> > > To:
> <acom-list@yahoogroups.com> > > Sent: Thursday, December 16, 2004 3:17
> PM > > Subject: [acom-list] New poll for acom-list > > > > > > > > > >
> > > > > > > Enter your vote today! A new poll has been created for
> the > > > acom-list group: > > > > > > Have you had any problems with
> Acom > > > answering your emails or phone calls? > > > > > > o Acom
> never answers emails or phone calls. > > > o Lots of problems but if
> I call or email enough then sooner or > later I > > get a hold of

> them. > > > o They usually reply within a month or two if im
> persistan. > > > > > > > > > To vote, please visit the following web
> page: > > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > > > > > > Note: Please do not reply to this message. Poll votes are
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> oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
> //www. > netflix.com/Default?mqso=60185400> > > > _____ > > Yahoo!
> Groups Links > * To visit your group on the web, go to: >
> http://groups.yahoo.com/group/acom-list/ > > * To unsubscribe
> from this group, send an email to: >
> acom-list-unsubscribe@yahoogroups.com >
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe> > >
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/> . > > > [Non-text
> portions of this message have been removed]
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1293. ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 16:05:21 UTC
From: William F. Beyer Jr.
Topic: 328 Message: 1293

Hello List:

Have purchased three ACOM's over the last few years, no problems
on this end.

Have talked with ACOM people on the phone and at Dayton Hamfest.
Contact with WILL has been very good.
---
*See you in the pileups!

Bill Beyer/N2WB

ARMY Rangers...
Lead The Way!

"Unless we stand for something,
we shall fall for anything."

*This email is intended only to be read or used by the addressee.
It is confidential and may contain legally privileged information.
If you are not the addressee indicated in this message, or
responsible for delivery of the message to such person,
you may not read, copy or deliver this message to anyone,
and you should destroy this message and kindly notify the sender
by reply email.
Confidentiality and legal privilege are not waived or lost by
reason of mistaken delivery to you.

[Non-text portions of this message have been removed]

1294. Re: [acom-list] ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 16:29:55 UTC
From: Mel Whitten
Topic: 328 Message: 1294

...I think the "poll" has already been taken. :-) I love my Acom and service too!
Mel, K0PFX

----- Original Message -----
From: William F. Beyer Jr.
To: ACOM List
Sent: Friday, December 17, 2004 10:05 AM
Subject: [acom-list] ACOM

Hello List:

Have purchased three ACOM's over the last few years, no problems
on this end.

Have talked with ACOM people on the phone and at Dayton Hamfest.
Contact with WILL has been very good.
----
*See you in the pileups!

Bill Beyer/N2WB

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1295. ACOM Poll re: Service

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 16:39:07 UTC
From: ah6fc
Topic: 1295 Message: 1295

Every time I've called ACOM, Krassy answered the phone himself. My concerns have always been promptly addressed. Krassy followed through on his promises promptly and fully. Though emails have not always been answered promptly, they always have been within a few days. This survey is rather leading toward a desired (negative) result. If a survey is created it really should be objective and non-biased.

I just received an ACOM 1000 and it's a great piece of equipment, packed well, delivered as promised, and with great documentation. You'll not be sorry if you purchase an ACOM from Krassy.

73's & Aloha,
Bill

1296. Re: [acom-list] ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 16:46:04 UTC
From: Irwin C Darack
Topic: 328 Message: 1296

Survey Response,

Two years ago, at Dayton, I purchased an Acom 1000. I had a few minor questions that were rapidly and expertly answered by Acom and, had to build a relay that prevented the "hot-switching" sensor from shutting the amp down with the way my Icom Radio(s) keyed the amp. I have used the Acom 1000 for numerous contests with not a whisper of problems to date. I am a very satisfied owner.

Irwin KD3TB

William F. Beyer Jr. wrote:

> Hello List:
>
> Have purchased three ACOM's over the last few years, no problems
> on this end.
>
> Have talked with ACOM people on the phone and at Dayton Hamfest.
> Contact with WILL has been very good.
> ----
> *See you in the pileups!
>
> Bill Beyer/N2WB
>
>
> ARMY Rangers...
> Lead The Way!
>
>
> "Unless we stand for something,
> we shall fall for anything."
>
> *This email is intended only to be read or used by the addressee.
> It is confidential and may contain legally privileged information.
> If you are not the addressee indicated in this message, or
> responsible for delivery of the message to such person,
> you may not read, copy or deliver this message to anyone,
> and you should destroy this message and kindly notify the sender
> by reply email.
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> reason of mistaken delivery to you.
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> [Non-text portions of this message have been removed]
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> <http://us.ard.yahoo.com/SIG=129v0fbha/M=298184.5639630.6699735.3001176/D=groups/S=1705063108:HM/EXP=1103385927/A=2434971/R=0/SIG=11eeoolb0/*http://www.netflix.com/Default?mqso=60185400>
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> ---
> *Yahoo! Groups Links*
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

1297. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 17:37:05 UTC
From: Henry Ingwersen, KT1J
Topic: 1281 Message: 1297

Steve,

So which block in the poll do I check:

I own an ACOM 2000A/2000S and an ACOM 1006, and I purchased an ACOM 1000 for a friend, N1JEZ. All three have performed extremely well and are used at home and off-site during contests and dxpeds (CY9, 2 x FP). Two problems were encountered several years ago with the 2000A, an early model, both related to the molex connectors. The first one I was able to resolve at home with detailed instructions received on the phone from Krassy at ACOM International in Massachusetts. The second one was done at the shop in Massachusetts with very quick turn-around. I have since had numerous telephone conversations with both Krassy and Will. They would always bend over backwards to provide information and advise. Yes, I may have had to call twice, even three times, but at least I did not have to go through a call menu and then end up with some idiot who did not know his product.

Also, the list presumably has an international readership, so when you say "ACOM", are you referring to Sofia, Teteven, Medway, (MA), Paimio, Antwerpen, or Omskoldsvik (etc.)?

Last question: Once you have the results of the poll, then what?

Henry,

KT1J (Vermont), PA0AFN
and a happy ACOM customer

----- Original Message -----
From: Steve
To: acom-list@yahoogroups.com
Sent: Friday, December 17, 2004 9:19 AM
Subject: [acom-list] Re: New poll for acom-list

Hey Tony, I redid the poll just for you. Anyone who voted before
will have to revote now.

73, Steve

--- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> But Steve, if you are going to do a poll, try to be fair and open.
As I said
> before, I couldn't respond to your poll, because you don't
cover
all the
> options. Not only have I had good luck with the 2000A, but when I
needed
> help Acom has been quick and responsive. By your listed questions
it does
> not seem like you want to hear from folks that are satisfied with

Acom. So
> in other words, you just want to gripe.
> N2TK, Tony
>
>
>
> -----Original Message-----
> From: Steve [mailto:oldfartextra@y...]
> Sent: Thursday, December 16, 2004 11:06 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: New poll for acom-list
>
>
> Mike, I understand that discussion of the many technical problems of
> the amp is important. But service support for current and future
> owners is also important. When a customer needs help with a $6,800
> amp don't you think they should get proper attention or at least
have
> a phone call returned or an email answered?
>
> You can voice your opinion in the poll or just be quiet and let us
> discuss this issue. But please don't try to silence our voice on
> this.
>
> TU es 73
> Steve
>
> --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> wrote:
> > What value is this to the members of this list.
> >
> > Let's keep to the technical problems.
> >
> > Mike VA3MW
> >
> > ----- Original Message -----
> > From: <acom-list@yahoogroups.com>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, December 16, 2004 3:17 PM
> > Subject: [acom-list] New poll for acom-list
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> > >
> > > Enter your vote today! A new poll has been created for the
> > > acom-list group:
> > >
> > > Have you had any problems with Acom
> > > answering your emails or phone calls?

> > >
> > > o Acom never answers emails or phone calls.
> > > o Lots of problems but if I call or email enough then sooner
or
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> > get a hold of them.
> > > o They usually reply within a month or two if im persistan.
> > >
> > >
> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > >
> > > Note: Please do not reply to this message. Poll votes are
> > > not collected via email. To vote, you must go to the Yahoo!
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> > > Thanks!
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> netflix.com/Default?mqso=60185400>
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> * To visit your group on the web, go to:
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> * To unsubscribe from this group, send an email to:
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> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> Service <http://docs.yahoo.com/info/terms/> .
>
>
> [Non-text portions of this message have been removed]

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acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1298. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 17:53:31 UTC
From: Mark Perrin
Topic: 1281 Message: 1298

My ACOM 1000 has performed flawlessly for 2 years. Last year and half used extensively in RTTY and RTTY contesting - FB product.

73, Mark N7MQ

At 12:37 PM 12/17/2004 -0500, Henry Ingwersen, KT1J wrote:

>Steve,
>
>So which block in the poll do I check:
>
>I own an ACOM 2000A/2000S and an ACOM 1006, and I purchased an ACOM 1000
>for a friend, N1JEZ. All three have performed extremely well and are used
>at home and off-site during contests and dxpeds (CY9, 2 x FP). Two
>problems were encountered several years ago with the 2000A, an early
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>resolve at home with detailed instructions received on the phone from
>Krassy at ACOM International in Massachusetts. The second one was done at
>the shop in Massachusetts with very quick turn-around. I have since had
>numerous telephone conversations with both Krassy and Will. They would
>always bend over backwards to provide information and advise. Yes, I may
>have had to call twice, even three times, but at least I did not have to
>go through a call menu and then end up with some idiot who did not know
>his product.
>
>Also, the list presumably has an international readership, so when you say
>"ACOM", are you referring to Sofia, Teteven, Medway, (MA), Paimio,
>Antwerpen, or Omskoldsvik (etc.)?
>
>Last question: Once you have the results of the poll, then what?
>
>Henry,
>
>KT1J (Vermont), PA0AFN
>and a happy ACOM customer
>
>
> ----- Original Message -----
> From: Steve
> To: acom-list@yahoogroups.com
> Sent: Friday, December 17, 2004 9:19 AM
> Subject: [acom-list] Re: New poll for acom-list
>
>
>
> Hey Tony, I redid the poll just for you. Anyone who voted before

> will have to revote now.
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> 73, Steve
>
> --- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
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> As I said
> > before, I couldn't respond to your poll, because you don't
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> > options. Not only have I had good luck with the 2000A, but when I
> needed
> > help Acom has been quick and responsive. By your listed questions
> it does
> > not seem like you want to hear from folks that are satisfied with
> Acom. So
> > in other words, you just want to gripe.
> > N2TK, Tony
> >
> >
> >
> > -----Original Message-----
> > From: Steve [mailto:oldfartextra@y...]
> > Sent: Thursday, December 16, 2004 11:06 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: New poll for acom-list
> >
> >
> > Mike, I understand that discussion of the many technical problems of
> > the amp is important. But service support for current and future
> > owners is also important. When a customer needs help with a $6,800
> > amp don't you think they should get proper attention or at least
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> > You can voice your opinion in the poll or just be quiet and let us
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> > this.
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> > TU es 73
> > Steve
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> > --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> > wrote:
> > > What value is this to the members of this list.
> > >
> > > Let's keep to the technical problems.
> > >
> > > Mike VA3MW
> > >

> > > ----- Original Message -----
> > > From: <acom-list@yahoogroups.com>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Thursday, December 16, 2004 3:17 PM
> > > Subject: [acom-list] New poll for acom-list
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> > > > >
> > > > > Enter your vote today! A new poll has been created for the
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> oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
> //www.
> > netflix.com/Default?mqso=60185400>
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> > Yahoo! Groups Links
> > * To visit your group on the web, go to:
> > http://groups.yahoo.com/group/acom-list/
> >
> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms
> of
> > Service <http://docs.yahoo.com/info/terms/> .
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> > [Non-text portions of this message have been removed]
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>--
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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1299. Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 20:45:17 UTC
From: lx1no
Topic: 1281 Message: 1299

Hi,

> Also, the list presumably has an international readership, so when you say "ACOM", are you referring to Sofia, Teteven, Medway, (MA), Paimio, Antwerpen, or Omskoldsvik (etc.)?

I side this. "Which" Acom do you mean? Acom-USA or Acom-"worldwide"? If you want a poll about Acom-USA, define it as such. If you mean any other Acom vendor or Acom-LZ, define it as such. I'm VERY satisfied with Acom-LZs support. They helped me fast (within 24h which is quite reasonable) and very precise on two occasions. No need to complain at all.

If you got trouble in the US with Acom, please don't judge on what's going on accross your border line.

My two eurocents,
73 Norby

1300. RE: [acom-list] ACOM Poll re: Service

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 21:23:49 UTC
From: B Martn
Topic: 1295 Message: 1300

I have to say I had some troubles contacting Acom when my 2000A acted up with a problem, but ultimately I not only got through to Krassy, but he personally drove up to my QTH in Maine on a Sunday last July with a box full of new GU74B's to match properly in my amp on site! Plus he readjusted all the proper voltages after the install and I must say the amp operates better than when it came to me as new. It was very good service in my opinion.

Bruce K1XR

-----Original Message-----
From: ah6fc [mailto:ah6fc@...]
Sent: Friday, December 17, 2004 11:39 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM Poll re: Service

Every time I've called ACOM, Krassy answered the phone himself. My concerns have always been promptly addressed. Krassy followed through on his promises promptly and fully. Though emails have not always been answered promptly, they always have been within a few days. This survey is rather leading toward a desired (negative) result. If a survey is created it really should be objective and non-biased.

I just received an ACOM 1000 and it's a great piece of equipment, packed well, delivered as promised, and with great documentation. You'll not be sorry if you purchase an ACOM from Krassy.

73's & Aloha,
Bill

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<http://us.ard.yahoo.com/SIG=129ppq0ce/M=298184.5639630.6699735.3001176/D=groups/S=1705063108:HM/EXP=1103387970/A=2434971/R=0/SIG=11eeoolb0/*http:/www.netflix.com/Default?mqso=60185400> click here

<http://us.adserver.yahoo.com/l?M=298184.5639630.6699735.3001176/D=groups/S=:HM/A=2434971/rand=129024903>

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* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1301. RE: [acom-list] ACOM Poll re: Service

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 21:54:53 UTC
From: Barry
Topic: 1295 Message: 1301

The poll was done with an obvious agenda in mind. However, the idea
was good as there have been many new list subscribers over the last
few months looking for exactly this kind of feedback, so keep it
coming.
73,
Barry W2UP

On 17 Dec 2004 B Martn wrote:

>
> I have to say I had some troubles contacting Acom when my 2000A acted
> up with a problem, but ultimately I not only got through to Krassy,
> but he personally drove up to my QTH in Maine on a Sunday last July
> with a box full of new GU74B's to match properly in my amp on site!
> Plus he readjusted all the proper voltages after the install and I
> must say the amp operates better than when it came to me as new. It
> was very good service in my opinion.
>
> Bruce K1XR
>
>
>
> -----Original Message-----
> From: ah6fc [mailto:ah6fc@...]
> Sent: Friday, December 17, 2004 11:39 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] ACOM Poll re: Service
>
>
> Every time I've called ACOM, Krassy answered the phone himself. My
> concerns have always been promptly addressed. Krassy followed through
> on his promises promptly and fully. Though emails have not always
> been answered promptly, they always have been within a few days. This
> survey is rather leading toward a desired (negative) result. If a
> survey is created it really should be objective and non-biased.
>
> I just received an ACOM 1000 and it's a great piece of equipment,
> packed well, delivered as promised, and with great documentation.
> You'll not be sorry if you purchase an ACOM from Krassy.
>
> 73's & Aloha,
> Bill
>
>
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> tt p:/www.netflix.com/Default?mqso=60185400> click here
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> <http://us.adserver.yahoo.com/l?M=298184.5639630.6699735.3001176/D=gro
> up s/S=:HM/A=2434971/rand=129024903>
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> Yahoo! Groups Links
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> <http://docs.yahoo.com/info/terms/> Service.
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1302. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 21:55:40 UTC
From: R. Sigismonti
Topic: 1281 Message: 1302

I agree. Not a problem from my perspective.

Sig
On Dec 17, 2004, at 9:42 AM, Carl Moreschi wrote:

> How about at least one positive choice that says "they answered my
> calls in
> a reasonable fashion", which is what they did with me. What kind of
> poll
> has all negative answers? I can't take the poll since I had a
> positive
> experience.
>
> Carl Moreschi N4PY
> Franklinton, NC
> ----- Original Message -----
> From: "Steve" <oldfartextra@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, December 17, 2004 9:19 AM
> Subject: [acom-list] Re: New poll for acom-list
>
>
> >
> >
> > Hey Tony, I redid the poll just for you. Anyone who voted before
> > will have to revote now.
> >
> > 73, Steve
> >
> > --- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...>
> wrote:
> > > But Steve, if you are going to do a poll, try to be fair and open.
> > As I said
> > > before, I couldn't respond to your poll, because you don't
> > cover
> > all the
> > > options. Not only have I had good luck with the 2000A, but when I
> > needed
> > > help Acom has been quick and responsive. By your listed questions
> > it does
> > > not seem like you want to hear from folks that are satisfied with
> > Acom. So
> > > in other words, you just want to gripe.
> > > N2TK, Tony
> > >

> > >
> > >
> > > -----Original Message-----
> > > From: Steve [mailto:oldfartextra@y...]
> > > Sent: Thursday, December 16, 2004 11:06 PM
> > > To: acom-list@yahoogroups.com
> > > Subject: [acom-list] Re: New poll for acom-list
> > >
> > >
> > > Mike, I understand that discussion of the many technical problems
> of
> > > the amp is important. But service support for current and future
> > > owners is also important. When a customer needs help with a
> $6,800
> > > amp don't you think they should get proper attention or at least
> > have
> > > a phone call returned or an email answered?
> > >
> > > You can voice your opinion in the poll or just be quiet and let us
> > > discuss this issue. But please don't try to silence our voice on
> > > this.
> > >
> > > TU es 73
> > > Steve
> > >
> > > --- In acom-list@yahoogroups.com, "VA3MW - Port Credit"
> <va3mw@p...>
> > > wrote:
> > > > What value is this to the members of this list.
> > > >
> > > > Let's keep to the technical problems.
> > > >
> > > > Mike VA3MW
> > > >
> > > > ----- Original Message -----
> > > > From: <acom-list@yahoogroups.com>
> > > > To: <acom-list@yahoogroups.com>
> > > > Sent: Thursday, December 16, 2004 3:17 PM
> > > > Subject: [acom-list] New poll for acom-list
> > > >
> > > >
> > > > >
> > > > >
> > > > >
> > > > > Enter your vote today! A new poll has been created for the
> > > > > acom-list group:
> > > > >
> > > > > Have you had any problems with Acom
> > > > > answering your emails or phone calls?
> > > > >

> > > > >   o Acom never answers emails or phone calls.
> > > > >   o Lots of problems but if I call or email enough then sooner
> > or
> > > later I
> > > > get a hold of them.
> > > > >   o They usually reply within a month or two if im persistan.
> > > > >
> > > > >
> > > > > To vote, please visit the following web page:
> > > > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > > > >
> > > > > Note: Please do not reply to this message. Poll votes are
> > > > > not collected via email. To vote, you must go to the Yahoo!
> > Groups
> > > > > web site listed above.
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> > > > > Thanks!
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> oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
> > //www.
> > > netflix.com/Default?mqso=60185400>
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> > > Yahoo! Groups Links
> > > *   To visit your group on the web, go to:
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> > > *   To unsubscribe from this group, send an email to:
> > > acom-list-unsubscribe@yahoogroups.com
> > > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> > > *   Your use of Yahoo! Groups is subject to the Yahoo! Terms
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> > > Service <http://docs.yahoo.com/info/terms/> .
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> Yahoo! Groups Links
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> • To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> • To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> • Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
>

1303. tu es 73

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 23:05:22 UTC
From: Steve
Topic: 1303 Message: 1303

Well, the pen (keyboard) is mightier than the sword. It only took all this and finally my email to ACOM USA has been answered. I will now have to go to the poll and change my answer.

I plan on ordering an amp but at $6800 I would like to know if there is some support and service from the company. I guess if I ever have problem with ACOM USA again I will have to go thru all of this to get it fixed.?!

... -.-

1304. Re: [acom-list] tu es 73

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-17 23:53:23 UTC
From: curtis BURKE
Topic: 1303 Message: 1304

Buy anything else and you would probably need it fixed 10x more though.:-)
73 de Curtis MW0USK
----- Original Message -----
From: Steve
To: acom-list@yahoogroups.com
Sent: Friday, December 17, 2004 11:05 PM
Subject: [acom-list] tu es 73

Well, the pen (keyboard) is mightier than the sword. It only took
all this and finally my email to ACOM USA has been answered. I will
now have to go to the poll and change my answer.

I plan on ordering an amp but at $6800 I would like to know if there
is some support and service from the company. I guess if I ever
have problem with ACOM USA again I will have to go thru all of this
to get it fixed.?!

... -.-

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1305. RE: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-18 01:49:25 UTC
From: N2TK, Tony
Topic: 1281 Message: 1305

Well Steve, I did not see a change in the questions. So will iterate my experience with Acom. I bought one of the early 2000A□s. We first tried them out at V26B. Krassy brought them down there. They worked well for the contest. I brought it home. It developed a problem. The early 2000A□s had a problem with the connector with the heater line. I was going to Boston on an overnight business trip. So I dropped it off at Krassy□s office. The next morning I picked it up. He had repaired it the previous evening and tested it. Brought it home. Mounted it on a shelf near the ceiling in the basement where my coax enters the house, Use the RCU to control it. Haven□t paid any attention to it except for once a year I take off the cover to check for dust. There isn□t any. I had bought the external fan option. I cut up a dense furnace filter and mount it on the external fan. Every year I change the filter. It keeps the dust out. It works great.
N2TK, Tony

-----Original Message-----
From: Steve [mailto:oldfartextra@...]
Sent: Friday, December 17, 2004 9:20 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: New poll for acom-list

Hey Tony, I redid the poll just for you. Anyone who voted before
will have to revote now.

73, Steve

--- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> But Steve, if you are going to do a poll, try to be fair and open.
As I said
> before, I couldn't respond to your poll, because you don't
cover
all the
> options. Not only have I had good luck with the 2000A, but when I
needed
> help Acom has been quick and responsive. By your listed questions
it does
> not seem like you want to hear from folks that are satisfied with
Acom. So
> in other words, you just want to gripe.
> N2TK, Tony
>
>
>
> -----Original Message-----
> From: Steve [mailto:oldfartextra@y...]
> Sent: Thursday, December 16, 2004 11:06 PM

> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: New poll for acom-list
>
>
> Mike, I understand that discussion of the many technical problems of
> the amp is important. But service support for current and future
> owners is also important. When a customer needs help with a $6,800
> amp don't you think they should get proper attention or at least
have
> a phone call returned or an email answered?
>
> You can voice your opinion in the poll or just be quiet and let us
> discuss this issue. But please don't try to silence our voice on
> this.
>
> TU es 73
> Steve
>
> --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> wrote:
> > What value is this to the members of this list.
> >
> > Let's keep to the technical problems.
> >
> > Mike VA3MW
> >
> > ----- Original Message -----
> > From: <acom-list@yahoogroups.com>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, December 16, 2004 3:17 PM
> > Subject: [acom-list] New poll for acom-list
> >
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> > >
> > > Enter your vote today! A new poll has been created for the
> > > acom-list group:
> > >
> > > Have you had any problems with Acom
> > > answering your emails or phone calls?
> > >
> > > o Acom never answers emails or phone calls.
> > > o Lots of problems but if I call or email enough then sooner
or
> later I
> > get a hold of them.
> > > o They usually reply within a month or two if im persistan.
> > >
> > >

> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > >
> > > Note: Please do not reply to this message. Poll votes are
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> > > web site listed above.
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> > > Thanks!
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//www.
> netflix.com/Default?mqso=60185400>
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> Yahoo! Groups Links
> * To visit your group on the web, go to:
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>
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> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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>
> [Non-text portions of this message have been removed]

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anion.yahoo.com>

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1306. RE: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-18 02:29:55 UTC
From: Alex
Topic: 1281 Message: 1306

Hi everybody,
Finally the comments on the acom-list means more than
the intented poll ..hi. Anyway I can not access the
poll site.

I am another happy user of 1 x ACOM 2000 and 2 x ACOM
1000.
I had excellent support from Sofia team (Lydia, Vasco
and Stan).
I wish I had a 2 m ACOM amp also..

73,
Alex
YO9HighPower - A45WD - YR9P

_____
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

1307. RE: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-23 22:32:43 UTC
From: Chris Burbanks
Topic: 1281 Message: 1307

Just returned home after a few days away and seen this thread. It really is in bad taste and poorly thought through. Which agents and which countries? I own an Acom 1000, it has worked perfectly during the 18 months I have owned it. I have used it in a number of contests with no problems. On purchase the UK agent was very friendly and efficient. I had cause to ask a question about keying via FT1kMP and received a prompt response from Stan in Bulgaria. I know the UK repair person and have every confidence that he would provide good service if required. I have used an Acom 2000a during a major contest and again found no problems.

Chris G3SJJ, op at G8D and GU8D.

-----Original Message-----
From: Henry Ingwersen, KT1J [mailto:kt1j@...]
Sent: 17 December 2004 17:37
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: New poll for acom-list

Steve,

So which block in the poll do I check:

I own an ACOM 2000A/2000S and an ACOM 1006, and I purchased an ACOM 1000 for a friend, N1JEZ. All three have performed extremely well and are used at home and off-site during contests and dxpeds (CY9, 2 x FP). Two problems were encountered several years ago with the 2000A, an early model, both related to the molex connectors. The first one I was able to resolve at home with detailed instructions received on the phone from Krassy at ACOM International in Massachusetts. The second one was done at the shop in Massachusetts with very quick turn-around. I have since had numerous telephone conversations with both Krassy and Will. They would always bend over backwards to provide information and advise. Yes, I may have had to call twice, even three times, but at least I did not have to go through a call menu and then end up with some idiot who did not know his product.

Also, the list presumably has an international readership, so when you say "ACOM", are you referring to Sofia, Teteven, Medway, (MA), Paimio, Antwerpen, or Omskoldsvik (etc.)?

Last question: Once you have the results of the poll, then what?

Henry,

KT1J (Vermont), PA0AFN
and a happy ACOM customer

----- Original Message -----
From: Steve
To: acom-list@yahoogroups.com
Sent: Friday, December 17, 2004 9:19 AM
Subject: [acom-list] Re: New poll for acom-list

Hey Tony, I redid the poll just for you. Anyone who voted before
will have to revote now.

73, Steve

--- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> But Steve, if you are going to do a poll, try to be fair and open.
As I said
> before, I couldn't respond to your poll, because you don't
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all the
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needed
> help Acom has been quick and responsive. By your listed questions
it does
> not seem like you want to hear from folks that are satisfied with
Acom. So
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> N2TK, Tony
>
>
>
> -----Original Message-----
> From: Steve [mailto:oldfartextra@y...]
> Sent: Thursday, December 16, 2004 11:06 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: New poll for acom-list
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>
> Mike, I understand that discussion of the many technical problems of
> the amp is important. But service support for current and future
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> amp don't you think they should get proper attention or at least
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> Steve
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> > Mike VA3MW
> >
> > ----- Original Message -----
> > From: <acom-list@yahoogroups.com>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, December 16, 2004 3:17 PM
> > Subject: [acom-list] New poll for acom-list
> >
> >
> > >
> > >
> > >
> > > Enter your vote today! A new poll has been created for the
> > > acom-list group:
> > >
> > > Have you had any problems with Acom
> > > answering your emails or phone calls?
> > >
> > > o Acom never answers emails or phone calls.
> > > o Lots of problems but if I call or email enough then sooner
or
> later I
> > get a hold of them.
> > > o They usually reply within a month or two if im persistan.
> > >
> > >
> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > >
> > > Note: Please do not reply to this message. Poll votes are
> > > not collected via email. To vote, you must go to the Yahoo!
Groups
> > > web site listed above.
> > >
> > > Thanks!
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> > > Yahoo! Groups Links
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oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
//www.
> netflix.com/Default?mqso=60185400>
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> Yahoo! Groups Links
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> Service <http://docs.yahoo.com/info/terms/> .
>
>
> [Non-text portions of this message have been removed]

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.816 / Virus Database: 554 - Release Date: 14-12-04

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.816 / Virus Database: 554 - Release Date: 14-12-04

1308. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-24 12:34:38 UTC
From: alsopb
Topic: 1281 Message: 1308

Chris,

With all due respect, you missed the point.

1) Nobody has complaints when the unit is working.
2) The problems/complaints occur when the unit isn't working and you
can't get if fixed.
3) Past history of good service doesn't help a bit when one is trying
to get his problem fixed now without manufacturer response.

The poll you see is the result of frustration. The owner of a $6K
black box who can't get anybody from the manufacturer to respond to
them is rightly upset. It's that simple. Just because you and many
EU people are having good luck with the EU response, it doesn't mean
people in the US are. The "poll" and addition responses by US owners
clearly indicates this split in service response.

What better place to bring these type of problems to light than the
reflector? Shouldn't other ACOM owners know about these difficulties?
It would seem you are saying that it is in bad taste. I don't agree.

Given the recent posts on the new phone numbers/relocation of ACOM,
lets hope the US problem is solved. Since I own a 4+ year old
ACOM2000, I sure hope so.

73 de Brian/K3KO

Chris Burbanks wrote:
> Just returned home after a few days away and seen this thread. It really is
> in bad taste and poorly thought through. Which agents and which countries? I
> own an Acom 1000, it has worked perfectly during the 18 months I have owned
> it. I have used it in a number of contests with no problems. On purchase the
> UK agent was very friendly and efficient. I had cause to ask a question
> about keying via FT1kMP and received a prompt response from Stan in
> Bulgaria. I know the UK repair person and have every confidence that he
> would provide good service if required. I have used an Acom 2000a during a
> major contest and again found no problems.
>
> Chris G3SJJ, op at G8D and GU8D.
>
>
> -----Original Message-----
> From: Henry Ingwersen, KT1J [mailto:kt1j@...]
> Sent: 17 December 2004 17:37
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Re: New poll for acom-list
>

>
>
> Steve,
>
> So which block in the poll do I check:
>
> I own an ACOM 2000A/2000S and an ACOM 1006, and I purchased an ACOM 1000 for
> a friend, N1JEZ. All three have performed extremely well and are used at
> home and off-site during contests and dxpeds (CY9, 2 x FP). Two problems
> were encountered several years ago with the 2000A, an early model, both
> related to the molex connectors. The first one I was able to resolve at home
> with detailed instructions received on the phone from Krassy at ACOM
> International in Massachusetts. The second one was done at the shop in
> Massachusetts with very quick turn-around. I have since had numerous
> telephone conversations with both Krassy and Will. They would always bend
> over backwards to provide information and advise. Yes, I may have had to
> call twice, even three times, but at least I did not have to go through a
> call menu and then end up with some idiot who did not know his product.
>
> Also, the list presumably has an international readership, so when you say
> "ACOM", are you referring to Sofia, Teteven, Medway, (MA), Paimio,
> Antwerpen, or Omskoldsvik (etc.)?
>
> Last question: Once you have the results of the poll, then what?
>
> Henry,
>
> KT1J (Vermont), PA0AFN
> and a happy ACOM customer
>
>
> ----- Original Message -----
> From: Steve
> To: acom-list@yahoogroups.com
> Sent: Friday, December 17, 2004 9:19 AM
> Subject: [acom-list] Re: New poll for acom-list
>
>
>
> Hey Tony, I redid the poll just for you. Anyone who voted before
> will have to revote now.
>
> 73, Steve
>
> --- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@v...> wrote:
> > But Steve, if you are going to do a poll, try to be fair and open.
> As I said
> > before, I couldn't respond to your poll, because you don't
> cover
> all the

> > options. Not only have I had good luck with the 2000A, but when I
> needed
> > help Acom has been quick and responsive. By your listed questions
> it does
> > not seem like you want to hear from folks that are satisfied with
> Acom. So
> > in other words, you just want to gripe.
> > N2TK, Tony
> >
> >
> >
> > -----Original Message-----
> > From: Steve [mailto:oldfartextra@y...]
> > Sent: Thursday, December 16, 2004 11:06 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: New poll for acom-list
> >
> >
> > Mike, I understand that discussion of the many technical problems of
> > the amp is important. But service support for current and future
> > owners is also important. When a customer needs help with a $6,800
> > amp don't you think they should get proper attention or at least
> have
> > a phone call returned or an email answered?
> >
> > You can voice your opinion in the poll or just be quiet and let us
> > discuss this issue. But please don't try to silence our voice on
> > this.
> >
> > TU es 73
> > Steve
> >
> > --- In acom-list@yahoogroups.com, "VA3MW - Port Credit" <va3mw@p...>
> > wrote:
> > > What value is this to the members of this list.
> > >
> > > Let's keep to the technical problems.
> > >
> > > Mike VA3MW
> > >
> > > ----- Original Message -----
> > > From: <acom-list@yahoogroups.com>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Thursday, December 16, 2004 3:17 PM
> > > Subject: [acom-list] New poll for acom-list
> > >
> > >
> > >
> > > >
> > > >
> > > >

> > > > Enter your vote today! A new poll has been created for the
> > > > acom-list group:
> > > >
> > > > Have you had any problems with Acom
> > > > answering your emails or phone calls?
> > > >
> > > > o Acom never answers emails or phone calls.
> > > > o Lots of problems but if I call or email enough then sooner
> or
> > later I
> > > > get a hold of them.
> > > > o They usually reply within a month or two if im persistan.
> > > >
> > > >
> > > > To vote, please visit the following web page:
> > > > http://groups.yahoo.com/group/acom-list/surveys?id=1554019
> > > >
> > > > Note: Please do not reply to this message. Poll votes are
> > > > not collected via email. To vote, you must go to the Yahoo!
> Groups
> > > > web site listed above.
> > > >
> > > > Thanks!
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> oups/S=1705063108:HM/EXP=1103342804/A=2434971/R=0/SIG=11eeoolb0/*http:
> //www.
> > netflix.com/Default?mqso=60185400>
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> >
> > Yahoo! Groups Links
> > * To visit your group on the web, go to:
> > http://groups.yahoo.com/group/acom-list/
> >
> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms
> of
> > Service <http://docs.yahoo.com/info/terms/> .
> >
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> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
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> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>

> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> [Non-text portions of this message have been removed]
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> ---
> Incoming mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.816 / Virus Database: 554 - Release Date: 14-12-04
>
> ---
> Outgoing mail is certified Virus Free.
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> Version: 6.0.816 / Virus Database: 554 - Release Date: 14-12-04
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1309. Re: [acom-list] Re: New poll for acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2004-12-29 13:28:17 UTC
From: Bob Naumann - N5NJ
Topic: 1281 Message: 1309

K3KO Said:
> With all due respect, you missed the point.
<snip>
> What better place to bring these type of problems to light than the
> reflector? Shouldn't other ACOM owners know about these difficulties?
> It would seem you are saying that it is in bad taste. I don't agree.

I think that with only 10 votes, this poll is not going to serve any purpose. It certainly will not provide any insight into what's been going on here in the U.S.

>
> Given the recent posts on the new phone numbers/relocation of ACOM,
> lets hope the US problem is solved. Since I own a 4+ year old
> ACOM2000, I sure hope so.
>

Also, with Will leaving Acom, it's obvious that something's been going on that we don't have knowledge of.

Let's hope things will get back to "normal" after these changes.

73,
N5NJ
(2000A)

1310. ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 05:02:13 UTC
From: N6KJ
Topic: 1310 Message: 1310

I've had my ACOM 1000 for about 2 weeks now. It was working fine until a couple of days ago. Now, I am getting ARC Faults all the time. My VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing seems to help. Anyone know what ARC Fault means and how I correct the problem?

Do you Yahoo!?
The all-new My Yahoo! ? What will yours do?

[Non-text portions of this message have been removed]

1311. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 05:12:02 UTC
From: Bob Naumann - N5NJ
Topic: 1310 Message: 1311

Generally speaking, it means that something is wrong with (or has changed in) your antenna system that the protection circuit sees as arcing. I would look closely at your antenna for something that changed physically. It is possible that something in your amp has failed, but that's not likely. For example, the end of a dipole might be rubbing against a tower leg, or fence, or aluminum gutter or ? It is also possible that a connector has failed and has burned.

Try a different antenna or dummy load to confirm the problem.

N5NJ

> ------------Original Message------------
> From: N6KJ <n6kj@...>
> To: acom-list@yahoogroups.com
> Date: Sat, Jan-1-2005 11:02 PM
> Subject: [acom-list] ARC Fault
>
>
> I've had my ACOM 1000 for about 2 weeks now. It was working fine until
> a couple of days ago. Now, I am getting ARC Faults all the time. My
> VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing
> seems to help. Anyone know what ARC Fault means and how I correct the
> problem?
>
>
>
> ---------------------------------
> Do you Yahoo!?
> The all-new My Yahoo! - What will yours do?
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1312. Re[2]: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 07:40:33 UTC
From: Sergei Kulyov
Topic: 1310 Message: 1312

Which radio you run?

73! Sergei UA3AP

Happy New Year from Moscow!

-----Original Message-----
From: "Bob Naumann - N5NJ" <n5nj@...>
To: acom-list@yahoogroups.com
Date: Sat, 1 Jan 2005 23:12:02 -0600
Subject: Re: [acom-list] ARC Fault

> ATTACHMENT: text/html
>

1313. Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 16:09:48 UTC
From: Phil Catterall
Topic: 1313 Message: 1313

For N6KJ:

I recall a friend having a similar problem during the IARU Contest earlier this year at on eof the GB5HQ multi-multi staitons. A vacuum relay was the problem in the antenna changeover line and this was repaired FOC under warranty in the UK. The Acom 1000 in question had been barely run in at the time as it was almost new. I heard later that a bad batch of those relays had been fitted to several Acom 1000s - heresay though and not confirmed. It could be that is your problem.

I have an Acom 1000 and have found so far to be 100% reliable after 2 years use.

73 Phil G4OBK

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.298 / Virus Database: 265.6.7 - Release Date: 30/12/2004

1314. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 18:47:09 UTC
From: Howard Klein
Topic: 1310 Message: 1314

Adding an amplifier can cause PL-259's and their soldered connections to breakdown if they are marginal. If none of the other suggestions work check your soldering.

Howard..K2HK

----Original Message Follows----
From: N6KJ <n6kj@...>
I've had my ACOM 1000 for about 2 weeks now. It was working fine until a couple of days ago. Now, I am getting ARC Faults all the time. My VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing seems to help. Anyone know what ARC Fault means and how I correct the problem?

1315. Re: Re[2]: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 23:41:26 UTC
From: N6KJ
Topic: 1310 Message: 1315

At the moment I am using an FT-857D. As soon as my FT-1000MP is back from repair I will use it!

Sergei Kulyov <ua3ap@...> wrote:
Which radio you run?

73! Sergei UA3AP

Happy New Year from Moscow!

-----Original Message-----
From: "Bob Naumann - N5NJ"
To: acom-list@yahoogroups.com
Date: Sat, 1 Jan 2005 23:12:02 -0600
Subject: Re: [acom-list] ARC Fault

> ATTACHMENT: text/html
>

Yahoo! Groups Links

Do you Yahoo!?
Send holiday email and support a worthy cause. Do good.

[Non-text portions of this message have been removed]

1316. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-02 23:54:39 UTC
From: Curtis
Topic: 1310 Message: 1316

Hi All Happy New Year!
I had a similar fault displayed intermittantly, this was traced to a loose/corroded connection from my balun to driven element on Cusshcraft X7... fixed this connection - no further problems..
73 de Curtis MW0USK
----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Sent: Sunday, January 02, 2005 6:47 PM
Subject: RE: [acom-list] ARC Fault

Adding an amplifier can cause PL-259's and their soldered connections to breakdown if they are marginal. If none of the other suggestions work check your soldering.

Howard..K2HK

----Original Message Follows----
From: N6KJ <n6kj@...>
I've had my ACOM 1000 for about 2 weeks now. It was working fine until a couple of days ago. Now, I am getting ARC Faults all the time. My VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing seems to help. Anyone know what ARC Fault means and how I correct the problem?

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1317. re[2]: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-03 00:50:48 UTC
From: Jim Idelson
Topic: 1310 Message: 1317

Yes . . . that Arc Fault is really a great detector of problems. You want to be absolutely certain that the problem is not in the antenna/feedline/switching before suspecting the amp. Best to load up on the frequency where problems exist into a dummy load with a really good quality short cable . . . and do the standard amp tuning . . . if that doesn't work, then maybe look at an amp problem.

73,

Jim

>
Hi All Happy New Year!
I had a similar fault displayed intermittantly, this was traced to a loose/corroded connection from my balun to driven element on Cusshcraft X7... fixed this connection - no further problems..
73 de Curtis MW0USK
----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Sent: Sunday, January 02, 2005 6:47 PM
Subject: RE: [acom-list] ARC Fault

Adding an amplifier can cause PL-259's and their soldered connections to breakdown if they are marginal. If none of the other suggestions work check your soldering.

Howard..K2HK

----Original Message Follows----
From: N6KJ <n6kj@...>
I've had my ACOM 1000 for about 2 weeks now. It was working fine until a couple of days ago. Now, I am getting ARC Faults all the time. My VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing seems to help. Anyone know what ARC Fault means and how I correct the problem?

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

1318. Re: re[2]: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-03 00:58:11 UTC
From: Curtis
Topic: 1310 Message: 1318

I agree Jim, the problem I had only happened very occasionally but with the useful info read from this forum I, sorted it after changing coax, plugs etc... Shows the good level of protection built in works! Hi Hi!
73 Curtis
----- Original Message -----
From: Jim Idelson
To: acom-list@yahoogroups.com
Sent: Monday, January 03, 2005 12:50 AM
Subject: re[2]: [acom-list] ARC Fault

Yes . . . that Arc Fault is really a great detector of problems. You want to be absolutely certain that the problem is not in the antenna/feedline/switching before suspecting the amp. Best to load up on the frequency where problems exist into a dummy load with a really good quality short cable . . . and do the standard amp tuning . . . if that doesn't work, then maybe look at an amp problem.

73,

Jim

>
Hi All Happy New Year!
I had a similar fault displayed intermittantly, this was traced to a loose/corroded connection from my balun to driven element on Cusshcraft X7... fixed this connection - no further problems..
73 de Curtis MW0USK
----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Sent: Sunday, January 02, 2005 6:47 PM
Subject: RE: [acom-list] ARC Fault

Adding an amplifier can cause PL-259's and their soldered connections to breakdown if they are marginal. If none of the other suggestions work check your soldering.

Howard..K2HK

----Original Message Follows----
From: N6KJ <n6kj@...>
I've had my ACOM 1000 for about 2 weeks now. It was working fine until a couple of days ago. Now, I am getting ARC Faults all the time. My VSWR is great (1.2:1 or less). I've tried lowering the power. Nothing seems to help. Anyone know what ARC Fault means and how I correct the problem?

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1319. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-03 02:13:23 UTC
From: N6KJ
Topic: 1310 Message: 1319

Thanks for all of the input everybody. I found the problem. One of my PL-259's was not screwed on tightly enough. It looks like things are back to normal.

Anyone know where I can get a list of all the possible faults and their causes? I didn't see "ARC Fault" Listed in the manual. I assumed it mean "ARC", but wasn't sure where it thought the ARC was. More info in the manual would be nice, but if anyone has more info on other possible faults I'd appreciate it. Thanks again. Have a happy new year everyone. I'm very happy with my ACOM 1000 so far!

Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.

[Non-text portions of this message have been removed]

1320. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-03 03:24:53 UTC
From: VA3MW - Port Credit
Topic: 1310 Message: 1320

I would agree with this. What type of Balun are you using? If it is
something like a BN86, I've managed to blow up a couple of them.

Mike VA3MW

----- Original Message -----
From: "Curtis" <curtis@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, January 02, 2005 6:54 PM
Subject: Re: [acom-list] ARC Fault

>
> Hi All Happy New Year!
> I had a similar fault displayed intermittantly, this was traced to a
loose/corroded connection from my balun to driven element on Cusshcraft
X7... fixed this connection - no further problems..
> 73 de Curtis MW0USK
> ----- Original Message -----
> From: Howard Klein
> To: acom-list@yahoogroups.com
> Sent: Sunday, January 02, 2005 6:47 PM
> Subject: RE: [acom-list] ARC Fault
>
>
> Adding an amplifier can cause PL-259's and their soldered connections to
> breakdown if they are marginal. If none of the other suggestions work
check
> your soldering.
>
> Howard..K2HK
>
> ----Original Message Follows----
> From: N6KJ <n6kj@...>
> I've had my ACOM 1000 for about 2 weeks now. It was working fine until
a
> couple of days ago. Now, I am getting ARC Faults all the time. My VSWR
is
> great (1.2:1 or less). I've tried lowering the power. Nothing seems to
> help. Anyone know what ARC Fault means and how I correct the problem?
>
>
>
>
> --

> Yahoo! Groups Links

>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1321. ACOM2000a LOW HEATER CURRENT

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-12 11:56:08 UTC
From: lfe73
Topic: 1321 Message: 1321

The LOW HEATER CURRENT fault just started this morning. Nothing changed other than amp kicks off this am with the LOW HEATER CURRENT 1.6A fault and won't turn back on. It had been on and idiling for about 1/2 hour before it kicked off. Mains Voltage and 220VAC outlet voltage checks fine. Tube gone?

1322. Re: [acom-list] ACOM2000a LOW HEATER CURRENT

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-12 13:00:50 UTC
From: Bruce W3BP
Topic: 1321 Message: 1322

I would take the bottom cover (the one just below the tubes) off and
check a connector which has two white wires going to it. I think you may
find that this connector has failed. This connector is located in the
corner and a close inspection is required. Solder the wires directly to
the circuit board.
Bruce W3BP

lfe73 wrote:

>
> The LOW HEATER CURRENT fault just started this morning. Nothing
> changed other than amp kicks off this am with the LOW HEATER CURRENT
> 1.6A fault and won't turn back on. It had been on and idiling for
> about 1/2 hour before it kicked off. Mains Voltage and 220VAC
> outlet voltage checks fine. Tube gone?
>
>
>
>
> --
> *Yahoo! Groups Links*
>
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>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
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> Service <http://docs.yahoo.com/info/terms/>.
>
>

1323. Re: [acom-list] ACOM2000a LOW HEATER CURRENT

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-12 13:20:27 UTC
From: Henry Ingwersen, KT1J
Topic: 1321 Message: 1323

Probably not the tubes. Check the two pairs of white molex connectors in the heater line. If they've turned dark, from overheating, that's your problem. Replace or solder straight through.

Henry, KT1J, PA0AFN
----- Original Message -----
From: lfe73
To: acom-list@yahoogroups.com
Sent: Wednesday, January 12, 2005 6:56 AM
Subject: [acom-list] ACOM2000a LOW HEATER CURRENT

The LOW HEATER CURRENT fault just started this morning. Nothing
changed other than amp kicks off this am with the LOW HEATER CURRENT
1.6A fault and won't turn back on. It had been on and idiling for
about 1/2 hour before it kicked off. Mains Voltage and 220VAC
outlet voltage checks fine. Tube gone?

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[Non-text portions of this message have been removed]

1324. RE: [acom-list] ACOM2000a LOW HEATER CURRENT

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-12 14:26:18 UTC
From: B Martn
Topic: 1321 Message: 1324

I cannot tell you what is going on with the heater voltage issue, however Henry has addressed that issue. But if anyone ever sees a fault that says something on the order of "screen voltage on before warm up complete" and the amp shuts off, you have a bad tube most likely. I was getting this one for a short time and the amp would start as soon as I hit the warm up key again. At each start up, the amount of resets I had to do to get the amp to turn on increased until it would not start at all, but only trip out.

Krassy came up and changed out my tubes with new matched ones, and the problem went away and I have not had an issue since.

Bruce
K1XR

-----Original Message-----
From: Henry Ingwersen, KT1J [mailto:kt1j@...]
Sent: Wednesday, January 12, 2005 8:20 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM2000a LOW HEATER CURRENT

Probably not the tubes. Check the two pairs of white molex connectors in the heater line. If they've turned dark, from overheating, that's your problem. Replace or solder straight through.

Henry, KT1J, PA0AFN
----- Original Message -----
From: lfe73
To: acom-list@yahoogroups.com
Sent: Wednesday, January 12, 2005 6:56 AM
Subject: [acom-list] ACOM2000a LOW HEATER CURRENT

The LOW HEATER CURRENT fault just started this morning. Nothing changed other than amp kicks off this am with the LOW HEATER CURRENT 1.6A fault and won't turn back on. It had been on and idiling for about 1/2 hour before it kicked off. Mains Voltage and 220VAC outlet voltage checks fine. Tube gone?

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1325. Re: ACOM2000a LOW HEATER CURRENT

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-12 19:39:36 UTC
From: lfe73
Topic: 1321 Message: 1325

Thanks all for the input both on and off the reflector. Since the Amp is still in warantee (April 04) I have sent it out today to Mass for repair. I will post what was found on the reflector.

Larry K1UO

1326. WTB: ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-15 15:05:58 UTC
From: k3pzk3pz
Topic: 1326 Message: 1326

I am looking to buy an ACOM 1000 in great shape. If anybody has one
that they would like to sell, please contact me.

Paul
K3PZ

1327. Bonus effect

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-22 15:07:42 UTC
From: k2hk_2000
Topic: 1327 Message: 1327

Last night I discovered a new added feature of my Acom 2000. After starting my linear I noticed the heater LED blinking, indicating a warning that the filament voltage was approaching the high limit. I checked the measurements and discovered my mains were at 267 Volts AC and the heaters were at 13.8 Volts. These voltages although high were still within the operating parameters. A short while later I noticed the linear had turned off with the message that the heater voltage was above 14.4 Volts. From that point I could not restart the linear. When checking my mains voltage with a voltmeter it was 272 Volts AC and the 110 lines in the house were at 134 Volts. this occured at 10 PM at night. A call to the power company got a truck and crew here at about 11PM. On a night when the temperature was at minus 10 F they switched out a faulty pole transformer. It took them about 20 minutes once they had the transformer at the location. One of the advantages of the high voltage before the repair was extra bright lighting which enabled me to see all the dust I had missed in the shack. Thanks to Acom for saving my house appliances.
Howard...K2HK

1328. Re: [acom-list] Bonus effect

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-22 15:29:38 UTC
From: Bob Naumann - N5NJ
Topic: 1327 Message: 1328

Great story Howard.

Thanks for passing it along!

73,

Bob

> ------------Original Message------------
> From: "k2hk_2000" <howk2@...>
> To: acom-list@yahoogroups.com
> Date: Sat, Jan-22-2005 9:07 AM
> Subject: [acom-list] Bonus effect
>
>
>
> Last night I discovered a new added feature of my Acom 2000. After
> starting my linear I noticed the heater LED blinking, indicating a
> warning that the filament voltage was approaching the high limit. I
> checked the measurements and discovered my mains were at 267 Volts
> AC and the heaters were at 13.8 Volts. These voltages although high
> were still within the operating parameters. A short while later I
> noticed the linear had turned off with the message that the heater
> voltage was above 14.4 Volts. From that point I could not restart
> the linear. When checking my mains voltage with a voltmeter it was
> 272 Volts AC and the 110 lines in the house were at 134 Volts. this
> occured at 10 PM at night. A call to the power company got a truck
> and crew here at about 11PM. On a night when the temperature was at
> minus 10 F they switched out a faulty pole transformer. It took them
> about 20 minutes once they had the transformer at the location. One
> of the advantages of the high voltage before the repair was extra
> bright lighting which enabled me to see all the dust I had missed in
> the shack. Thanks to Acom for saving my house appliances.
> Howard...K2HK
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> Yahoo! Groups Links
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1329. Re: Extra fan for Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-23 01:21:15 UTC
From: Serge Stroobandt
Topic: 1153 Message: 1329

Dear Phil,

Reading your messages about mounting the extra fan for the ACOM 1000
are very helpful.

I have one additional question though:
Have you considered leaving the mesh filter in its original place and
placing the fan with an additional carbon filter on top?
This way, the RF shielding of the amplifier would be preserved.

For the other readers:
In Zürich, Switerland (Pusterla), I found a SUNON branded fan 92mm
square 24VDC 3.6W. Model number: KDE2409PTS1-6
As you may infer from the above, I still need to test it.

73 de Serge
HB9DWU - ON4BAA
http://SALSAwaves.com/propagation

--- In acom-list@yahoogroups.com, "Phil Catterall G4OBK" <g4obk@p...>
wrote:

> The extra fan I used is the Papst "Slimline AC Fan" dimensions 25mm
deep and
> 92mm square.The mesh filter originally fitted to the Acom 1000 case
fits on
> the outboard side of the fan and the fan fits on the outside of the
Acom
> 1000 case.

>...

> When I checked my Acom 1000 the rear of the mesh cover was covered
in a
> thick layer of dirt - I haven't been around the back for about a
year. So I
> got the half inch paint brush out and gave it a clean down. It must
have
> been restricting air flow by 50%, so that is worth mentioning.
>
> 73 Phil
>
> Phil Catterall (G4OBK, GD4OBK, GM4OBK,
> SV5/G4OBK, SV9/G4OBK)
>
> Ham Radio Website: http://www.qsl.net/g4obk
> e-mail: g4obk@p...

>
>
> > > From: "kb7our" <kb7our@m...>
> > > Date: 2004/04/09 Fri AM 09:46:22 CDT
> > > To: acom-list@yahoogroups.com
> > > Subject: [acom-list] Second Fan for ACOM 1000
> > >
> > > I'd like to get the second fan for my 1000 just to have it on
hand
> > > should I ever have a use for it with future operations. Does
anyone
> > > know of an equivalent to the ACOM offering or would I be better
off
> > > to just go with the "plug & play" factory fan? Any idea what it
> > > costs?
> > >
> > > Wade
> >
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.656 / Virus Database: 421 - Release Date: 09/04/2004

1330. Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 03:18:35 UTC
From: k3pzk3pz
Topic: 1330 Message: 1330

I just picked up a used Acom 1000 and I need some touchup paint for the front panel. Does anybody know the correct color (olive drab?) or where I can get some? Any help would be appreciated.
This is one sweet amplifier!

Paul
K3PZ

1331. Re: [acom-list] Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 03:49:53 UTC
From: Bob Naumann - N5NJ
Topic: 1330 Message: 1331

Paul,

I'm not certain what the correct color is, but I know that if you find a well-stocked hobby shop, they will have many different kinds of paint for airplane models. The selection of colors and finishes is amazing. One of them will likely match perfectly.

73,
Bob

> ------------Original Message------------
> From: "k3pzk3pz" <k3pz@...>
> To: acom-list@yahoogroups.com
> Date: Tue, Jan-25-2005 9:19 PM
> Subject: [acom-list] Paint For Acom 1000 Front Panel
>
>
>
> I just picked up a used Acom 1000 and I need some touchup paint for
> the front panel. Does anybody know the correct color (olive drab?) or
> where I can get some? Any help would be appreciated.
> This is one sweet amplifier!
>
> Paul
> K3PZ
>
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> Yahoo! Groups Links
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1332. Re: [acom-list] Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 11:23:23 UTC
From: Henry Ingwersen, KT1J
Topic: 1330 Message: 1332

Paul: Have you tried ACOM International in Medway, MA?

Henry, KT1J, PA0AFN
----- Original Message -----
From: k3pzk3pz
To: acom-list@yahoogroups.com
Sent: Tuesday, January 25, 2005 10:18 PM
Subject: [acom-list] Paint For Acom 1000 Front Panel

I just picked up a used Acom 1000 and I need some touchup paint for
the front panel. Does anybody know the correct color (olive drab?) or
where I can get some? Any help would be appreciated.
This is one sweet amplifier!

Paul
K3PZ

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

1333. Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 12:55:01 UTC
From: k3pzk3pz
Topic: 1330 Message: 1333

Henry,

I have not called Krassy yet but if I can't find something local then I will call him. I'll also check the hobby shops as suggested. BTW, does everybody realize that the price on the Acom amplifiers has gone up because of the decline of the dollar in Europe? The Acom 1000 is now $3250.00 and the Acom 2000 is now $6850.00 (according to Krassy when I spoke to him earler this month). This Acom 1000 really is a no non-sense amplifier. I can see why it has all 5 ratings on Eham.net.

Paul
K3PZ

--- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J" <kt1j@w...> wrote:
> Paul: Have you tried ACOM International in Medway, MA?
>
> Henry, KT1J, PA0AFN
> ----- Original Message -----
> From: k3pzk3pz
> To: acom-list@yahoogroups.com
> Sent: Tuesday, January 25, 2005 10:18 PM
> Subject: [acom-list] Paint For Acom 1000 Front Panel
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>
>
> I just picked up a used Acom 1000 and I need some touchup paint for
> the front panel. Does anybody know the correct color (olive drab?) or
> where I can get some? Any help would be appreciated.
> This is one sweet amplifier!
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> Paul
> K3PZ
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>
> [Non-text portions of this message have been removed]

1334. RE: [acom-list] Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 13:46:34 UTC
From: B Martn
Topic: 1330 Message: 1334

Paul,

I hate to say it, but get used to ever escalating prices on most everything we buy from now on. The US Dollar is currently trading at 1.30 ish on the Euro, and expected to decline further to the 1.60 range over the next year or so. Also ex-Fed Chairman Volker was quoted last week as saying he believes the US has a 75% probability of a full blown dollar crisis within 5 years. I don't know what that means quantitatively in terms of value, but I am afraid to ask.

The price of an Alpha 87A is also trading up around the price of the Acom, so this is the range of top of the line amps. But don't forget, the Japanese products will go up too as the dollar continues to fall. Did you ever think you'd be looking at Icom transceivers in the $11K range? Don't tell me there is no inflation.

I was watching Lou Dobbs last night, the new projections coming out for the deficit are now an astounding, shocking, amazing, not even comprehensible $875 billion next year. And you thought $400 billion was not believable, this is on the way to Mars. Better buy your Acom now boys, while you have any money left at all. All I can say is, I am very proud to be a responsible American to have NOT voted for the party that created this mess, and I for one will not cry when the next down draft comes in like a tsunami..probably starting with our home valuations collapsing as real interest rates take off. It's just too bad there were not enough of us.

Bruce K1XR

-----Original Message-----
From: k3pzk3pz [mailto:k3pz@...]
Sent: Wednesday, January 26, 2005 7:55 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Paint For Acom 1000 Front Panel

Henry,

I have not called Krassy yet but if I can't find something local then I will call him. I'll also check the hobby shops as suggested. BTW, does everybody realize that the price on the Acom amplifiers has gone up because of the decline of the dollar in Europe? The Acom 1000 is now $3250.00 and the Acom 2000 is now $6850.00 (according to Krassy when I spoke to him earler this month). This Acom 1000 really is a no non-sense amplifier. I can see why it has all 5 ratings on Eham.net.

Paul
K3PZ

--- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J" <kt1j@w...>
wrote:
> Paul: Have you tried ACOM International in Medway, MA?
>
> Henry, KT1J, PA0AFN
> ----- Original Message -----
> From: k3pzk3pz
> To: acom-list@yahoogroups.com
> Sent: Tuesday, January 25, 2005 10:18 PM
> Subject: [acom-list] Paint For Acom 1000 Front Panel
>
>
>
> I just picked up a used Acom 1000 and I need some touchup paint
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> where I can get some? Any help would be appreciated.
> This is one sweet amplifier!
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> K3PZ
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[Non-text portions of this message have been removed]

1335. Re: [acom-list] Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 17:58:02 UTC
From: R. Sigismonti
Topic: 1330 Message: 1335

Bruce, you should keep your political views to yourself. This reflector is about ACOM amps, not a forum to discuss your failed views. Live with it, you lost. Now try to be constructive and don't put this type of stuff on a reflector, unless it is a moveon.org reflector.

Sig

On Jan 26, 2005, at 8:46 AM, B Martn wrote:

> Paul,
>
> I hate to say it, but get used to ever escalating prices on most
> everything we buy from now on. The US Dollar is currently trading at
> 1.30 ish on the Euro, and expected to decline further to the 1.60
> range
> over the next year or so. Also ex-Fed Chairman Volker was quoted last
> week as saying he believes the US has a 75% probability of a full
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> dollar crisis within 5 years. I don't know what that means
> quantitatively in terms of value, but I am afraid to ask.
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> The price of an Alpha 87A is also trading up around the price of the
> Acom, so this is the range of top of the line amps. But don't forget,
> the Japanese products will go up too as the dollar continues to fall.
> Did you ever think you'd be looking at Icom transceivers in the $11K
> range?   Don't tell me there is no inflation.
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> I was watching Lou Dobbs last night, the new projections coming out
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> comprehensible $875 billion next year. And you thought $400 billion
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> collapsing as real interest rates take off. It's just too bad there
> were not enough of us.
>
> Bruce K1XR
>
>
>

>
> -----Original Message-----
> From: k3pzk3pz [mailto:k3pz@...]
> Sent: Wednesday, January 26, 2005 7:55 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Paint For Acom 1000 Front Panel
>
>
> Henry,
>
> I have not called Krassy yet but if I can't find something local then
> I will call him. I'll also check the hobby shops as suggested. BTW,
> does everybody realize that the price on the Acom amplifiers has gone
> up because of the decline of the dollar in Europe? The Acom 1000 is
> now $3250.00 and the Acom 2000 is now $6850.00 (according to Krassy
> when I spoke to him earler this month). This Acom 1000 really is a no
> non-sense amplifier. I can see why it has all 5 ratings on Eham.net.
>
> Paul
> K3PZ
>
>
> --- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J" <kt1j@w...>
> wrote:
> > Paul: Have you tried ACOM International in Medway, MA?
> >
> > Henry, KT1J, PA0AFN
> >   ----- Original Message -----
> >   From: k3pzk3pz
> >   To: acom-list@yahoogroups.com
> >   Sent: Tuesday, January 25, 2005 10:18 PM
> >   Subject: [acom-list] Paint For Acom 1000 Front Panel
> >
> >
> >
> >   I just picked up a used Acom 1000 and I need some touchup paint
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> >   the front panel. Does anybody know the correct color (olive
> drab?) or
> >   where I can get some? Any help would be appreciated.
> >   This is one sweet amplifier!
> >
> >   Paul
> >   K3PZ
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1336. RE: [acom-list] Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 18:06:51 UTC
From: B Martn
Topic: 1330 Message: 1336

Sig,

If you understood economic viewpoints (and maybe you do) and the dynamics of what is going on, you certainly would not call my views "failed". However, the discussion was brought up concerning the pricing of the Amps based on the falling US Dollar; I am only following the lead of the topic. If you voted for this, then "you" are the one that has to live with this; it will be your problem. Me, I have made my preparations to "deal" with what is going to happen. I only wish you guys out there luck if you have not done so yourself. So let the blind lead the blind,

Enjoy,

Bruce

-----Original Message-----
From: R. Sigismonti [mailto:n3rs@...]
Sent: Wednesday, January 26, 2005 12:58 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Paint For Acom 1000 Front Panel

Bruce, you should keep your political views to yourself. This reflector is about ACOM amps, not a forum to discuss your failed views. Live with it, you lost. Now try to be constructive and don't put this

type of stuff on a reflector, unless it is a moveon.org reflector.

Sig

On Jan 26, 2005, at 8:46 AM, B Martn wrote:

> Paul,
>
> I hate to say it, but get used to ever escalating prices on most
> everything we buy from now on. The US Dollar is currently trading at
> 1.30 ish on the Euro, and expected to decline further to the 1.60
> range
> over the next year or so. Also ex-Fed Chairman Volker was quoted
last
> week as saying he believes the US has a 75% probability of a full
> blown
> dollar crisis within 5 years. I don't know what that means
> quantitatively in terms of value, but I am afraid to ask.
>
> The price of an Alpha 87A is also trading up around the price of the
> Acom, so this is the range of top of the line amps. But don't

forget,
> the Japanese products will go up too as the dollar continues to fall.
> Did you ever think you'd be looking at Icom transceivers in the $11K
> range? Don't tell me there is no inflation.
>
> I was watching Lou Dobbs last night, the new projections coming out
> for
> the deficit are now an astounding, shocking, amazing, not even
> comprehensible $875 billion next year. And you thought $400 billion
> was
> not believable, this is on the way to Mars. Better buy your Acom now
> boys, while you have any money left at all. All I can say is, I am
> very
> proud to be a responsible American to have NOT voted for the party
> that
> created this mess, and I for one will not cry when the next down
draft
> comes in like a tsunami..probably starting with our home valuations
> collapsing as real interest rates take off. It's just too bad there
> were not enough of us.
>
> Bruce K1XR
>
>
>
>
> -----Original Message-----
> From: k3pzk3pz [mailto:k3pz@...]
> Sent: Wednesday, January 26, 2005 7:55 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Paint For Acom 1000 Front Panel
>
>
> Henry,
>
> I have not called Krassy yet but if I can't find something local then
> I will call him. I'll also check the hobby shops as suggested. BTW,
> does everybody realize that the price on the Acom amplifiers has gone
> up because of the decline of the dollar in Europe? The Acom 1000 is
> now $3250.00 and the Acom 2000 is now $6850.00 (according to Krassy
> when I spoke to him earler this month). This Acom 1000 really is a no
> non-sense amplifier. I can see why it has all 5 ratings on Eham.net.
>
> Paul
> K3PZ
>
>
> --- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J" <kt1j@w...>
> wrote:

> > Paul: Have you tried ACOM International in Medway, MA?
> >
> > Henry, KT1J, PA0AFN
> > ----- Original Message -----
> > From: k3pzk3pz
> > To: acom-list@yahoogroups.com
> > Sent: Tuesday, January 25, 2005 10:18 PM
> > Subject: [acom-list] Paint For Acom 1000 Front Panel
> >
> >
> >
> > I just picked up a used Acom 1000 and I need some touchup paint
> for
> > the front panel. Does anybody know the correct color (olive
> drab?) or
> > where I can get some? Any help would be appreciated.
> > This is one sweet amplifier!
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> > Paul
> > K3PZ
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> > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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> > [Non-text portions of this message have been removed]
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Yahoo! Groups Links

1337. Re: [acom-list] Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 18:11:34 UTC
From: R. Sigismonti
Topic: 1330 Message: 1337

I apologize to the list for sending the last message out to all of you.
I made a mistake. it was meant to be private for Bruce only.

Sig

1338. Re: [acom-list] Re: Paint For Acom 1000 Front Panel

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-26 21:39:56 UTC
From: Barry
Topic: 1330 Message: 1338

Sig - apology accepted. We all hit the wrong TO: button from time to time.

Bruce (and others contemplating a response) - Politics is not acceptable on this list, even under the guise of an Acom-related topic such as cost. I refrained from replying earlier, figuring it would die on its own. Let's nip it in the bid now.

73,
Barry W2UP (list manager)

On 26 Jan 2005 at 12:58, R. Sigismonti wrote:

>
> Bruce, you should keep your political views to yourself. This
> reflector is about ACOM amps, not a forum to discuss your failed
> views.
> Live with it, you lost. Now try to be constructive and don't put
> this
> type of stuff on a reflector, unless it is a moveon.org reflector.
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> > Paul,
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> > proud to be a responsible American to have NOT voted for the party
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> > created this mess, and I for one will not cry when the next down
> > draft comes in like a tsunami..probably starting with our home
> > valuations collapsing as real interest rates take off. It's just
> > too bad there were not enough of us.
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> > Bruce K1XR
> >
> >
> >
> >
> > -----Original Message-----
> > From: k3pzk3pz [mailto:k3pz@...]
> > Sent: Wednesday, January 26, 2005 7:55 AM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: Paint For Acom 1000 Front Panel
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> > --- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J"
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> > > Paul: Have you tried ACOM International in Medway, MA?
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> Yahoo! Groups Links
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1339. Question about 6 meter and HF

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-29 20:40:12 UTC
From: hfdxjunkie
Topic: 1339 Message: 1339

Hello group, I am currently on the waiting list for the 1000A. But now thinking about it , this just might be a problem unless there is a good fix. I planned on putting a Bird antenna switch from the output of the amp to switch from hf antennas to my 6 meter antenna. But my problem is this. I run a TS-2000X for 6 meters and a Mark V for HF. If I am using the amp on HF with the Mark V, how do you monitor 6 meters from the other radio without disconnecting the coax from the switch and going direct? I have thought about doing it a few ways but doesnt seem there is no easy way around it, its either listen to 6 or listen to HF. I dont think 1 input and 1 output is too good of an idea for there amp. Even HF/6 meter rigs have seperate outputs for both bands. Anyone else think of a good easy way around this? Besides using 2 amps?

Thanks for any input, 73 Pete

1340. Re: [acom-list] Question about 6 meter and HF

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-29 21:50:47 UTC
From: Bob Naumann - N5NJ
Topic: 1339 Message: 1340

The easist way to get around this problem is to use an Icom 756 Pro III. Just kidding...

Seriously, there are solutions to this such as the Array solutions Ampmaster:
http://www.arraysolutions.com/Products/transcoswitch.htm

It's a bit pricey, but would do the job.

73,

Bob N5NJ

> ------------Original Message------------
> From: "hfdxjunkie" <hfdxjunkie@...>
> To: acom-list@yahoogroups.com
> Date: Sat, Jan-29-2005 2:40 PM
> Subject: [acom-list] Question about 6 meter and HF
>
>
>
> Hello group, I am currently on the waiting list for the 1000A. But
> now thinking about it , this just might be a problem unless there is
> a good fix. I planned on putting a Bird antenna switch from the
> output of the amp to switch from hf antennas to my 6 meter antenna.
> But my problem is this. I run a TS-2000X for 6 meters and a Mark V
> for HF. If I am using the amp on HF with the Mark V, how do you
> monitor 6 meters from the other radio without disconnecting the coax
> from the switch and going direct? I have thought about doing it a few
> ways but doesnt seem there is no easy way around it, its either
> listen to 6 or listen to HF. I dont think 1 input and 1 output is too
> good of an idea for there amp. Even HF/6 meter rigs have seperate
> outputs for both bands. Anyone else think of a good easy way around
> this? Besides using 2 amps?
>
> Thanks for any input, 73 Pete
>
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> Yahoo! Groups Links
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1341. Re: [acom-list] Question about 6 meter and HF

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-29 21:52:29 UTC
From: Bill Somerville
Topic: 1339 Message: 1341

Not much help, but it works just fine with an Icom IC-756 which can use
either socket for any band.

hfdxjunkie wrote:

>
> Hello group, I am currently on the waiting list for the 1000A. But
> now thinking about it , this just might be a problem unless there is
> a good fix. I planned on putting a Bird antenna switch from the
> output of the amp to switch from hf antennas to my 6 meter antenna.
> But my problem is this. I run a TS-2000X for 6 meters and a Mark V
> for HF. If I am using the amp on HF with the Mark V, how do you
> monitor 6 meters from the other radio without disconnecting the coax
> from the switch and going direct? I have thought about doing it a few
> ways but doesnt seem there is no easy way around it, its either
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> this? Besides using 2 amps?
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>

1342. 2000A Relay fault help.

Yahoo group: acom-list (1999 — 2009)
Date: 2005-01-30 21:40:54 UTC
From: Salvatore Console
Topic: 1342 Message: 1342

Hello all,

My Acom 2000A started to develop an intermittent problem.
While sending CW the amp would shut down and the controller would
say "Relay Closed it Should be Open".
Does this error mean the antenna vacuum relay or the relay
on the Phase Detector???

Does anyone have any info or suggestions on this problem??
Any help would be very much appreciated...

73, Ted K2QMF

1343. What's causing Acom 1000 Auto protection fault: PN07

Yahoo group: acom-list (1999 — 2009)
Date: 2005-02-01 18:40:27 UTC
From: noqrmpls
Topic: 1343 Message: 1343

My 1000 kicked off during transmission and began flashing Auto protection PN07. Does not reset with AC power recycle on. Does this mean that I have lost High Voltage (analog) whatever that means? Any trouble shooting pointers would be appreciated.

Bob, KW4CQ

1344. Re: What's causing Acom 1000 Auto protection fault: PN07

Yahoo group: acom-list (1999 — 2009)
Date: 2005-02-18 18:09:11 UTC
From: noqrmpls
Topic: 1343 Message: 1344

--- In acom-list@yahoogroups.com, "noqrmpls" <kw4cq@a...> wrote:
>
> My 1000 kicked off during transmission and began flashing Auto
> protection PN07. Does not reset with AC power recycle on. Does
> this mean that I have lost High Voltage (analog) whatever that
> means? Any trouble shooting pointers would be appreciated.
>
> Bob, KW4CQ

This a follow-up to my above:

Sent the amplifier back to Acom for testing and repair but after extensive testing and evaluation by Wil and Krassy the trouble could not be replicated by Acom. It appears that this was just a tempory glitch and it cleared itself. I have been running the amplifier without a hitch for several days now and the origial problem has not returned. This is still the best amplifier in its class on the market. GO ACOM!!!

73 all,

Bob KW4CQ

1345. ACOM 1000 Standby Power Consumption

Yahoo group: acom-list (1999 — 2009)
Date: 2005-02-19 18:31:48 UTC
From: Kelly Johnson
Topic: 1345 Message: 1345

Does anyone know how much power the ACOM 1000 consumes in standby?

1346. ACOM 2000 CONFUSED?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-02-27 23:09:01 UTC
From: k0dan
Topic: 1346 Message: 1346

Hello group...

I was operating 17M SSB today, I don't often get on 17.

I noticed I could hear the ACOM's servos occasionally during voice peaks. Very short bursts, like they were tweaking the amp, shorter duration than when you switch bands and the amp adjusts after a QSY.

The amp seemed to happy, antenna network SWR was about 1.25:1, ran legal limit, no alarms or shutdowns.

I noticed that as the servo "tweaks" were occuring, the band segment on the control box was changing...as if the ACOM was confused and was not sure what band segment I was on!

The station I was in QSO with reported nothing noticeable.

I did try the ENTER-ENTER manual tune procedure (probelm reamined) and also tried transmitting into a dummy load (problem remained).

All cable connections appear tight, there is no sign of RFI. Good system grounding.

Not sure this is happening on all bands, will have to check that out further...it seems I was on 15M a few days ago and was aware of hearing servo noise, but paid it no attention at the time.

Has anyone had this happen, have any ideas what's going on?

Thanks and 73,

Dan
K0DAN

1347. Re: [acom-list] ACOM 2000 CONFUSED

Yahoo group: acom-list (1999 — 2009)
Date: 2005-02-28 01:24:32 UTC
From: alsopb
Topic: 1347 Message: 1347

Hi Dan,

I had the same thing happen in the 160M SSB contest. I was 1 KHz above 1825KHz on LSB. As I talked the amp sometimes switched segments.

When you think about it, the amp senses the RF freq. It uses the sensed frequency to determine the segment it should be in. When you talk the frequency covers a bit more than 2KHz. Thus it could have sensed some RF at 1824 KHz and determined it should be within the next lower segment.

I don't know how enough smarts could be put into the unit to avoid this.

Fortunately as the frequency increases, the size of the segments gets larger. The chances of being close to a segment boundary get less and less. Perhaps 160M is the worst case.

73 de Brian/K3KO

1348. Acom 1000 in RTTY contesting?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 08:47:10 UTC
From: kristinnandersen
Topic: 1348 Message: 1348

Hello:

I am considering buying an Acom 1000. I would use it for RTTY contesting from home. Comments on this would be appreciated:

- The extra fan would be suggested?
- With that fan, how much output power is expected?
- Any other comments?

73 - Kristinn, TF3KX

1349. Re: [acom-list] Acom 1000 in RTTY contesting?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 09:12:44 UTC
From: Nodir Tursoon-Zadeh
Topic: 1348 Message: 1349

Hi,

I used this amp for few RTTY contests without additional fan. It works
great. Excellent piece of equipment.

Nodir Tursoon-Zadeh
EY8MM
www.qsl.net/ey8mm

----- Original Message -----
From: "kristinnandersen" <tf3kx@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, March 01, 2005 1:47 PM
Subject: [acom-list] Acom 1000 in RTTY contesting?

>
>
> Hello:
>
> I am considering buying an Acom 1000. I would use it for RTTY
> contesting from home. Comments on this would be appreciated:
>
> - The extra fan would be suggested?
> - With that fan, how much output power is expected?
> - Any other comments?
>
> 73 - Kristinn, TF3KX
>
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> Yahoo! Groups Links
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1350. Re: [acom-list] Acom 1000 in RTTY contesting?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 10:17:15 UTC
From: Steve Hurst
Topic: 1348 Message: 1350

The extra fan is a small price for peace of mind and enhancing reliability under heavy duty cycle. The amp is rated to run 1kw continuous when this is fitted and I have tried mine 1kw+ out with plain carrier for an extended period into a load and all is happy. It really is a wonderful amp and so well protected. A real good buy.

Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

1351. Re: [acom-list] Acom 1000 in RTTY contesting?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 14:43:24 UTC
From: Lance Collister
Topic: 1348 Message: 1351

Steve Hurst wrote:

>The extra fan is a small price for peace of mind and enhancing reliability under heavy duty cycle. The amp is rated to run 1kw continuous when this is fitted and I have tried mine 1kw+ out with plain carrier for an extended period into a load and all is happy. It really is a wonderful amp and so well protected. A real good buy.
>
>Send instant messages to your online friends http://uk.messenger.yahoo.com
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>Yahoo! Groups Links
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Yes, and certainly for use with full duty cycle modes such as JT65A on 6m EME, the extra little fan will be a very welcome addition! GL and hope to see more of you ACOM 1000 owners on 6m! The amp has rapidly gained a reputation as being a REAL SUCCESSFUL PERFORMER on 6m EME, and is the choice of DXpeditions for that application! GL and VY 73, Lance

--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728
URL: http://www.bigskyspaces.com/w7gj

1352. Re: [acom-list] Acom 1000 in RTTY contesting?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 16:14:22 UTC
From: Mark Perrin
Topic: 1348 Message: 1352

Use my ACOM 1000 extensively in RTTY contests and general DXing. No extra fan. Fabulous amp.

73, Mark N7MQ

At 08:47 AM 3/1/2005 +0000, you wrote:

>Hello:
>
>I am considering buying an Acom 1000. I would use it for RTTY
>contesting from home. Comments on this would be appreciated:
>
>- The extra fan would be suggested?
>- With that fan, how much output power is expected?
>- Any other comments?
>
>73 - Kristinn, TF3KX
>
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>
>Yahoo! Groups Links
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1353. Acom 1000 extra fan - info requested

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-01 23:07:14 UTC
From: kristinnandersen
Topic: 1353 Message: 1353

Here are additional question on the Acom 1000, relating to the extra optional fan:

- Is it difficult to install or remove?
- Can it be turned off separately, to keep noise down?
- Is this an "appendix" of some sort to the amplifier? I.e. does it fit inside or is it a prominent addition to the amp's size? Does anyone have photo of what this looks like (may be sent to me at tf3kx@...)?

73 de TF3KX, Kristinn

1354. Re: 2000A Relay fault help.

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-04 18:00:09 UTC
From: jx7dfa
Topic: 1342 Message: 1354

This problem has been solved on this reflector several times before.
Just use the search function.

73

LA7DFA

--- In acom-list@yahoogroups.com, Salvatore Console <k2qmf@j...>
wrote:
> Hello all,
>
> My Acom 2000A started to develop an intermittent problem.
> While sending CW the amp would shut down and the controller would
> say "Relay Closed it Should be Open".
> Does this error mean the antenna vacuum relay or the relay
> on the Phase Detector???
>
> Does anyone have any info or suggestions on this problem??
> Any help would be very much appreciated...
>
> 73, Ted K2QMF

1355. Re: Acom 1000 extra fan - info requested

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-10 15:14:44 UTC
From: koksteenbergen
Topic: 1353 Message: 1355

Had ordered my A1000 including the fan from Vine in the UK.
Don't know if he use the original one but the one he used is very
quiet.
You don't notice it is on.
Compared with a college who instaled one himself, it's a big
differece.
His one makes a lot more rpm's and therefore more noise but....
His amp's temperature is lower.
15 minutes keydown full power mine is 80 celcius his is 55 Celcius.
conclusion:
more RPM's is more noise but lower the temperature.
The choise is yours.

The fan I have is about 3,5 cm extra on the outside of the amp

gd luck

Hugo

--- In acom-list@yahoogroups.com, "kristinnandersen" <tf3kx@s...>
wrote:
>
> Here are additional question on the Acom 1000, relating to the
extra
> optional fan:
>
> - Is it difficult to install or remove?
> - Can it be turned off separately, to keep noise down?
> - Is this an "appendix" of some sort to the amplifier? I.e. does
it
> fit inside or is it a prominent addition to the amp's size? Does
> anyone have photo of what this looks like (may be sent to me at
> tf3kx@s...)?
>
> 73 de TF3KX, Kristinn

1356. Acom extra fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-10 16:15:04 UTC
From: stevehurstg8lik2003
Topic: 1353 Message: 1356

Interesting to see the comments regarding exhaust air temp with the fan fitted before delivery as mine was-and similar results.
Perhaps a more powerful fan would have been worthwhile but I wonder if anyone knows-how does the valve temperature equate to exhaust air temp?
The valve spec is 200C maximum. I note from the detailed Acom info (maintenance instructions available by email request from Acom in Bulgaria) referring to the trip settings that the Amp will warn once 130C exhaust air temp is reached and trip at 150C. Is it reasonable to infer that the valve anode is typically 50C hotter than that of the exhaust air?

73s, Steve

1357. ACOM 1000 backlight

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-24 23:24:49 UTC
From: ah6fc
Topic: 1357 Message: 1357

Just turned on my amplifier. Had a sudden flash of the LCD display and the backlight went off. Tried adjusting the contrast as per the operating manual. Anybody have other tricks? Amp is just a few months old.

73's, Bill

1358. ACOM 1000 on 6m EME :-)

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-25 16:23:51 UTC
From: Lance Collister, W7GJ (DN27ub)
Topic: 1358 Message: 1358

All I can say is, WOW! MNI TNX to ACOM for coming out with this fantastic amp! The new weak signal digital modes place an EXTREMELY demanding load on any amp, and the ACOM 1000 continues to demonstrate it is up to the task :-)

This amp is rapidly emerging as THE AMPLIFIER of choice for 6m EME DXpeditions! I worked OX3LX last night with his off the moon for my 6m country #94, and also credit the now-famous ACOM 1000 with at least 3 other very rare countries (including YA and ST) that I have gotten via 6m EME.

I HOPE I will be able to include FT5XO in the group of rare new countries worked via 6m EME, but have not had a common moon window with them and their ACOM 1000 yet. Nevertheless, they have worked 5 stations so far via EME, and have been copied by stations all over the world.

TNX again to ACOM for your great product and support! VY 73, Lance

--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728
URL: http://www.bigskyspaces.com/w7gj

1359. Re: [acom-list] ACOM 1000 on 6m EME :-)

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-25 17:24:55 UTC
From: Joe - WDØM
Topic: 1358 Message: 1359

Thanks for the review, Lance - I've been contemplating buying an Acom 1000 as a backup to my Alpha 87a because it has the 6M coverage. Its nice to know its such a reliable and capable amp.

73,
Joe
WDØM

At 09:23 AM 3/25/2005, Lance Collister, W7GJ (DN27ub) wrote:

>All I can say is, WOW! MNI TNX to ACOM for coming out with this fantastic
>amp! The
>new weak signal digital modes place an EXTREMELY demanding load on any
>amp, and the
>ACOM 1000 continues to demonstrate it is up to the task :-)
>
>This amp is rapidly emerging as THE AMPLIFIER of choice for 6m EME
>DXpeditions! I
>worked OX3LX last night with his off the moon for my 6m country #94, and
>also credit
>the now-famous ACOM 1000 with at least 3 other very rare countries
>(including YA and
>ST) that I have gotten via 6m EME.
>
>I HOPE I will be able to include FT5XO in the group of rare new countries
>worked via
>6m EME, but have not had a common moon window with them and their ACOM
>1000 yet.
>Nevertheless, they have worked 5 stations so far via EME, and have been
>copied by
>stations all over the world.
>
>TNX again to ACOM for your great product and support! VY 73, Lance
>
>--
>Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
>P.O. Box 73
>Frenchtown, MT 59834 USA
>QTH: DN27UB
>TEL: (406) 626-5728
>URL: http://www.bigskyspaces.com/w7gj

1360. Re: [acom-list] ACOM 1000 on 6m EME :-)

Yahoo group: acom-list (1999 — 2009)
Date: 2005-03-25 19:14:22 UTC
From: Lance Collister, W7GJ (DN27ub)
Topic: 1358 Message: 1360

Joe - WDØM wrote:
> Thanks for the review, Lance - I've been contemplating buying an Acom 1000
> as a backup to my Alpha 87a because it has the 6M coverage. Its nice to
> know its such a reliable and capable amp.
>
> 73,
> Joe
> WDØM
>
> At 09:23 AM 3/25/2005, Lance Collister, W7GJ (DN27ub) wrote:
>
>
>>All I can say is, WOW! MNI TNX to ACOM for coming out with this fantastic
>>amp! The
>>new weak signal digital modes place an EXTREMELY demanding load on any
>>amp, and the
>>ACOM 1000 continues to demonstrate it is up to the task :-)
>>
>>This amp is rapidly emerging as THE AMPLIFIER of choice for 6m EME
>>DXpeditions! I
>>worked OX3LX last night with his off the moon for my 6m country #94, and
>>also credit
>>the now-famous ACOM 1000 with at least 3 other very rare countries
>>(including YA and
>>ST) that I have gotten via 6m EME.
>>
>>I HOPE I will be able to include FT5XO in the group of rare new countries
>>worked via
>>6m EME, but have not had a common moon window with them and their ACOM
>>1000 yet.
>>Nevertheless, they have worked 5 stations so far via EME, and have been
>>copied by
>>stations all over the world.
>>
>>TNX again to ACOM for your great product and support! VY 73, Lance
>>
>>--
>>Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
>>P.O. Box 73
>>Frenchtown, MT 59834 USA
>>QTH: DN27UB
>>TEL: (406) 626-5728
>>URL: http://www.bigskyspaces.com/w7gj
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> Yahoo! Groups Links
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GL Joe! VY 73, Lance

--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728
URL: http://www.bigskyspaces.com/w7gj

1361. ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-02 09:18:07 UTC
From: Marcel Jorba
Topic: 1361 Message: 1361

Hello,

Lets see if anyone can help

I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736

Amplifier is ACOM2000A

The 775 keys the linear with no problem through the
send rca rear connector. The 736 no.

The manual shows the following specs for the internal
relay:

16 VDC - 2A for the 736
24 VDC - 1A for the 775

Any idea or proven circuit to use as external relay?

Thanks

Marcel

Do you Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball.
http://baseball.fantasysports.yahoo.com/

1362. Re: [acom-list] ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-02 15:48:03 UTC
From: Bill Carnett
Topic: 1361 Message: 1362

Marcel Jorba <ea3in@...> wrote:Hello,

Lets see if anyone can help

I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736

Amplifier is ACOM2000A

The 775 keys the linear with no problem through the
send rca rear connector. The 736 no.

The manual shows the following specs for the internal
relay:

16 VDC - 2A for the 736
24 VDC - 1A for the 775

Any idea or proven circuit to use as external relay?

Thanks

Marcel

Do you Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball.
http://baseball.fantasysports.yahoo.com/

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

1363. Re: [acom-list] ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-02 15:57:01 UTC
From: Jim Cox
Topic: 1361 Message: 1363

Dont see any reply on this one. Should key just like the 775 does. Have you checked with an VOM to make sure the relay in the 736 is actually shorting the center pin to ground? Perhaps the relay in the 736 is bad?
Jim K4JAF
----- Original Message -----
From: Bill Carnett
To: acom-list@yahoogroups.com
Sent: Saturday, April 02, 2005 9:48 AM
Subject: Re: [acom-list] ACOM2000A keying

Marcel Jorba <ea3in@...> wrote:Hello,

Lets see if anyone can help

I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736

Amplifier is ACOM2000A

The 775 keys the linear with no problem through the
send rca rear connector. The 736 no.

The manual shows the following specs for the internal
relay:

16 VDC - 2A for the 736
24 VDC - 1A for the 775

Any idea or proven circuit to use as external relay?

Thanks

Marcel

_____
Do you Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball.
http://baseball.fantasysports.yahoo.com/

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1364. Re: [acom-list] ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-02 19:26:24 UTC
From: Frank J. Connelly
Topic: 1361 Message: 1364

Marcel:

Not familiar with the 736, but a lot of rigs have a menu option to turn external relay keying either on or off. Might check that.

Good luck,
Frank, W7ND

Acom 1000 owner

On Saturday, Apr 2, 2005, at 01:18 US/Pacific, Marcel Jorba wrote:

>
> Hello,
>
> Lets see if anyone can help
>
> I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736
>
> Amplifier is ACOM2000A
>
> The 775 keys the linear with no problem through the
> send rca rear connector. The 736 no.
>
> The manual shows the following specs for the internal
> relay:
>
> 16 VDC - 2A for the 736
> 24 VDC - 1A for the 775
>
> Any idea or proven circuit to use as external relay?
>
> Thanks
>
> Marcel
>
>
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>
>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Sports - Sign up for Fantasy Baseball.

> http://baseball.fantasysports.yahoo.com/
>
>
>
> Yahoo! Groups Links
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1365. Re: [acom-list] ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-03 00:21:53 UTC
From: Marcel Jorba
Topic: 1361 Message: 1365

Thanks for all answers.

I discovered that my microham intarface includes an
amplifier heying buffer.

It works ok

73's Marcel

--- Marcel Jorba <ea3in@...> wrote:
> Hello,
>
> Lets see if anyone can help
>
> I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736
>
> Amplifier is ACOM2000A
>
> The 775 keys the linear with no problem through the
> send rca rear connector. The 736 no.
>
> The manual shows the following specs for the
> internal
> relay:
>
> 16 VDC - 2A for the 736
> 24 VDC - 1A for the 775
>
> Any idea or proven circuit to use as external relay?
>
> Thanks
>
> Marcel
>
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>
> _____
> Do you Yahoo!?
> Yahoo! Sports - Sign up for Fantasy Baseball.
> http://baseball.fantasysports.yahoo.com/
>

Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

1366. ACOM 1000 AND ACOM 2000A available

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-04 21:17:01 UTC
From: Will Angenent
Topic: 1366 Message: 1366

Hello all, after several long delays we finally fulfilled all our government orders for ACOM amplifiers. We now can ship the ACOM 1000 amplifier within 2 weeks after receiving your order and for the ACOM 2000A within 1 month after receiving your order.

Please contact us via email: info@... or by phone: 781 727 0933 or 781 727 3127.

Regards,

Krassy, K1LZ

Will, K6ND

[Non-text portions of this message have been removed]

1367. Re: [acom-list] ACOM2000A keying

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-05 02:42:21 UTC
From: VA3MW - Port Credit
Topic: 1361 Message: 1367

Should be no problem for either radio. Jim makes a good point.

Mike VA3MW

----- Original Message -----
From: "Jim Cox" <jcox123@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 02, 2005 11:57 AM
Subject: Re: [acom-list] ACOM2000A keying

>
> Dont see any reply on this one. Should key just like the 775 does. Have
> you checked with an VOM to make sure the relay in the 736 is actually
> shorting the center pin to ground? Perhaps the relay in the 736 is bad?
> Jim K4JAF
> ----- Original Message -----
> From: Bill Carnett
> To: acom-list@yahoogroups.com
> Sent: Saturday, April 02, 2005 9:48 AM
> Subject: Re: [acom-list] ACOM2000A keying
>
>
>
>
> Marcel Jorba <ea3in@...> wrote:Hello,
>
> Lets see if anyone can help
>
> I have 2 transceivers: 1 ICOM 775DSP and 1 ICOM 736
>
> Amplifier is ACOM2000A
>
> The 775 keys the linear with no problem through the
> send rca rear connector. The 736 no.
>
> The manual shows the following specs for the internal
> relay:
>
> 16 VDC - 2A for the 736
> 24 VDC - 1A for the 775
>
> Any idea or proven circuit to use as external relay?
>
> Thanks
>
> Marcel

>
>
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>
>
>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Sports - Sign up for Fantasy Baseball.
> http://baseball.fantasysports.yahoo.com/
>
>
> ---------------------------------
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> ____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
>
>
>
> --
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/acom-list/
>
> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1368. Re: Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-08 12:22:45 UTC
From: Didier Divorne
Topic: 1162 Message: 1368

Hi,

I've seen new specifications about the 1010. Some specifications were
improved. P.exe:
- 1'000W and not 700W
- HF+6m and not HF only
- ...

Source: http://www.hfpower.com/

Questions:
- have the "new" 1010 a good QSK system (vacuum relay) or not ?
- what is the price of this PA ?

73
Didier, hb9duc

> Hi
> We can advertise 1010 before FCC approval in USA
> The web will be update soon .
> Krassy
> ----- Original Message -----
> From: "morel" <morelg@0...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, July 06, 2004 5:45 AM
> Subject: Re: [acom-list] Acom 1010
>
>
> > I saw a posting from Krassy here and I think K6ND address has been
> changed.
> > Maybe they forgot to update their site.
> >
> > 73
> > Morel
> > 4X1AD
> >
> > ----- Original Message -----
> > From: "Hans , PA3HGT" <pluijgers@z...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Tuesday, July 06, 2004 10:16 AM
> > Subject: [acom-list] Acom 1010
> >
> >
> > > Hi all,
> > >
> > > Vine and Difona are already advertising with the Acom 1010 but on

> > > their own website is nothing too find ...
> > > I did sent several email about a frontpanel and for info Acom 1010
> > > to K6ND and nothing heard , are they also out of business in EU ,HI?
> > >
> > >
> > > 73,a worried Acom 1000 user.
> > >
> > >
> > >
> > >
> > > To unsubscribe, send an empty message to:
> > >
> > > acom-list-unsubscribe@yahoogroups.com
> > > Yahoo! Groups Links
> > >
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> >
> > To unsubscribe, send an empty message to:
> >
> > acom-list-unsubscribe@yahoogroups.com
> > Yahoo! Groups Links
> >
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> >

1369. Re: Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-08 12:39:06 UTC
From: Didier Divorne
Topic: 1162 Message: 1369

The infos on hfpower.com are suspect...

this page (Acom 1010):
http://www.hfpower.com/new/a1010spec.htm

looks like this one (Acom 1000):
http://www.hfpower.com/new/a1000spec.htm

Had somebody from Acom made a mistake or an unwanted copy/paste
or are the new specs really true ?

.....

73
Didier, hb9duc

>
> Hi,
>
> I've seen new specifications about the 1010. Some specifications were
> improved. P.exe:
> - 1'000W and not 700W
> - HF+6m and not HF only
> - ...
>
> Source: http://www.hfpower.com/
>
> Questions:
> - have the "new" 1010 a good QSK system (vacuum relay) or not ?
> - what is the price of this PA ?
>
> 73
> Didier, hb9duc
>
>
> > Hi
> > We can advertise 1010 before FCC approval in USA
> > The web will be update soon .
> > Krassy

[cut by hb9duc]

1370. manual 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-10 22:53:44 UTC
From: Hans , PA3HGT
Topic: 1370 Message: 1370

Hello all,

I tried to get te manual for the 1010 but all what i get is : Error .
And the specs .... The 1010 was only for HF and not with six meters ?
It's seems that the specs are from the 1000.
I send Will an email about the manual but no answer yet.

Good job Acom !

1371. Re: manual 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-11 06:19:07 UTC
From: Didier Divorne
Topic: 1370 Message: 1371

Hello Hans,

The first specs of the 1010 are in a review of
eham.net (http://www.eham.net/reviews/detail/4563)

Here a copy.

Best 73
Didier, hb9duc

°°

Description: KW 160 - 10 m PA, 700 W PEP

☐ Frequency Coverage: All amateur bands 1.8-30MHz; extensions and/or
changes on request.
☐ Power Output: 700W PEP or 500W continuous carrier
☐ Intermodulation Distortion: Better than 35dB below rated output.
☐ Harmonic Output Suppression: better than 50dB below rated output;
☐ Input and Output Impedances:
- nominal value: 50 Ohm unbalanced, UHF (SO239) type connectors;
- input circuit: broadband, VSWR less than 1.3:1, 1.8-30MHz
continuously (no tunings, no switching);
- bypass path VSWR less than 1.1:1, 1.8-30MHz continuously, 200W maximum;
- output (antenna) impedance matching capability: VSWR up to 3:1 or
higher at reduced output.

☐ RF Gain: 11dB typically, frequency response less than 11dB (50 to
70W drive power for rated output).

☐ Primary Power: 85-132 V/ 170-264V (100, 110, 120, 200, 210, 220,230
& 240 V nominal taps, +10%-15%tol.), 50-60Hz, single phase, 1200VA
☐ Complies with CE safety and elektromgnetical compatibility
requirements, as well as FCC-regulations
☐ Size & Weight (operating):
-WxDxH: 406x315x150mm, 16kg.
-(16.6x12x9 inches, 35.2lbs)
☐ Operating environments:
- temperature range: 0...+50 degs.Celsius;
- humidity: up to 95% @ +35 degs.Celsius.
- height: up to 3000m above sea level without output deterioration

>
> Hello all,
>
> I tried to get te manual for the 1010 but all what i get is : Error .
> And the specs .... The 1010 was only for HF and not with six meters ?

> It's seems that the specs are from the 1000.
> I send Will an email about the manual but no answer yet.
>
> Good job Acom !

1372. ACOM 1010 Link

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-11 17:52:33 UTC
From: Will Angenent
Topic: 1372 Message: 1372

Hello all, the link to the ACOM 1010 specification is pointed wrong (it points to the ACOM 1000 specs) We will correct this ASAP.

Thanks,

Best Regards,

Will

K6ND

[Non-text portions of this message have been removed]

1373. Re: ACOM 1010 Link

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 05:58:03 UTC
From: Didier Divorne
Topic: 1372 Message: 1373

Hello Will,

The link is now OK, thank you. But the link to the manual
(http://www.hfpower.com/new/manual/OPER_MAN A1010.pdf)
is not OK ;-)

73 de Didier, hb9duc

> Hello all, the link to the ACOM 1010 specification is pointed wrong
(it points to the ACOM 1000 specs) We will correct this ASAP.
>
> Thanks,
>
> Best Regards,
>
> Will
> K6ND
>

1374. Re: [acom-list] Re: ACOM 1010 Link

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 07:20:46 UTC
From: mike hardy
Topic: 1372 Message: 1374

hi all ?
tried the link to dwn load the 1010 manual but it doesan;t work for me ?

Mike Hardy
M0FCG - M1KEY - 2E0KEY
mob - 07791754432
email: m0fcg1@...
Life is a Icom ic-756 pro II &
Kenwood ts2000x

>
>
> Hello Will,
>
> The link is now OK, thank you. But the link to the manual
> (http://www.hfpower.com/new/manual/OPER_MAN A1010.pdf)
> is not OK ;-)
>
> 73 de Didier, hb9duc
>
>
> > Hello all, the link to the ACOM 1010 specification is pointed wrong
> (it points to the ACOM 1000 specs) We will correct this ASAP.
> >
> > Thanks,
> >
> > Best Regards,
> >
> > Will
> > K6ND
> >
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> Yahoo! Groups Links
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1375. Re: [acom-list] Re: ACOM 1010 Link

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 07:22:24 UTC
From: mike hardy
Topic: 1372 Message: 1375

hi all whats the going rate for a acom 1000 ? 2nd hand please ?
and whats the faults to look out for with trying 2nd hand acoms ?

Mike Hardy
M0FCG - M1KEY - 2E0KEY
mob - 07791754432
email: m0fcg1@...
Life is a Icom ic-756 pro II &
Kenwood ts2000x
>
>
> Hello Will,
>
> The link is now OK, thank you. But the link to the manual
> (http://www.hfpower.com/new/manual/OPER_MAN A1010.pdf)
> is not OK ;-)
>
> 73 de Didier, hb9duc
>
>
> > Hello all, the link to the ACOM 1010 specification is pointed wrong
> (it points to the ACOM 1000 specs) We will correct this ASAP.
> >
> > Thanks,
> >
> > Best Regards,
> >
> > Will
> > K6ND
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> Yahoo! Groups Links
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1376. QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 15:18:42 UTC
From: William Beyer
Topic: 1376 Message: 1376

OK to put 200 watts thru the ACOM 2000A with the unit off?

200 watts from FT-1000d or IC-7800 or FT-9000DX?

What is the max drive power?

Bill

[Non-text portions of this message have been removed]

1377. Re: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 14:35:19 UTC
From: LY2TA
Topic: 1376 Message: 1377

Max drive power depends of band/antenna.
Usually to have full legal power from ACOM 2000A
enough 40-65W out from TS850S/AT here.

73! Andy LY2TA
----- Original Message -----
From: "William Beyer" <wbeyerjr@...>
To: "ACOM List" <acom-list@yahoogroups.com>
Sent: Tuesday, April 12, 2005 4:18 PM
Subject: [acom-list] QUESTION

>
> OK to put 200 watts thru the ACOM 2000A with the unit off?
>
> 200 watts from FT-1000d or IC-7800 or FT-9000DX?
>
> What is the max drive power?
> ----
>
>
> Bill
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1378. Re: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 16:06:56 UTC
From: kg4lru@aol.com
Topic: 1376 Message: 1378

Bill

If your concern is with acom in stand by a running 200 watt radio you may need to reduce the drive power down to 150 watts I am running the 781 on the 2000A when not keying the amp I will run 150 watts output on the rig I belive it is approved for 200watts from exciter in standby If your running wire antenna I will get an overdrive on the amp in standby So the amp is perrty Bullitt Proof , when the amp is on 40/55 watts drive is all that is required to drive the amp to legal limt.

73
Phil AI4DQ

[Non-text portions of this message have been removed]

1379. Re: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 16:48:20 UTC
From: Marcel Jorba
Topic: 1376 Message: 1379

I am doing it all the time with my IC775.

I reduce the power to 40-50W when I turn on The ACOM

73s de Marcel
--- William Beyer <wbeyerjr@...> wrote:
> OK to put 200 watts thru the ACOM 2000A with the
> unit off?
>
> 200 watts from FT-1000d or IC-7800 or FT-9000DX?
>
> What is the max drive power?
> ----
>
>
> Bill
>
> [Non-text portions of this message have been
> removed]
>
>

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Take Yahoo! Mail with you! Check email on your mobile phone.
http://mobile.yahoo.com/learn/mail

1380. AW: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 18:03:01 UTC
From: Carsten Esch
Topic: 1376 Message: 1380

... think he was asking what happens with the ACOM OFF ...

Carsten

-----Ursprungliche Nachricht-----
Von: Marcel Jorba [mailto:ea3in@...]
Gesendet: Dienstag, 12. April 2005 17:48
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] QUESTION

I am doing it all the time with my IC775.

I reduce the power to 40-50W when I turn on The ACOM

73s de Marcel
--- William Beyer <wbeyerjr@...> wrote:
> OK to put 200 watts thru the ACOM 2000A with the
> unit off?
>
> 200 watts from FT-1000d or IC-7800 or FT-9000DX?
>
> What is the max drive power?
> ----
>
>
> Bill
>
> [Non-text portions of this message have been
> removed]
>
>

_____
Yahoo! Mail Mobile
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http://mobile.yahoo.com/learn/mail

Yahoo! Groups Links

1381. RE: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 18:15:12 UTC
From: G3SJJ
Topic: 1376 Message: 1381

At least you and me are on the same wavelength, Carsten!

Chris G3SJJ

-----Original Message-----
From: Carsten Esch [mailto:carsten.esch@...]
Sent: 12 April 2005 19:03
To: acom-list@yahoogroups.com
Subject: AW: [acom-list] QUESTION

... think he was asking what happens with the ACOM OFF ...

Carsten

-----Ursprungliche Nachricht-----
Von: Marcel Jorba [mailto:ea3in@...]
Gesendet: Dienstag, 12. April 2005 17:48
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] QUESTION

I am doing it all the time with my IC775.

I reduce the power to 40-50W when I turn on The ACOM

73s de Marcel
--- William Beyer <wbeyerjr@...> wrote:
> OK to put 200 watts thru the ACOM 2000A with the
> unit off?
>
> 200 watts from FT-1000d or IC-7800 or FT-9000DX?
>
> What is the max drive power?
> ----
>
>
> Bill
>
> [Non-text portions of this message have been
> removed]
>
>

Yahoo! Mail Mobile
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http://mobile.yahoo.com/learn/mail

Yahoo! Groups Links

Yahoo! Groups Links

--
No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.9.6 - Release Date: 11-04-05

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.9.6 - Release Date: 11-04-05

1382. AW: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 18:26:18 UTC
From: Carsten Esch
Topic: 1376 Message: 1382

... hi Chris ;-)

... if I am not mistaken with the amp OFF nothing will happen (some time ago a was using a FT1000MP Mark V with 200W - now I 'only' have an ORION here ...) but in StandBy mode the AMP will beep quite loud with more than 120W or so ...

Carsten, DL6LAU

-----Urspr?ngliche Nachricht-----
Von: G3SJJ [mailto:g3sjj@...]
Gesendet: Dienstag, 12. April 2005 19:15
An: acom-list@yahoogroups.com
Betreff: RE: [acom-list] QUESTION

At least you and me are on the same wavelength, Carsten!

Chris G3SJJ

-----Original Message-----
From: Carsten Esch [mailto:carsten.esch@...]
Sent: 12 April 2005 19:03
To: acom-list@yahoogroups.com
Subject: AW: [acom-list] QUESTION

... think he was asking what happens with the ACOM OFF ...

Carsten

-----Ursprungliche Nachricht-----
Von: Marcel Jorba [mailto:ea3in@...]
Gesendet: Dienstag, 12. April 2005 17:48
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] QUESTION

I am doing it all the time with my IC775.

I reduce the power to 40-50W when I turn on The ACOM

73s de Marcel
--- William Beyer <wbeyerjr@...> wrote:
> OK to put 200 watts thru the ACOM 2000A with the
> unit off?
>
> 200 watts from FT-1000d or IC-7800 or FT-9000DX?
>
> What is the max drive power?
> ----

>
>
> Bill
>
> [Non-text portions of this message have been
> removed]
>
>

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http://mobile.yahoo.com/learn/mail

Yahoo! Groups Links

Yahoo! Groups Links

--
No virus found in this incoming message.
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Version: 7.0.308 / Virus Database: 266.9.6 - Release Date: 11-04-05

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.9.6 - Release Date: 11-04-05

Yahoo! Groups Links

1383. Re: AW: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-12 23:32:05 UTC
From: Marcel Jorba
Topic: 1376 Message: 1383

The IC-775 produces 200W out. I run full power when
the amp is off

--- Carsten Esch <carsten.esch@...> wrote:
> ... think he was asking what happens with the ACOM
> OFF ...
>
> Carsten
>
> -----Ursprungliche Nachricht-----
> Von: Marcel Jorba [mailto:ea3in@...]
> Gesendet: Dienstag, 12. April 2005 17:48
> An: acom-list@yahoogroups.com
> Betreff: Re: [acom-list] QUESTION
>
>
>
> I am doing it all the time with my IC775.
>
> I reduce the power to 40-50W when I turn on The ACOM
>
> 73s de Marcel
> --- William Beyer <wbeyerjr@...> wrote:
> > OK to put 200 watts thru the ACOM 2000A with the
> > unit off?
> >
> > 200 watts from FT-1000d or IC-7800 or FT-9000DX?
> >
> > What is the max drive power?
> > ----
> >
> >
> > Bill
> >
> > [Non-text portions of this message have been
> > removed]
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> Yahoo! Groups Links
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Yahoo! Small Business - Try our new resources site!
http://smallbusiness.yahoo.com/resources/

1384. Re: AW: [acom-list] QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-13 03:02:13 UTC
From: kg4lru@aol.com
Topic: 1376 Message: 1384

Yes you can but anything over 200 watts the amp is not approved for if you have it standby you will get overdrive indications if pepe is over the max 200 watts since you have it off you can still damage the circuit you our not getting the warning is all.

Phil AI4DQ

[Non-text portions of this message have been removed]

1385. Acom 2000a and Icom 781 alc spike

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-13 03:15:11 UTC
From: kg4lru@aol.com
Topic: 1385 Message: 1385

Anyone running the 781 with the acom 2000a that is having still having spike problems there is simple fix to your 781 that will fix it for good .

This the link for the fix
http://www.mods.dk/forum.php?action=ViewArticleThread&ModsId=288
(http://www.mods.dk/forum.php?action=ViewArticleThread&ModsId=288)

Be sure to read messages on the alc mod that comes up the fix is in the message area . The mod will require a good alignment on your 781 so all the voltages will be correct but it does work and it now will perform as the factory should have designed it.

73

Phil AI4DQ

[Non-text portions of this message have been removed]

1386. Latest ACOM 1000 US Price?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-13 15:27:07 UTC
From: kb7our
Topic: 1386 Message: 1386

What is the latest US price for this AMP? I bought one from Will 1 year ago but it isn't getting much use - barely a few hours at most. I bought 1 extra tube from RF Parts for safe keeping. My latest renewed interest in flying and astronomy means that QRO is taking a back seat for a few years so the AMP is just sitting on the desk looking pretty. If I decide to sell is it ok to post that here? Not looking to make money but I would like to get what I paid since they have gone up as I understand. Mine is absolutely mint with original receipt from Will with serial number and manual. Selling will buy me some good hours of flight training :)

Wade

1388. Looking for a list moderator

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-17 23:18:07 UTC
From: Barry
Topic: 1388 Message: 1388

Hi all,
In case you didn't know, I started this list in 1999 and am the list moderator. Fortunately, this is a very well-behaved group and my housekeeping chores are minimal.

I've never had to ban anyone, other than an occasional spammer who signed up for the list before memberships had to be approved, and rarely had to curtail off-topic threads.

For the most part, all I do for this list is approve memberships. If someone doesn't give enough specifics in their sign up request, I ask them a few questions to make sure they belong (like "what is your callsign?" and "what's an Acom?") It's a no-brainer if they sign up with an email address like w3xyz@..., but a lot of throwaway email addresses are used, too.

Where am I going with this? Nowhere, really, other than I am looking for someone else who is willing to be a list moderator. In the past, if I've been away, the subscribe requests just wait. This time, I'll be away longer than usual, so I thought someone else should be available to do it.

I will be away for a few weeks in June (going to participate in HST2005 in Z3-land), and need someone willing to do the sign up approvals, etc. during that period. On average, there are maybe 2-3/week (and there are currently 240 active list members.)

If interested, please email me directly (not the list.) If I get multiple requests, please don't feel insulted if you are not selected.

Tnx,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1389. W7BIA is now a moderator

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-18 01:14:51 UTC
From: Barry
Topic: 1389 Message: 1389

Arnie, W7BIA, was quick to volunteer, and has works as a moderator on
other lists, so he's been added as a moderator.
73,
Barry--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1390. Acom 1000 tube replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-18 12:36:15 UTC
From: jcox41144
Topic: 1390 Message: 1390

I have an Acom 1000 and a couple of spare final tubes which I would like to test. Is it possible to remove the present tube and use the spare without any type of adjustments to the amp bias, etc?
Jim K4JAF

1391. Re: [acom-list] Acom 1000 tube replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-18 16:25:21 UTC
From: Hans Remeeus
Topic: 1390 Message: 1391

Yes. This is possible.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: jcox41144
To: acom-list@yahoogroups.com
Sent: Monday, April 18, 2005 2:36 PM
Subject: [acom-list] Acom 1000 tube replacement

> I have an Acom 1000 and a couple of spare final tubes which I would
> like to test. Is it possible to remove the present tube and use the
> spare without any type of adjustments to the amp bias, etc?
> Jim K4JAF
>

[Non-text portions of this message have been removed]

1392. ACOM 1010 delivery

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-23 17:18:28 UTC
From: Will Angenent
Topic: 1392 Message: 1392

Hello all, ACOM International Inc has good news about the new design Amplifier, the ACOM 1010. We received the FCC approval (SRRA1010) last week. This amplifier will be ready for shipment in one week.

Please look at our web page for all the specifications www.hfpower.com

Send us an email or call us for ordering information.

508 533 7765

866 533 2266

FAX 508 533 7707

4 Marc Rd

Medway, MA 02053

Best Regards,

Krassy Petkov K1LZ

Will Angenent K6ND

[Non-text portions of this message have been removed]

1393. Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-23 21:00:23 UTC
From: John Lemay
Topic: 1393 Message: 1393

Hello all

I'm using my Acom 1000 with an IC746. When I press the ptt, on most occasions the amplifier works fine. But sometimes I get the message ** HOT SWITCHING **. Can there be something wrong with the ptt line ? What else could it be ?

Many thanks

John G4ZTR

1394. ACOM 1000 firmware

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-25 18:06:50 UTC
From: alfihey
Topic: 1394 Message: 1394

Hello to you all,
I'm new to the group and have a question regarding the firmware of ACOM 1000 amplifiers. Is the vers. 4.0 from June 2002 the current version and what's the difference to the vers. 3.0 from October 2001. How one can make an update?
Thanks in advance, Alfred, DL2JR

1395. acom touch up paint

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-26 19:27:22 UTC
From: shapiro_martin
Topic: 1395 Message: 1395

Hi gang, I have a 2000A just shy of 3000 hours and purchased around mid 2001
the RCU had some paint off the edges and I've been looking a while for some touch up paint...
Well I think I have found something very close!

model master acryl paint:
bottle number: #4797 name: panzer schokladnbraun r 1/2
upc code: 7561113102
company name: the testor corp. rockford Illinois
www.testors.com

I found this at a well stocked hobby shop here in Phoenix Arizona. Look in the military model paint area. This is a german military tank model color
cost... about 3 bucks 1/2 ounce

The paint needs to be mixed/shaken really well to blend the colors. I used a toothpick and gently applied two coats on the areas missing paint.
The paint drys a bit darker than when it's applied so don't panic.

up close you may notice the difference but at arm's length it seems to blend nicely. I believe for small touch ups this is the best available until Krassy can supply touch up paint in small bottles

regards, Marty, KA7GKN

1396. RE: [acom-list] acom touch up paint

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-26 19:42:44 UTC
From: B Marton
Topic: 1395 Message: 1396

Is Krassy planning on having paint available? If not, I might suggest
you take the RCU to a good automotive paint shop and have them computer
match it. They can come very close. I did this with Collins cabinet
and trim ring parts, and then I added other tints until I got it dead
nuts. I then added in a special flattening agent to dull the finish to
the proper semi-gloss and the results are cabinets that look better than
the originals, at least 35 year old originals. They probably looked
this good when the were sold new. I have painted several S line rigs
and the finished cabinets look great in the line up next to my other
'mint' condition rigs.

Bruce
K1XR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf Of shapiro_martin
Sent: Tuesday, April 26, 2005 3:27 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom touch up paint

Hi gang, I have a 2000A just shy of 3000 hours and purchased around
mid 2001
the RCU had some paint off the edges and I've been looking a while
for some touch up paint...
Well I think I have found something very close!

model master acryl paint:
bottle number: #4797 name: panzer schokladnbraun r 1/2
upc code: 7561113102
company name: the testor corp. rockford Illinois
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I found this at a well stocked hobby shop here in Phoenix Arizona.
Look in the military model paint area. This is a german military
tank model color
cost... about 3 bucks 1/2 ounce

The paint needs to be mixed/shaken really well to blend the colors.
I used a toothpick and gently applied two coats on the areas missing
paint.
The paint drys a bit darker than when it's applied so don't panic.

up close you may notice the difference but at arm's length it seems
to blend nicely. I believe for small touch ups this is the best
available until Krassy can supply touch up paint in small bottles

regards, Marty, KA7GKN

Yahoo! Groups Links
* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

1397. RS232 Cable Length

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-27 13:13:29 UTC
From: Hal Kennedy
Topic: 1397 Message: 1397

I'm looking into remoting my pair of 2000As about 25 feet from the shack. Wonder if anybody has tried to find the max length the RDU will talk to the amp over an extended RS232 cable, before some sort of buffering has to be added?

Hal
N4GG

[Non-text portions of this message have been removed]

1398. RE: [acom-list] RS232 Cable Length

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-27 15:21:18 UTC
From: Kevin J. Rowett
Topic: 1397 Message: 1398

"normal" RS-232C should drive 50 feet of cable. It's all a function of
the capacitive effect and what it does to the edges. Larger diameter
cable will help.

Of course, you'll run into the cable becoming more resonant at some
operating frequency.

You could buy a pair of RS-232C to RS422 convertors (B&B electronics) and
run the signaling as a diff. pair. You'll get more distance, and somewhat
less RF problems.

73, de -KR- N6RCE
n6rce@...

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hal
Kennedy
Sent: Wednesday, April 27, 2005 6:13 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] RS232 Cable Length

I'm looking into remoting my pair of 2000As about 25 feet from the shack.
Wonder if anybody has tried to find the max length the RDU will talk to the
amp over an extended RS232 cable, before some sort of buffering has to be
added?

Hal
N4GG

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1399. Re: RE: [acom-list] RS232 Cable Length

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-27 15:50:33 UTC
From: Bob Naumann
Topic: 1397 Message: 1399

Another option would be to convert to fiber.

K5NA used to sell fiber optic / serial adapters for CT networking use. I would think they would work here too - no?

N5NJ

==========
From: "Kevin J. Rowett" <krowett@...>
Date: Wed Apr 27 10:21:18 CDT 2005
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] RS232 Cable Length

"normal" RS-232C should drive 50 feet of cable. It's all a function of
the capacitive effect and what it does to the edges. Larger diameter
cable will help.

Of course, you'll run into the cable becoming more resonant at some
operating frequency.

You could buy a pair of RS-232C to RS422 convertors (B&B electronics) and
run the signaling as a diff. pair. You'll get more distance, and somewhat
less RF problems.

73, de -KR- N6RCE
n6rce@...

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hal Kennedy
Sent: Wednesday, April 27, 2005 6:13 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] RS232 Cable Length

I'm looking into remoting my pair of 2000As about 25 feet from the shack.
Wonder if anybody has tried to find the max length the RDU will talk to the
amp over an extended RS232 cable, before some sort of buffering has to be
added?

Hal
N4GG

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Groups Links

1400. RE: [acom-list] RS232 Cable Length

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-27 17:54:55 UTC
From: N2TK, Tony
Topic: 1397 Message: 1400

Hi Hal,
I have a 33' RCU cable extender from Acom. My amp is in the basement. Just coiled and taped the extra cable. There have been no problems remoting the amp. According to the schematic there are LM393's in the head of the extender cable for the signal lines.
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Hal Kennedy
Sent: Wednesday, April 27, 2005 9:13 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] RS232 Cable Length

I'm looking into remoting my pair of 2000As about 25 feet from the shack. Wonder if anybody has tried to find the max length the RDU will talk to the amp over an extended RS232 cable, before some sort of buffering has to be added?

Hal
N4GG

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1401. Re: [acom-list] RS232 Cable Length

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-28 01:44:11 UTC
From: VA3MW - Port Credit
Topic: 1397 Message: 1401

Depending on the RS232 cards, drivers, you can get amazing length.

I was able to run 800 Meters on 18 gauge wire at 4800 baud. Your mileage
may vary. (This was NOT for an amp installation)

Just test it and see if it works.

Mike VA3MW

----- Original Message -----
From: "N2TK, Tony" <tony.kaz@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, April 27, 2005 1:54 PM
Subject: RE: [acom-list] RS232 Cable Length

>
> Hi Hal,
> I have a 33' RCU cable extender from Acom. My amp is in the basement. Just
> coiled and taped the extra cable. There have been no problems remoting the
> amp. According to the schematic there are LM393's in the head of the
> extender cable for the signal lines.
> N2TK, Tony
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On
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> Of Hal Kennedy
> Sent: Wednesday, April 27, 2005 9:13 AM
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> Subject: [acom-list] RS232 Cable Length
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> Hal
> N4GG
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> [Non-text portions of this message have been removed]
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1402. RS-232 Cable extension

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-28 14:03:28 UTC
From: Hal Kennedy
Topic: 1402 Message: 1402

Thanks to all for the great info. I didn't realize Acom sold an extender- I expect its pretty standard serial cable.

Ill be running a few checks i the next few weeks and report what I find. Its encouraging to hear there are LM393s on the ends - which is good practice and should help a lot. Ferrite beads might help any pick up/resonance issues.

Thanks again.

Hal
N4GG
Subject: RS232 Cable Length

I'm looking into remoting my pair of 2000As about 25 feet from the shack. Wonder if anybody has tried to find the max length the RDU will talk to the amp over an extended RS232 cable, before some sort of buffering has to be added?

Hal
N4GG

1403. Hot switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-04-30 19:35:34 UTC
From: alfihey
Topic: 1403 Message: 1403

Hello to the group,
I tried to key up my ACOM 1000 with the ptt of an old tube
transceiver. The ACOM 1000 displayed 'hot switching'. I suppose that
there is a rf-signal on the power-input connector of the amplifier
before the transceiver's ptt relay has keyed up the amplifier. Is
there any
solution for this problem available? Alfred, DL2JR

1404. VHF ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-01 11:47:02 UTC
From: John Lemay
Topic: 1404 Message: 1404

Hi all

Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be persuaded to work on 4m ? I guess the tuning network will run out of C or L, and the low pass filter will not permit 4m, but I just thought I'd ask. Perhaps the Acom 1006 ?

I also wonder if there are any plans for a 2m Acom amp ?

John G4ZTR

1405. Re: [acom-list] VHF ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-01 14:47:57 UTC
From: mike hardy
Topic: 1404 Message: 1405

hi john,
theres a guy in lincon mick he as the acom 1000 ask him plus its for sale as well
Mick Thompson, mick@... on 30/04/2005

mob 07930250159 or home 01522809076

he can tell you more about the acom 1000...
not for got about pro3.....

Mike Hardy
M0FCG - M1KEY - 2E0KEY
mob - 07979764523
email: m0fcg1@...
Life is a Icom ic-756 pro III &
Kenwood ts2000x

> Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be
> persuaded to work on 4m ? I guess the tuning network will run out of C or L,
> and the low pass filter will not permit 4m, but I just thought I'd ask.
> Perhaps the Acom 1006 ?
>
> I also wonder if there are any plans for a 2m Acom amp ?
>
> John G4ZTR
>
>

1406. Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-03 21:57:38 UTC
From: Charlie, W0YG
Topic: 1162 Message: 1406

Does anyone yet have the new Acom 1010 and the older Acom 1000? If so, can you provide some comparisons for me please. The 1010 seems to be a "traveling" amplifier as opposed to the 1000 which can travel but is right at the max weight allowable on an airplane. Since I hear the airlines are lowering the max weight from 70 to 50 pounds, perhaps the 1010 is the way to go for a portable amplifier.

I have compared the specifications between the two and since I own a 1000, I would like input from a 1010 owner.

Thanks and 73,

Charlie, W0YG..>>

1407. Re: VHF ? - ACOM1000 on 4m

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-11 11:34:41 UTC
From: Uffe Lindhardt
Topic: 1404 Message: 1407

I tried to tune the ACOM1000 on 4m with low power. Both capacitors landed in minimum position, and the gain was in the order of 0.2dB.

If you want to use the amplifier on 4m, I think the first thing to try
is to disconnect the 100MHz harmonic trap.

I am not sure, that this will be enough, so probably you would need to
reduce the size of one or both the coils aswell, to get resonance. If it will all result in a proper loading of the tube is also an open question.

I tried to do some simulations, but it did not lead to much, as it is difficult to determine the reactance values of the different components. I think a mix of simulation & practical testing is what is
needed.

The fact remains, that the tube will work fine at 70MHz, and that the input circuit is broadband resistive, so only the output PI-L circuit has to be adapted. Let us know, what you achieve.

Uffe PA5DD

--- In acom-list@yahoogroups.com, "John Lemay" <john@c...> wrote:
> Hi all
>
> Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be
> persuaded to work on 4m ? I guess the tuning network will run out of
C or L,
> and the low pass filter will not permit 4m, but I just thought I'd ask.
> Perhaps the Acom 1006 ?
>
> I also wonder if there are any plans for a 2m Acom amp ?
>
> John G4ZTR

1408. WRTC 2006

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-12 19:37:44 UTC
From: Will Angenent
Topic: 1408 Message: 1408

Acom America has donated one of their new suitcase amplifiers (value $2340US) to be raffled off by WRTC 2006 fundraising committee. The proceeds will go to the WRTC 2006 general fund. Raffle chances will be sold for $10US apiece at WRTC fundraising locations throughout Dayton. The drawing for the amplifier will take place at the Contest Dinner on Saturday night in the Van Cleve Ballroom at the Crowne Plaza Hotel.

[Non-text portions of this message have been removed]

1409. WRTC 2006

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-17 13:44:18 UTC
From: Will Angenent
Topic: 1408 Message: 1409

Dear WRTC 2006 friends:

By special courtesy of our friends from ACOM we are going to have a RAFFLE organized and coordinated by K1ZM (Jeff) and K1LZ (Krassy) during Dayton Vention , one week from now.
Please look for our WRTC2006 Team in ARENA and Crowne Plaza Hotel.
Take a look on the equipment. The specs on ACOM WEB PAGE http://www.hfpower.com/
Good luck
Oms PY5EG

[Non-text portions of this message have been removed]

1410. Re: [acom-list] WRTC 2006

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-17 14:20:59 UTC
From: Al Baker
Topic: 1408 Message: 1410

A raffle of which equipment? Can those of us unable to attend Dayton also buy a chance?

73 de Al, W5IZ

_____
Do you Yahoo!?
Make Yahoo! your home page
http://www.yahoo.com/r/hs

1411. Re: [acom-list] WRTC 2006

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-17 15:09:17 UTC
From: Will Angenent
Topic: 1408 Message: 1411

Please contact K1ZM, k1zm@...

Regards,

Will

PS Please post the answer back to the reflector also. (Thanks)
----- Original Message -----
From: "Al Baker" <w5iz@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, May 17, 2005 10:20 AM
Subject: Re: [acom-list] WRTC 2006

> A raffle of which equipment? Can those of us unable to attend Dayton also
> buy a chance?
>
> 73 de Al, W5IZ
>
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> _____________________________________
> Do you Yahoo!?
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1412. FW: [CQ-Contest] WRTC Acom 1010 Amp and WRTC Trip Package Raffle - fornon-Dayton Attendees

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-17 18:31:52 UTC
From: Gerry Hull
Topic: 1412 Message: 1412

Here's what you need:

Subject: [CQ-Contest] WRTC Acom 1010 Amp and WRTC Trip Package Raffle - fornon-Dayton Attendees

Gang

Just in case you missed it and are not attending Dayton, if you would like to take a chance on the FREE TRIP to WRTC 2006 in Brazil travel package

OR

If you want to take a chance on the ACOM 1010 suitcase type amplifier that has been donated by ACOM

Here's how to do it:

1) Chances are $10 per chance
2) Payment can ONLY be effected via PAYPAL to K1ZM@...
3) PLEASE be sure to give me within the text of the paypal transfer message:

a) Your CALLSIGN
b) Tell me which raffle your payment is for

I have to close this off by MIDNIGHT sharp on Wed May 18th, 2005 as I depart in the wee hours myself on the 19th for Dayton.

Interest so far is strong from here in the US and overseas. If you want to try your luck, go for it.

Thanks to all who have supported WRTC 2006.

73 Jeff K1ZM
For the WRTC 2006 Organizing Committee

K1ZM@...

_____
CQ-Contest mailing list
CQ-Contest@...
http://lists.contesting.com/mailman/listinfo/cq-contest

1413. Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 00:14:47 UTC
From: jimgrunner
Topic: 1413 Message: 1413

Does anyone see any problem with positioning the ACOM 2000A sideways.
I have a nice spot with lots of ventilation under the desk if I do it
this way.

tu es 73
Jim, AD6WL

1414. RE: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 01:00:50 UTC
From: bmarton
Topic: 1413 Message: 1414

Jim, I have had my 2000A open several times and I can report that there are no Gin Martini's inside. You can turn it on it's side without worries!

Best Regards,

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of jimgrunner
Sent: Sunday, May 22, 2005 8:15 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Amp Sideways?

Does anyone see any problem with positioning the ACOM 2000A sideways.
I have a nice spot with lots of ventilation under the desk if I do it
this way.

tu es 73
Jim, AD6WL

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1415. Re: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 01:08:16 UTC
From: k2qmf@juno.com
Topic: 1413 Message: 1415

Will The tubes be okay running sideways???
I would ask the manufacturer!!

73, Ted K2QMF

On Sun, 22 May 2005 21:00:50 -0400 "bmarton" <bmarton@...>
writes:
> Jim, I have had my 2000A open several times and I can report that
> there are
> no Gin Martini's inside. You can turn it on it's side without
> worries!
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> Best Regards,
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> Bruce K1XR
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of jimgrunner
> Sent: Sunday, May 22, 2005 8:15 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Amp Sideways?
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> Does anyone see any problem with positioning the ACOM 2000A
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> tu es 73
> Jim, AD6WL

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1416. Re: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 03:35:31 UTC
From: R. Sigismonti
Topic: 1413 Message: 1416

Careful! I don't know about the Svetlana tubes, but some tubes are sensitive to element sag when mounting horizontally instead of the normal vertical orientation. This leads to filament or cathode shorting to the control grid. may not be a problem here, but check it out before you do any damage.

de Sig

On May 22, 2005, at 9:00 PM, bmarton wrote:

> Jim, I have had my 2000A open several times and I can report that
> there are
> no Gin Martini's inside. You can turn it on it's side without
> worries!
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> Best Regards,
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> Bruce K1XR
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of jimgrunner
> Sent: Sunday, May 22, 2005 8:15 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Amp Sideways?
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> Does anyone see any problem with positioning the ACOM 2000A sideways.
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> tu es 73
> Jim, AD6WL

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1417. Re: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 08:19:21 UTC
From: Giorgio Goggi
Topic: 1413 Message: 1417

Mine has been working ever since that way. No problems whatsoever.
73 de Giorgio, I2KMG

jimgrunner wrote:

>Does anyone see any problem with positioning the ACOM 2000A sideways.
>I have a nice spot with lots of ventilation under the desk if I do it
>this way.
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>tu es 73
>Jim, AD6WL
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>Yahoo! Groups Links
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1418. RE: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 12:27:41 UTC
From: bmarton
Topic: 1413 Message: 1418

I believe the sag issue is mostly having to do with tubes such as 811a's, the ceramic tubes are very stout, the cooling fins are welded together and if you ever get them hot enough to glow, you have more problems than sag going on.

Check with Krassy at Acom and I think you'll hear from him that this should not be an issue. It's only my opinion, but ask the experts.

Bruce K1XR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of R. Sigismonti
Sent: Sunday, May 22, 2005 11:36 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Amp Sideways?

Careful! I don't know about the Svetlana tubes, but some tubes are sensitive to element sag when mounting horizontally instead of the normal vertical orientation. This leads to filament or cathode shorting to the control grid. may not be a problem here, but check it out before you do any damage.

de Sig

On May 22, 2005, at 9:00 PM, bmarton wrote:

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1419. Re: [acom-list] Amp Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 12:41:25 UTC
From: Jim Cox
Topic: 1413 Message: 1419

I dont think there is a sag issue with the 800s as they were made for military use in all kinds of environments, planes, tanks, etc. Still better to check with the experts, Jim K4JAF
----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Monday, May 23, 2005 7:27 AM
Subject: RE: [acom-list] Amp Sideways?

I believe the sag issue is mostly having to do with tubes such as 811a's, the ceramic tubes are very stout, the cooling fins are welded together and if you ever get them hot enough to glow, you have more problems than sag going on.

Check with Krassy at Acom and I think you'll hear from him that this should not be an issue. It's only my opinion, but ask the experts.

Bruce K1XR

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Sent: Sunday, May 22, 2005 11:36 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Amp Sideways?

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de Sig

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> Subject: [acom-list] Amp Sideways?
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[Non-text portions of this message have been removed]

1420. Sideways?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-23 15:59:29 UTC
From: Hal Kennedy
Topic: 1420 Message: 1420

From the Svetlana data sheet for the GU-74B (4CX-800A):

"Operating position: ANY"

See:

http://www.rfparts.com/GU84B.html

Being rated for "any position" however should not be viewed as meaning the tube's operating position can be changed once it has been placed in service - which is an entirely different and much more difficult spec to design the tube for. Unless the tube's filament supports have been designed expressly for the ability to change operating position after the tube has been operated, you can almost count on an open filament if you try it. The good news is that most if not all of the GU-74Bs on the market are the militarized/ruggedized ones and "should be" okay for position changes after being placed in service.

Here is the issue:

Filaments sag in all power tubes (including those rated for "any position") as well in ordinary things such as light bulbs.

When a filament is brought up to operation (white hot) the filament becomes soft, sags a little due to gravity and takes a permanent set mechanically. If you then change the operating position of the tube the filament will take a new mechanical set. Do this very many times and you will have a broken filament. "Very many times" can be as little as once. This phenomena is easy to see and demonstrate in a horizontally mounted bayonet style pilot lamp - like a #47. Take out one that's been operating fine, turn it 180 degrees, put it back in and in no time it will be dead. If you think of the two filament support posts in the #47, the filament was sagging in an arch shape 'down' between them. When you flipped the bulb 'upside down' the filament was arched up between the support posts until you turned it on, at which point the filament got soft, and gravity pulled the filament from arched up to arched down - they usually break in the first attempt.

Since the GU-74Bs are militarized/ruggedized, I would, with a little trepidation, turn my Acoms on their sides. But I would be leery of trying to operate them sometimes vertical and sometimes horizontal; or worst of all sometimes on their left side and sometimes on their right side without keeping spare tubes handy!

73,
Hal
N4GG

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
Sent: Monday, May 23, 2005 10:23 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Digest Number 449

There are 7 messages in this issue.

Topics in this digest:

1. Amp Sideways?
From: "jimgrunner" <IronmanY2K@...>
2. RE: Amp Sideways?
From: "bmarton" <bmarton@...>
3. Re: Amp Sideways?
From: k2qmf@...
4. Re: Amp Sideways?
From: R. Sigismonti <n3rs@...>
5. Re: Amp Sideways?
From: Giorgio Goggi <Giorgio.Goggi@...>
6. RE: Amp Sideways?
From: "bmarton" <bmarton@...>
7. Re: Amp Sideways?
From: Jim Cox <jcox123@...>

Message: 1
Date: Mon, 23 May 2005 00:14:47 -0000
From: "jimgrunner" <IronmanY2K@...>
Subject: Amp Sideways?

Does anyone see any problem with positioning the ACOM 2000A sideways.
I have a nice spot with lots of ventilation under the desk if I do it
this way.

tu es 73
Jim, AD6WL

Message: 2
Date: Sun, 22 May 2005 21:00:50 -0400
From: "bmarton" <bmarton@...>
Subject: RE: Amp Sideways?

Jim, I have had my 2000A open several times and I can report that there are
no Gin Martini's inside. You can turn it on it's side without worries!

Best Regards,

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of jimgrunner
Sent: Sunday, May 22, 2005 8:15 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Amp Sideways?

Does anyone see any problem with positioning the ACOM 2000A sideways.
I have a nice spot with lots of ventilation under the desk if I do it
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[Non-text portions of this message have been removed]

Message: 3
Date: Sun, 22 May 2005 21:08:16 -0400
From: k2qmf@...
Subject: Re: Amp Sideways?

Will The tubes be okay running sideways???
I would ask the manufacturer!!

73, Ted K2QMF

On Sun, 22 May 2005 21:00:50 -0400 "bmarton" <bmarton@...>
writes:
> Jim, I have had my 2000A open several times and I can report that
> there are
> no Gin Martini's inside. You can turn it on it's side without
> worries!

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>
> Best Regards,
>
> Bruce K1XR
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> On Behalf
> Of jimgrunner
> Sent: Sunday, May 22, 2005 8:15 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Amp Sideways?
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> Does anyone see any problem with positioning the ACOM 2000A
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Message: 4
Date: Sun, 22 May 2005 23:35:31 -0400
From: R. Sigismonti <n3rs@...>
Subject: Re: Amp Sideways?

Careful! I don't know about the Svetlana tubes, but some tubes are
sensitive to element sag when mounting horizontally instead of the
normal vertical orientation. This leads to filament or cathode
shorting to the control grid. may not be a problem here, but check it
out before you do any damage.

de Sig

On May 22, 2005, at 9:00 PM, bmarton wrote:

> Jim, I have had my 2000A open several times and I can report that
> there are
> no Gin Martini's inside.? You can turn it on it's side without
> worries!
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> Best Regards,
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> Bruce K1XR
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> ? _____?
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of jimgrunner
> Sent: Sunday, May 22, 2005 8:15 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Amp Sideways?
>
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> Does anyone see any problem with positioning the ACOM 2000A sideways.?
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Message: 5
Date: Mon, 23 May 2005 10:19:21 +0200
From: Giorgio Goggi <Giorgio.Goggi@...>
Subject: Re: Amp Sideways?

Mine has been working ever since that way. No problems whatsoever.
73 de Giorgio, I2KMG

jimgrunner wrote:

>Does anyone see any problem with positioning the ACOM 2000A sideways.
>I have a nice spot with lots of ventilation under the desk if I do it
>this way.
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>tu es 73
>Jim, AD6WL
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>Yahoo! Groups Links
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Message: 6
Date: Mon, 23 May 2005 08:27:41 -0400
From: "bmarton" <bmarton@...>
Subject: RE: Amp Sideways?

I believe the sag issue is mostly having to do with tubes such as 811a's, the ceramic tubes are very stout, the cooling fins are welded together and if you ever get them hot enough to glow, you have more problems than sag going on.

Check with Krassy at Acom and I think you'll hear from him that this should not be an issue. It's only my opinion, but ask the experts.

Bruce K1XR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of R. Sigismonti
Sent: Sunday, May 22, 2005 11:36 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Amp Sideways?

Careful! I don't know about the Svetlana tubes, but some tubes are sensitive to element sag when mounting horizontally instead of the normal vertical orientation. This leads to filament or cathode shorting to the control grid. may not be a problem here, but check it out before you do any damage.

de Sig

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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of jimgrunner
> Sent: Sunday, May 22, 2005 8:15 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Amp Sideways?
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Message: 7
Date: Mon, 23 May 2005 07:41:25 -0500
From: Jim Cox <jcox123@...>
Subject: Re: Amp Sideways?

I dont think there is a sag issue with the 800s as they were made for
military use in all kinds of environments, planes, tanks, etc. Still better
to check with the experts, Jim K4JAF
----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Monday, May 23, 2005 7:27 AM
Subject: RE: [acom-list] Amp Sideways?

I believe the sag issue is mostly having to do with tubes such as 811a's,
the ceramic tubes are very stout, the cooling fins are welded together and
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Check with Krassy at Acom and I think you'll hear from him that this
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Bruce K1XR

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Of R. Sigismonti

Sent: Sunday, May 22, 2005 11:36 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Amp Sideways?

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Yahoo! Groups Links

1421. just a reminder to keep your amp running 100%

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-28 14:50:52 UTC
From: shapiro_martin
Topic: 1421 Message: 1421

I have almost 3000 hours on my 2000A and I want to pass along these reminders:

1. check your rear cooling foam filter and wash off the dust
2. check to ensure all connections are tight and in good shape
3. verify your supply line voltage has not changed ...with this thought I also stongly suggest you purchase an ICE model 338 inline protector for delicate equipment. This is rated at 240v, 25a 1 outlet..and ground it per the enclosed instructions.

We protect our 120vac stuff with surge protection etc. but often the amp is overlooked. with lightning and storms a power surge is not uncommon. The cost of the ICE-338 is pennies compared to the expense of repairing the amp.
4. Dust off the tube chimneys and dust under the amp too.

A while back I wrote a post about touch up paint. I can say that the color is indeed very close, and if I'm not looking for the exact spot I painted, the touch up is almost invisible.

Living in Glendale Arizona, it is very dusty here. I installed a cover over the tube chimneys to reduce dust build up. I use one square of toilet paper per chimney. With the amp off the paper covers the chimney holes. with the amp on the exhaust air is strong enough to lift the toilet paper and allow full air flow.

regards, Marty KA7GKN

1422. Re: [acom-list] just a reminder to keep your amp running 100%

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-28 16:16:41 UTC
From: Barry
Topic: 1421 Message: 1422

One thing I do for dust prevention is I put a piece of paper over the
two tube exhausts. If I forget to remove it before I turn the amp
on, it just gets blown off on its own.
73,
Barry W2UP

On 28 May 2005 shapiro_martin wrote:

> I have almost 3000 hours on my 2000A and I want to pass along these
> reminders:
>
> 1. check your rear cooling foam filter and wash off the dust
> 2. check to ensure all connections are tight and in good shape
> 3. verify your supply line voltage has not changed ...with this
> thought I also stongly suggest you purchase an ICE model 338 inline
> protector for delicate equipment. This is rated at 240v, 25a 1
> outlet..and ground it per the enclosed instructions.
>
> We protect our 120vac stuff with surge protection etc. but often
> the amp is overlooked. with lightning and storms a power surge is
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> expense of repairing the amp.
> 4. Dust off the tube chimneys and dust under the amp too.
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> A while back I wrote a post about touch up paint. I can say that the
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> over the tube chimneys to reduce dust build up. I use one square of
> toilet paper per chimney. With the amp off the paper covers the
> chimney holes. with the amp on the exhaust air is strong enough to
> lift the toilet paper and allow full air flow.
>
> regards, Marty KA7GKN
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> Yahoo! Groups Links
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1423. Re: [acom-list] just a reminder to keep your amp running 100%

Yahoo group: acom-list (1999 — 2009)
Date: 2005-05-28 17:21:43 UTC
From: alsopb
Topic: 1421 Message: 1423

One better. Make a flap like you see on diesel exhaust pipes.

Cut a rectangular piece of paper with long tabs on one side.
Attach the ears to the cabinet case with the plastic removable
adhesive. Voila. Opens with air flow and shuts with none.

You may have to fiddle with the width and length of tabs to get it
just right.

73 de Brian/K3KO

Barry wrote:
> One thing I do for dust prevention is I put a piece of paper over the
> two tube exhausts. If I forget to remove it before I turn the amp
> on, it just gets blown off on its own.
> 73,
> Barry W2UP
>
> On 28 May 2005 shapiro_martin wrote:
>
>
>>I have almost 3000 hours on my 2000A and I want to pass along these
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>>
>>1. check your rear cooling foam filter and wash off the dust
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1424. Fill-in list manager

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-04 19:07:41 UTC
From: Barry
Topic: 1424 Message: 1424

Hi all,
Just wanted to let you know that Arnie, W7BIA@..., will be
handling the list management chores for the next few weeks.
Fortunately, this is a very well-behaved list, so all that's pretty
much involved is approving new members and weeding out the spammers
that try to sign up. If anything does come up, please contact Arnie.

I'll be heading to Z3-land for HST2005 (IARU High Speed Telegraphy
Championship), then to SV for the XYL's part of the trip :.) K1ZZ
tells me I'm the first serious CW op from the USA to participate. It
should be interesting and fun...

I don't know if HST scores will be posted to the Internet while it's
going on, but feel free to cheer me on :.)
Info at http://www.hst2005.com.mk/En/home.htm

73 es gud QRO,
Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1425. Re: [acom-list] Fill-in list manager

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-04 20:06:08 UTC
From: Mel Whitten
Topic: 1424 Message: 1425

..Good Luck Barry, I wish I were going also. Yes, Dave was there one year, it is pretty exciting!
73
Mel, K0PFX
QRQ CFO #23

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Saturday, June 04, 2005 2:07 PM
Subject: [acom-list] Fill-in list manager

Hi all,
Just wanted to let you know that Arnie, W7BIA@..., will be
handling the list management chores for the next few weeks.
Fortunately, this is a very well-behaved list, so all that's pretty
much involved is approving new members and weeding out the spammers
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Info at http://www.hst2005.com.mk/En/home.htm

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Barry W2UP--
Barry Kutner, W2UP Internet: w2up@...
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[Non-text portions of this message have been removed]

1426. ACOM 1000 firmware?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-07 21:58:38 UTC
From: DJ3IW Goetz
Topic: 1426 Message: 1426

Hi,
would the German ham who asked about the ACOM 1000 firmware
a while ago please contact me off the list?

73 de Goetz
dj3iw@...

1427. K1LZ

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-12 05:26:41 UTC
From: Andy Fyodoroff
Topic: 1427 Message: 1427

Hi guyz!

Just worry, how is Krassy doing K1LZ (ACOM US Boss). Heard bad news
from CY9SS DXpedition that he was evacuated by heli (brocken leg).

73 de T6X Andy Afghanistan

1428. Re: K1LZ & CY9SS

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-12 09:52:35 UTC
From: wally
Topic: 1428 Message: 1428

Andy,

according to info given by ARRL it was not Krassy who's got his leg hurt.

CY9SS DXpedition on the air after rough landing
Source: ARRL - Date: 2005-06-10
The Daily DX relays a report from Robby Robertson, VY2SS, that the CY9SS StPaul Island DXpedition crew had a very rough landing this week. While coming ashore, the team lost a generator and three tower sections, and the landing craft?s captain hurt his leg. High wind and rain also hampered efforts to set up camp, but CY9SS has been up and running since early on June 8 on 80, 40 and 20 meter SSB (listening up). The DXpedition, scheduled to continue until July 7, hoped to be active on all bands by June 9. Logs will be posted to the Internet. A second wave of CY9SS operators is currently working its way north. CY9SS plans 6-meter operation. Listen on or about 50.103 MHz. QSL CY9SS via VY2SS, 57 Tranquility Ln, Bloomfield, PEI C0B 1E0 CANADA

73, Wally LZ2CJ
one of LZ9W M/M Contest Team

--- "Andy Fyodoroff" <admin@...> ????????:
> Hi guyz!
>
> Just worry, how is Krassy doing K1LZ (ACOM US Boss). Heard bad news
> from CY9SS DXpedition that he was evacuated by heli (brocken leg).
>
> 73 de T6X Andy Afghanistan
>
>
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>

1429. RE: Re: K1LZ & CY9SS

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-12 17:39:43 UTC
From: Kevin J. Rowett
Topic: 1428 Message: 1429

From the Daily DX...KR N6RCE

I know many of you have been wondering what happened to CY9SS. VY2RU, Ken McCormick, tells The Daily DX the CY9SS DXpedition temporarily went QRT yesterday just prior to 1800Z. As you all will recall they had a tuff landing losing several sections of tower and a generator in the ocean. The weather also has not been very kind. Yesterday one of the team members was air lifted off the island and taken to a hospital in Nova Scotia. Around 2130Z yesterday K1LZ, Krassy Petkov, broke a leg. The helicopter crew, paramedics, Krassy and KY1V, David, left the island via a Canadian Search and Rescue helicopter around 0015Z today. KY1V, David, is OK he went along with Krassy to help out. On top of all the other things that have happened, last night a major storm with lightning came through. This too kept the CY9SS team off the air last night. The CY9SS crew is now down to four operators and will be back on the air as soon as they can manage. In fact as of this time (1130Z) CY9SS is QRV on 6 meters on 50103. Tuesday morning, June 15th, another five operators are expected on the island, weather permitting. Despite the weather on the island the first three days of operation of CY9SS the team will continue until about July 7th.

Bernie McClenny, W3UR

Now more than ever - you need The Daily DX and The Weekly DX - to keep up with the DX news from around the globe!

Editor of - The Daily DX <-- two free weeks http://www.dailydx.com/order.htm
- The Weekly DX <-- free sample
http://www.dailydx.com/weekly2.html
- How's DX

http://www.dailydx.com

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of wally
Sent: Sunday, June 12, 2005 2:53 AM
To: acom-list@yahoogroups.com
Cc: admin@...
Subject: [acom-list] Re: K1LZ & CY9SS

Andy,

according to info given by ARRL it was not Krassy who's got his leg hurt.

CY9SS DXpedition on the air after rough landing
Source: ARRL - Date: 2005-06-10
The Daily DX relays a report from Robby Robertson, VY2SS, that the CY9SS StPaul Island DXpedition crew had a very rough landing this week. While

coming ashore, the team lost a generator and three tower sections, and the landing craft's captain hurt his leg. High wind and rain also hampered efforts to set up camp, but CY9SS has been up and running since early on June 8 on 80, 40 and 20 meter SSB (listening up). The DXpedition, scheduled to continue until July 7, hoped to be active on all bands by June 9. Logs will be posted to the Internet. A second wave of CY9SS operators is currently working its way north. CY9SS plans 6-meter operation. Listen on or about 50.103 MHz. QSL CY9SS via VY2SS, 57 Tranquility Ln, Bloomfield, PEI C0B 1E0 CANADA

73, Wally LZ2CJ
one of LZ9W M/M Contest Team

--- "Andy Fyodoroff" <admin@cqdx.ru> написано:
> Hi guyz!
>
> Just worry, how is Krassy doing K1LZ (ACOM US Boss). Heard bad news
> from CY9SS DXpedition that he was evacuated by heli (brocken leg).
>
> 73 de T6X Andy Afghanistan
>
>
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>

Yahoo! Groups Links

1430. Update on Krassy Petkov - K1LZ

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-12 18:31:49 UTC
From: Kevin J. Rowett
Topic: 1430 Message: 1430

FYI...

73, de -KR- N6RCE

-----Original Message-----
From: cq-contest-bounces@... [mailto:cq-contest-bounces@...] On Behalf Of K1ZM@...
Sent: Sunday, June 12, 2005 10:22 AM
To: cq-contest@...; yccc@...; wrtc2006@...
Cc: k6nd@...
Subject: [CQ-Contest] Update on Krassy Petkov - K1LZ

Guys

I just spoke to Krassy Petkov's wife about his condition and Krassimira gave me the following update as of mid afternoon today. They operated on him last night and did surgical repairs to his left leg around the hip. Apparenty some metal parts were involved and Krassy is in ALOT of pain. Yet, the doctors are optimistic about his recovery.

At the moment, not only is his left leg broken but the right one is severely bruised and Krassy is basically immobile - he cannot move at all. There is no paralysis - just some time needed to recover from his injuries I guess.

He is in the Cape Breton Regional Hospital in Sydney, NS - and as far as I know, he has no phone at this time. I called the main patient number and a nurse went and found Krassimira so she could come to the phone and talk with me.

That's the latest on his condition - please keep this big guy in your prayers - he has alot to go through from this fall before things get back to normal.

73 JEFF

K1ZM@...

_____
CQ-Contest mailing list
CQ-Contest@...
http://lists.contesting.com/mailman/listinfo/cq-contest

[Non-text portions of this message have been removed]

1431. RE: [acom-list] Update on Krassy Petkov - K1LZ

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-13 02:01:29 UTC
From: bmarton
Topic: 1430 Message: 1431

Hey Krassy,

If you see this, I hope the hell you are doing OK. I won't invite you to climb the two towers this summer to install the wire antenna we talked about. I'll just have to take care of it myself! Anyway, get that leg fixed up, will you?

Bruce

K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kevin J. Rowett
Sent: Sunday, June 12, 2005 2:32 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Update on Krassy Petkov - K1LZ

FYI...

73, de -KR- N6RCE

-----Original Message-----
From: cq-contest-bounces@...
[mailto:cq-contest-bounces@...] On Behalf Of K1ZM@...
Sent: Sunday, June 12, 2005 10:22 AM
To: cq-contest@...; yccc@...; wrtc2006@...
Cc: k6nd@...
Subject: [CQ-Contest] Update on Krassy Petkov - K1LZ

Guys

I just spoke to Krassy Petkov's wife about his condition and Krassimira gave

me the following update as of mid afternoon today. They operated on him last
night and did surgical repairs to his left leg around the hip. Apparenty some
metal parts were involved and Krassy is in ALOT of pain. Yet, the doctors are optimistic about his recovery.

At the moment, not only is his left leg broken but the right one is severely

bruised and Krassy is basically immobile - he cannot move at all. There is no
paralysis - just some time needed to recover from his injuries I guess.

He is in the Cape Breton Regional Hospital in Sydney, NS - and as far as I know, he has no phone at this time. I called the main patient number and a nurse went and found Krassimira so she could come to the phone and talk with me.

That's the latest on his condition - please keep this big guy in your prayers
- he has alot to go through from this fall before things get back to normal.

73 JEFF

K1ZM@...

_____
CQ-Contest mailing list
CQ-Contest@...
http://lists.contesting.com/mailman/listinfo/cq-contest

[Non-text portions of this message have been removed]

_____

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/acom-list/

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

_____ NOD32 1.1136 (20050611) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1432. ACOM 2000A F.S.

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-16 23:00:39 UTC
From: Brian A
Topic: 1432 Message: 1432

ACOM 2000A + spare finals FS

Will discuss price et al off list

73 de Brian/K3KO

1433. Krassy Petkov

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-18 02:12:36 UTC
From: rozamollova
Topic: 1433 Message: 1433

Dear Krassimira and Krassy,
I am so sorry to hear about the accident that happened to Krassy!
I want to assure you that you are in my prayers and I hope for a
speedy recovery.
See you soon!
Roza

1434. Status of Krassy?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-23 18:52:27 UTC
From: Mel Whitten
Topic: 1434 Message: 1434

Does anyone have any further updates on Krassy's condition after his fall? I wonder if he is home now recuperating ok?
I know we all wish him a speedy recovery.

Tnx,

Mel, K0PFX
St Louis

[Non-text portions of this message have been removed]

1435. FWD: [acom-list] Status of Krassy?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-23 22:48:36 UTC
From: Jim Idelson
Topic: 1435 Message: 1435

Hi Mel,

I visited with Krassy yesterday. He is back in Massachusetts, but not quite home yet. He'll be in a local hospital for a couple of days. When he's got his physical therapy and home care situation sorted out, I think he'll be heading home. He's in good spirits and on the mend now.

Jim Idelson K1IR
email k1ir at designet.com
web http://www.designet.com/k1ir

---------- Forwarded Message ----------

FROM: "Mel Whitten" <mel@...>
TO: <acom-list@yahoogroups.com>
DATE: Thu, 23 Jun 2005 13:52:27 -0500

RE: [acom-list] Status of Krassy?

Does anyone have any further updates on Krassy's condition after his fall? I wonder if he is home now recuperating ok?
I know we all wish him a speedy recovery.

Tnx,

Mel, K0PFX
St Louis

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1436. New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-24 23:36:08 UTC
From: Charlie, W0YG
Topic: 1158 Message: 1436

Just wanted the group to know I have been testing the new Acom 1010 amplifier, an excellent small, portable excellent Dxpedition amplifier. It has performed flawlessly for me to date, three weeks operating time. I plan on taking this with me on my next trip out as my primary amp. It easily does 500W out and can do 700W provided you don't mind looking at a red LED. The folks at Acom tell me to run it at 800W out but I haven't had the need or the desire to go there yet.

Tuning is quite easy, especially with Acom's mething of showing you which way to turn the loading cap. There is not the same feature the Acom 1000 has of adding in the drive attenuator which would be nice, I have to admit.

All in all, Acom makes quality gear and this 1010 is no exception. If you need a nice portable amplifier, I highly recommend the 1010 as you won't be disappointed.

Just my two cents worth.

73,

Charlie, W0YG..>>

1437. Re: [acom-list] New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-25 00:12:06 UTC
From: alsopb
Topic: 1158 Message: 1437

Charlie,

It really irks me that ACOM doesn't post the prices of their gear.

I wonder if you can tell me the price?

Charlie, W0YG wrote:

> Just wanted the group to know I have been testing the new Acom 1010
> amplifier, an excellent small, portable excellent Dxpedition
> amplifier. It has performed flawlessly for me to date, three weeks
> operating time. I plan on taking this with me on my next trip out
> as my primary amp. It easily does 500W out and can do 700W provided
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> Tuning is quite easy, especially with Acom's mething of showing you
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> the Acom 1000 has of adding in the drive attenuator which would be
> nice, I have to admit.
>
> All in all, Acom makes quality gear and this 1010 is no exception.
> If you need a nice portable amplifier, I highly recommend the 1010
> as you won't be disappointed.
>
> Just my two cents worth.
>
> 73,
>
> Charlie, W0YG..>>
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> Yahoo! Groups Links
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1438. Re: [acom-list] New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-25 00:21:14 UTC
From: mike hardy
Topic: 1158 Message: 1438

hi at the vine antenna products shop www.vinecom.co.uk
the acom 1010 is £1195
Mike Hardy
M0FCG - M1KEY - 2E0KEY
mob - 07791754432
email: m0fcg1@ntlworld.com
Life is a Icom ic-756 pro III &
Kenwood ts2000x

----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Saturday, June 25, 2005 1:12 AM
Subject: Re: [acom-list] New Acom 1010 amplifier

Charlie,

It really irks me that ACOM doesn't post the prices of their gear.

I wonder if you can tell me the price?

Charlie, W0YG wrote:

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> operating time. I plan on taking this with me on my next trip out
> as my primary amp. It easily does 500W out and can do 700W provided
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> the Acom 1000 has of adding in the drive attenuator which would be
> nice, I have to admit.
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> All in all, Acom makes quality gear and this 1010 is no exception.
> If you need a nice portable amplifier, I highly recommend the 1010
> as you won't be disappointed.
>
> Just my two cents worth.
>
> 73,
>
> Charlie, W0YG..>>

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> Yahoo! Groups Links
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Yahoo! Groups Links

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No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.0/27 - Release Date: 23/06/2005

[Non-text portions of this message have been removed]

1439. Re: New Acom 1010 amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-25 12:26:25 UTC
From: Charlie, W0YG
Topic: 1158 Message: 1439

--- In acom-list@yahoogroups.com, alsopb <alsopb@g...> wrote:
> Charlie,
>
> It really irks me that ACOM doesn't post the prices of their gear.
>
> I wonder if you can tell me the price?

Brian:

The list price is $2340.00 as I recall. They did have a Dayton special though but not sure if it is still on.

73,

Charlie, W0YG..>>

1440. Acom 1000 - Fan running too fast...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-26 22:19:46 UTC
From: Mark Simpson
Topic: 1440 Message: 1440

Hi,

I have owned an Acom 1000 for quite a while now, and I am very pleased with it.

Recently I have started to experience a problem (well it's more annoying than a problem really)...

Normally when you switch the amp on the fan comes on at maximum speed for a second or two then slows down until it is needed (it is designed to do this)... But my fan seems to remain at a high speed. The valve is not hot because I have not transmitted, and the temperature on the display is normal. I have checked all vents and other areas for build up of dust etc...

Has anyone else experienced this? It's not really a problem, but when you are used to the amplifier being very quiet it's annoying.

Mark, MM0MSS

1441. NOS 4CX800A tubes from reputable ebay sources

Yahoo group: acom-list (1999 — 2009)
Date: 2005-06-29 19:26:42 UTC
From: stevehurstg8lik2003
Topic: 1441 Message: 1441

I have been stocking up on 4CX800A/GU74B NOS tubes from a variety of 'mainstream' sources on ebay as a long term insurance policy. Worried about being stuck in 5 or 10 years with two great amps but maybe OTT tube replacement costs. I have not actually tried any in my Acom 1000's as its a bit of hassle but would love to hear if others have found them to be OK. The appearance varies quite a bit...some have slightly mucky purple ceramic, others appear to have been given the once over with a wire brush, sincerely hope none of them are pulls but just normal factory variations/storage artefacts.
Any comments/experiences and issues during replacement will be appreciated.

73's

Steve

1442. Acom 1010 amplifier-first impressions

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-10 12:21:24 UTC
From: Charlie, W0YG
Topic: 1442 Message: 1442

I bought the Acom 1010 amplifier as a result of my experiences with my Acom 1000. I travel quite a bit and even though the Acom 1000 is able to be checked on an airline, perhaps some day, especially in view of some airlines lowering their baggage limits, the 1000 will be over the limit. This is where the 1010 in my opinion come into play.

I have used it now about a month. Its operation is as easy as the Acom 1000. Tuning is a snap, especially with Acoms procedure as it mimics the 1000 scheme. Output is 600 watts all day long, maybe 700 if you get excited and at the top end, 800 watts but not for long as fault LEDs start to glow yellow! RTTY requires a reduction in power to 500 watts out.

This amp also tolerates SWR very well, being able to handle up to 3:1 just like the 1000. That makes this highly desirable for portable operation as it mitigates/eliminates the need for a tuner.

Also a consideration is the 1010's ability to travel as checked luggage without damage or being shaken to pieces. A good protective case, like a Pelican case with what is called 2# foam, is a requirement. I use the 1620 Pelican case with a custom cutout that does not touch any knobs or connectors on the backplane. I had the foam cut to overall dimensions then cut troughs in the foam so the knobs or connectors would not touch. I did this with an electric carving knife.

Krassy and Will (in the States) provide excellent service but I too recommend you call if you need a timely answer. I understand they get literally hundreds of e-mails which makes a quick answer a bit hard.

Acom amps are like Eveready batteries. They keep going, keep going, keep going, keep going.....

Your MMV.

73,

Charlie, W0YG..>>

1443. Re: [acom-list] Acom 1010 amplifier-first impressions

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-10 14:17:54 UTC
From: Lance Collister
Topic: 1442 Message: 1443

Hello Charlie,

Please let me know if you are considering selling your ACOM 1000 - there are some overseas 6m operators looking for a kw, and the ACOM 1000 has worked quite well for EME on that band. Hopefully the introduction of the new 1010 will free up a few of the 1000 models to be available for this use ;-) MNI TNX and 73, Lance

--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728
URL: http://www.bigskyspaces.com/w7gj

Charlie, W0YG wrote:

>I bought the Acom 1010 amplifier as a result of my experiences with
>my Acom 1000. I travel quite a bit and even though the Acom 1000 is
>able to be checked on an airline, perhaps some day, especially in
>view of some airlines lowering their baggage limits, the 1000 will
>be over the limit. This is where the 1010 in my opinion come into
>play.
>
>I have used it now about a month. Its operation is as easy as the
>Acom 1000. Tuning is a snap, especially with Acoms procedure as it
>mimics the 1000 scheme. Output is 600 watts all day long, maybe 700
>if you get excited and at the top end, 800 watts but not for long as
>fault LEDs start to glow yellow! RTTY requires a reduction in power
>to 500 watts out.
>
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>3:1 just like the 1000. That makes this highly desirable for
>portable operation as it mitigates/eliminates the need for a tuner.
>
>Also a consideration is the 1010's ability to travel as checked
>luggage without damage or being shaken to pieces. A good protective
>case, like a Pelican case with what is called 2# foam, is a
>requirement. I use the 1620 Pelican case with a custom cutout that
>does not touch any knobs or connectors on the backplane. I had the
>foam cut to overall dimensions then cut troughs in the foam so the
>knobs or connectors would not touch. I did this with an electric
>carving knife.
>
>Krassy and Will (in the States) provide excellent service but I too

>recommend you call if you need a timely answer. I understand they
>get literally hundreds of e-mails which makes a quick answer a bit
>hard.
>
>Acom amps are like Eveready batteries. They keep going, keep going,
>keep going, keep going.....
>
>Your MMV.
>
>73,
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>Charlie, W0YG..>>
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>Yahoo! Groups Links
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1444. a reminder to clean your air filter!

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-22 00:45:27 UTC
From: shapiro_martin
Topic: 1444 Message: 1444

Well gang it's a mild 116 here in Glendale Az. I decided it's time to remind you to do some preventive maintenance on your ACOM amps! remove the rear foam filter and wash off the dust build up. Allow it to dry, check all connections to ensure they are still tight, and dust the top cover.

Be sure you also have an ICE 338 240VAC 25Amp in line protector for delicate equipment!

You have a surge protector for your computer...Well the 240volt line requires surge protection too!!!

Here in Arizona we experience many power hic-cups and it's cheaper to do something preventive than boxing up the monster and sending it back becuse you fried the power supply!!!!

I am very happy with my Acom 2000A

Regards, Marty KA7GKN

1445. Re: [acom-list] a reminder to clean your air filter!

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-22 01:04:07 UTC
From: William Beyer
Topic: 1444 Message: 1445

The ICE 338 saved my amp a few years ago, TNX ICE!

73

Bill/N2WB
----- Original Message -----
From: shapiro_martin
To: acom-list@yahoogroups.com
Sent: Thursday, July 21, 2005 8:45 PM
Subject: [acom-list] a reminder to clean your air filter!

Well gang it's a mild 116 here in Glendale Az. I decided it's time to
remind you to do some preventive maintenance on your ACOM amps!
remove the rear foam filter and wash off the dust build up. Allow it
to dry, check all connections to ensure they are still tight, and dust
the top cover.

Be sure you also have an ICE 338 240VAC 25Amp in line protector for
delicate equipment!

You have a surge protector for your computer...Well the 240volt line
requires surge protection too!!!

Here in Arizona we experience many power hic-cups and it's cheaper to
do something preventive than boxing up the monster and sending it back
becuse you fried the power supply!!!!

I am very happy with my Acom 2000A

Regards, Marty KA7GKN

YAHOO! GROUPS LINKS

a.. Visit your group "acom-list" on the web.

b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1446. TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-24 13:55:08 UTC
From: Frank Hunter
Topic: 1446 Message: 1446

I'm using the 480's internal relay to key the Acom but it's noisy, the 480 does have an option to use solid state keying - 12v @ 10mA, is this sufficent? I can find no reference in the Acoms manual as to what current the Acoms control circuitry draws, does anyone know?

73, Frank Gi4NKB

1447. Re: [acom-list] TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-25 11:43:37 UTC
From: VA3MW - Port Credit
Topic: 1446 Message: 1447

Frank

Take an ohm meter and measure it. Very simple to do and no risk of damage to anything.

First, measure the open circuit voltage on the keying line. Do this without the radio attached. Make sure this is less than 12VDC.

Then put your ohm meter in a current setting and then put both leads on the keying line (without the radio). The amp will go into transmit (that is OK) and you can measure the current that the A1000 draws in transmit. Again, this needs to be less than 10mA.

My guess is that you'll be OK. I'll measure mine later tonight if I get a chance.

Mike VA3MW
----- Original Message -----
From: "Frank Hunter" <frank.hunter@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, July 24, 2005 9:55 AM
Subject: [acom-list] TS-480 and Acom 1000

> I'm using the 480's internal relay to key the Acom but it's noisy, the
> 480 does have an option to use solid state keying - 12v @ 10mA, is this
> sufficent? I can find no reference in the Acoms manual as to what
> current the Acoms control circuitry draws, does anyone know?
>
> 73, Frank Gi4NKB
>
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> Yahoo! Groups Links
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1448. Re: [acom-list] TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-25 19:27:52 UTC
From: Frank Hunter
Topic: 1446 Message: 1448

VA3MW - Port Credit wrote:

Hi Mike!

Thanks for the reply.

[snip - measuring etc]

> My guess is that you'll be OK. I'll measure mine later tonight if I get a
> chance.

Don't go to all that trouble Mike, LA4WKA sent me this url:

http://n1eu.tripod.com/acom/acom_int.htm

And it answered all my questions. Thanks I again, I appreciate your time
and offer.

73, Frank
Gi4NKB

1449. Re: TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-07-28 11:40:22 UTC
From: Charlie, W0YG
Topic: 1446 Message: 1449

Frank:

Acom's specs say:

The electrical specifications of the amplifier's KEY-IN input are:

- switching voltage (open circuit) - 15V max, positive to ground;
- switching current (closed circuit) - 15mA max;
- voltage drop or resistance of the control output @ 15mA (closed circuit) - 1.5V/250 Ohm max.

73,

Charlie, W0YG..>>

--- In acom-list@yahoogroups.com, Frank Hunter <frank.hunter@n...> wrote:
> I'm using the 480's internal relay to key the Acom but it's noisy, the
> 480 does have an option to use solid state keying - 12v @ 10mA, is this
> sufficent? I can find no reference in the Acoms manual as to what
> current the Acoms control circuitry draws, does anyone know?
>
> 73, Frank Gi4NKB

1450. Re: TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-04 19:19:12 UTC
From: stevehurstg8lik2003
Topic: 1446 Message: 1450

Hi,
Having just got the TS480HX I thought I would try it with my Acom 1000. Just using the relay output though, yes you can hear the relay of the rig which is all but inaudible on the amp.However when the 2 fans come on on the 480 they make more noise than the Acom. That said it seems a good combination and nice to be able to set the drive power to the nearest 5W and there does not seem to be an issue with power overshoots. Seems a cracking combination! Good luck!

73's Steve G8LIK

1451. Re: [acom-list] Re: TS-480 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-04 19:53:55 UTC
From: Frank Hunter
Topic: 1446 Message: 1451

stevehurstg8lik2003 wrote:
> Hi,

Hi Steve!
Thanks for the feedback, yep the 480 and the acom 1000 is a great combination. Try setting up your pf button as "tx tune" I've mine set so that when pushed it will transmit 20w of rf - makes tuning the acom a doddle.

73, Frank Gi4nkb

1452. 2000A optional Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-13 01:29:32 UTC
From: Mel Whitten
Topic: 1452 Message: 1452

I am about to install a 2000A outboard optional fan but after testing it with a 24vdc supply I found it moves a lot of air but at the expense of more noise than I want to hear when the fan is not needed. Does this fan just have one speed (full on) or is the speed controlled by the 2000A and will not run till "needed" or at some slower speed to minimize the noise?
Thanks
Mel, K0PFX

[Non-text portions of this message have been removed]

1453. Re: [acom-list] 2000A optional Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-13 06:48:30 UTC
From: Hans Remeeus
Topic: 1452 Message: 1453

Hello Mel,

What I know is that this fan has only one speed.

I suggest to install a microswitch at the rear panel of the Acom 2000A. With this little switch you are able to switch the fan on, only when you will need it.

There are very different types of fan's. Perhaps you will find a "low-noise" fan, e.g. from PAPST.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Mel Whitten
To: acom-list@yahoogroups.com
Sent: Saturday, August 13, 2005 3:29 AM
Subject: [acom-list] 2000A optional Fan

> I am about to install a 2000A outboard optional fan but after testing
> it with a 24vdc supply I found it moves a lot of air but at the
> expense of more noise than I want to hear when the fan is not needed.
> Does this fan just have one speed (full on) or is the speed
> controlled by the 2000A and will not run till "needed" or at some
> slower speed to minimize the noise?
> Thanks
> Mel, K0PFX
>

[Non-text portions of this message have been removed]

1454. Re: [acom-list] 2000A optional Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-13 13:21:32 UTC
From: Mel Whitten
Topic: 1452 Message: 1454

Hans,
Thanks for info. In the archives, I did find installation info but I could not determine if the fan actually changed speed. I believe it is under "some" control. One message said the fan did not turn on during the 3 minute warm up of tubes. :-) Yes, I thought about adding small switch. I may have to do that.
Thank you for reply.
Mel, K0PFX

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Saturday, August 13, 2005 1:48 AM
Subject: Re: [acom-list] 2000A optional Fan

Hello Mel,

What I know is that this fan has only one speed.

I suggest to install a microswitch at the rear panel of the Acom 2000A. With this little switch you are able to switch the fan on, only when you will need it.

There are very different types of fan's. Perhaps you will find a "low-noise" fan, e.g. from PAPST.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Mel Whitten
To: acom-list@yahoogroups.com
Sent: Saturday, August 13, 2005 3:29 AM
Subject: [acom-list] 2000A optional Fan

> I am about to install a 2000A outboard optional fan but after testing
> it with a 24vdc supply I found it moves a lot of air but at the
> expense of more noise than I want to hear when the fan is not needed.
> Does this fan just have one speed (full on) or is the speed
> controlled by the 2000A and will not run till "needed" or at some
> slower speed to minimize the noise?
> Thanks
> Mel, K0PFX
>

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1455. Re: [acom-list] 2000A optional Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-13 16:06:58 UTC
From: alsopb
Topic: 1452 Message: 1455

I'm wondering why a fan at all. The chief problem here had been removal of heat from the shack-- not heat from that amp. That was in RTTY contesting operation at 1.5kW output. Aux fan never needed. Fan for the shack was needed since temps could get up to 90F in these circumstances!

I was told this was the case by Krasy when I bought the amp. It turned out to be true.

Turning the fan off doesn't seem like a good solution since it blocks the cooling inlet.

If your amp is overheating, I suggest you find out why. Perhaps a good cleaning is in order. Alternatively, how much power are you running.

73 de Brian/K3KO
Mel Whitten wrote:
> Hans,
> Thanks for info. In the archives, I did find installation info but I could not determine if the fan actually changed speed. I believe it is under "some" control. One message said the fan did not turn on during the 3 minute warm up of tubes. :-) Yes, I thought about adding small switch. I may have to do that.
> Thank you for reply.
> Mel, K0PFX
>
> ----- Original Message -----
> From: Hans Remeeus
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 13, 2005 1:48 AM
> Subject: Re: [acom-list] 2000A optional Fan
>
>
> Hello Mel,
>
> What I know is that this fan has only one speed.
>
> I suggest to install a microswitch at the rear panel of the Acom 2000A. With this little switch you are able to switch the fan on, only when you will need it.
>
> There are very different types of fan's. Perhaps you will find a "low-noise" fan, e.g. from PAPST.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl

> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: Mel Whitten
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 13, 2005 3:29 AM
> Subject: [acom-list] 2000A optional Fan
>
> > I am about to install a 2000A outboard optional fan but after testing
> > it with a 24vdc supply I found it moves a lot of air but at the
> > expense of more noise than I want to hear when the fan is not needed.
> > Does this fan just have one speed (full on) or is the speed
> > controlled by the 2000A and will not run till "needed" or at some
> > slower speed to minimize the noise?
> > Thanks
> > Mel, K0PFX
> >
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>
> [Non-text portions of this message have been removed]
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1456. Re: [acom-list] 2000A optional Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-13 17:01:19 UTC
From: Mel Whitten
Topic: 1452 Message: 1456

Hi Brian,
Well, perhaps you are correct. I run a lot of digital voice which has a very high crest factor (preak-to-RMS power is high) and I found my 1000 really heating up with out a fan. Is it true then, that this fan does run constantly at full speed? I've not been able to determine that, yet. This is a new amp, I have not even installed the transformer. To install the fan later, I'll have to lug it back to the work bench and remove the transformer to gain access to the small PCB. I am surprised that ACOM didn't spend a few more cents and install a connector there so the fan could be install without removing the transformer. :-(The other alternative is to find a slower rpm fan. I was just hoping it was under control and changed speed dependent upon cooling requirements, but guess not. I ran 250 watts with the 1000, I would like to run about 500 with 2000a (peaks will hit several times that) while maintaining minumum distrotion.
Thanks for your comments.
Mel, K0PFX

----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Saturday, August 13, 2005 11:06 AM
Subject: Re: [acom-list] 2000A optional Fan

I'm wondering why a fan at all. The chief problem here had been
removal of heat from the shack-- not heat from that amp. That was in
RTTY contesting operation at 1.5kW output. Aux fan never needed. Fan
for the shack was needed since temps could get up to 90F in these
circumstances!

I was told this was the case by Krasy when I bought the amp. It
turned out to be true.

Turning the fan off doesn't seem like a good solution since it blocks
the cooling inlet.

If your amp is overheating, I suggest you find out why. Perhaps a
good cleaning is in order. Alternatively, how much power are you running.

73 de Brian/K3KO
Mel Whitten wrote:
> Hans,
> Thanks for info. In the archives, I did find installation info but I could not determine if the fan actually changed speed. I believe it is under "some" control. One message said the fan did not turn on during the 3 minute warm up of tubes. :-) Yes, I thought about adding small switch. I may have to do that.
> Thank you for reply.
> Mel, K0PFX
>

> ----- Original Message -----
> From: Hans Remeeus
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 13, 2005 1:48 AM
> Subject: Re: [acom-list] 2000A optional Fan
>
>
> Hello Mel,
>
> What I know is that this fan has only one speed.
>
> I suggest to install a microswitch at the rear panel of the Acom 2000A. With this little switch you are able to switch the fan on, only when you will need it.
>
> There are very different types of fan's. Perhaps you will find a "low-noise" fan, e.g. from PAPST.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: Mel Whitten
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 13, 2005 3:29 AM
> Subject: [acom-list] 2000A optional Fan
>
> > I am about to install a 2000A outboard optional fan but after testing
> > it with a 24vdc supply I found it moves a lot of air but at the
> > expense of more noise than I want to hear when the fan is not needed.
> > Does this fan just have one speed (full on) or is the speed
> > controlled by the 2000A and will not run till "needed" or at some
> > slower speed to minimize the noise?
> > Thanks
> > Mel, K0PFX
> >
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>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1457. ACOM tools serial interface

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-29 23:50:47 UTC
From: Mel Whitten
Topic: 1457 Message: 1457

I am attempting to connect a com port to the ACOM 2000A amp but have found it has a DTE 9 pin sub (male) instead of a DCE (female) pins. A "standard" RS232C 9 pin serial cable is not compatible since the PC requires the DTE (male) pin connector. Does this same sex on both mean I should treat the AMP like it is a printer or use a null-modem configuration? Or.. is the pin swapping done within the amp and I just need a straight thru cable with male 9 pin subs on both ends? I don't have the maintenace manual info, I suppose that would give this info.

tnx,

Mel, K0PFX

[Non-text portions of this message have been removed]

1458. Re: [acom-list] ACOM tools serial interface

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-30 04:48:48 UTC
From: Hans Remeeus
Topic: 1457 Message: 1458

Hello Mel,

Not like a printer cable, but like a NULL MODEM cable.

This is the way to do it:

female CANNON-DB9 female CANNON-DB9
(ACOM2000A) (COM1 - PC)
nr. 2 <-----> nr. 3
nr. 3 <-----> nr. 2
nr. 5 <-----> nr. 5
metal case metal case

In addition, please remove any extra connections if present on other contacts. Only contacts 2, 3, and 5 should be connected. You should know that there is a +/-18VDC/50mA supply voltage available on contacts 1 and 9. It could be used by any external apparatus if needed but it should not be wired to the computer.

If your computer uses a DB-25 serial connector, please look at the READMEacom.txt file, p.6 which is contained in the attached zip. You may try also the ACOM.exe DOS application which is especially suitable to control antenna tunings with YAESU FT1000 or FT990 transceivers.

It works fine with me in this way I did it.

Good luck!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Mel Whitten
To: acom-list@yahoogroups.com
Sent: Tuesday, August 30, 2005 1:50 AM
Subject: [acom-list] ACOM tools serial interface

> I am attempting to connect a com port to the ACOM 2000A amp but have
> found it has a DTE 9 pin sub (male) instead of a DCE (female) pins. A
> "standard" RS232C 9 pin serial cable is not compatible since the PC
> requires the DTE (male) pin connector. Does this same sex on both
> mean I should treat the AMP like it is a printer or use a null-modem
> configuration? Or.. is the pin swapping done within the amp and I
> just need a straight thru cable with male 9 pin subs on both ends?
> I don't have the maintenace manual info, I suppose that would give
> this info.
>

> tnx,
>
> Mel, K0PFX
>
>

[Non-text portions of this message have been removed]

1459. Help....

Yahoo group: acom-list (1999 — 2009)
Date: 2005-08-31 17:34:09 UTC
From: Frank Hunter
Topic: 1459 Message: 1459

Can't get any output on 6m from my few weeks old Acom 1000 :(All other bands are ok, has anyone any ideas?

73, Frank Gi4NKB
--
Whats's in your wallet? The RSGB if you aren't careful..

1460. RE: [acom-list] Help....

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-20 22:01:44 UTC
From: Hans w
Topic: 1459 Message: 1460

Hi Frank,

On 6 mtr I tune my Acom with "Tune-knob" on the "30" and the "Load-knob" on the "24" position. In your case is it possebly not the same position. You have to tune much more carefully than on the lower HF-bands course the small bandwidth. Mentaining to think about to switch the Amp on 50 Mhz, will not be necessary.

My Acom 1000 is working great on 6 mtr.

73's

Hans

>From: Frank Hunter <frank.hunter@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: [acom-list] Help....
>Date: Wed, 31 Aug 2005 18:34:09 +0100
>
>Can't get any output on 6m from my few weeks old Acom 1000 :(All other
>bands are ok, has anyone any ideas?
>
>73, Frank Gi4NKB
>--
>Whats's in your wallet? The RSGB if you aren't careful..

_____
MSN Webmessenger voor als je niet achter je eigen PC zit
http://webmessenger.msn.com/

1461. Acom 2000 Price

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-26 00:59:53 UTC
From: rrkpl
Topic: 1461 Message: 1461

I was wondering if anyone knew what the price of the Acom 2000 is at present. I have a friend that used mine and was thinking of getting one but I know there has been a change in exchange rates since I got mine.

Thanks,

Richard / N1VXW

1462. Re: [acom-list] Acom 2000 Price

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-26 01:59:35 UTC
From: Pat Twentythree
Topic: 1461 Message: 1462

Hi Richard,

I paid $6,850.00 with the auxiliary fan and shipping two months ago for my 2000A.

73,

Pat W1KA

rrkpl <rrkpl@...> wrote:
I was wondering if anyone knew what the price of the Acom 2000 is at present. I have a friend that used mine and was thinking of getting one but I know there has been a change in exchange rates since I got mine.

Thanks,

Richard / N1VXW

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[Non-text portions of this message have been removed]

1463. New Acom 2 metre/70CM amps!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-26 19:24:03 UTC
From: stevehurstg8lik2003
Topic: 1463 Message: 1463

Just spotted the news from Vine Antenna Products here in the UK (and the supplier of my excellent Acom 1000A) that these VHF and UHF versions are under development at Acom.
No details available so can only guess on what may be planned...but the 4CX800A is good to 250Mhz for a 1KW output. As for 70CM we shall have to see!!! Can I guess at a GS35B triode? Probably completely wrong but time will tell!
73's to all,

Steve G8LIK

1464. Re: [acom-list] New Acom 2 metre/70CM amps!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-26 20:05:30 UTC
From: G0VHS
Topic: 1463 Message: 1464

So how long will it be before we can modify our 1000's to do 2m...yipee
----- Original Message -----
From: stevehurstg8lik2003
To: acom-list@yahoogroups.com
Sent: Monday, September 26, 2005 8:24 PM
Subject: [acom-list] New Acom 2 metre/70CM amps!!!

Just spotted the news from Vine Antenna Products here in the UK (and
the supplier of my excellent Acom 1000A) that these VHF and UHF
versions are under development at Acom.
No details available so can only guess on what may be planned...but the
4CX800A is good to 250Mhz for a 1KW output. As for 70CM we shall have
to see!!! Can I guess at a GS35B triode? Probably completely wrong but
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73's to all,

Steve G8LIK

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[Non-text portions of this message have been removed]

1465. ACOM 1000 FOR SALE OR TRADE TOWARD ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-09-30 23:12:24 UTC
From: pawnpushing
Topic: 1465 Message: 1465

I have an ACOM 1000 and I am interested in upgrading to the ACOM 2000a.
So, I need to sell this amplifier.

If there is a mark on this amplifier, I have not been able to find
it. It looks and operates as new. I have a spare final tube that I
can include.

I am a DXer, not a contester. It has had little use, mostly CW on 40
meters, non-smoking environment. It has been backup to an Alpha 87a -
which I am also selling after I get the ACOM 2000a.

It can be seen/operated in Yuma, AZ.
cell 817-821-0924
barbiekenw@...

Ken K5WK/7 (previously N6SW)

1466. ACOM 1000 sold

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-01 18:21:20 UTC
From: pawnpushing
Topic: 1466 Message: 1466

The acom 1000 in the previous post is sold.

1467. acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-03 22:03:04 UTC
From: pawnpushing
Topic: 1467 Message: 1467

While ordering my ACOM 2000a, I said I wanted aux fan. Krassy inquited as to why, and I said I always like all the "ounce of prevention" I can get. He said, for the health of the amplifier, do not use the aux fan!

His reason is that after 2 years, the additional dust that the fan brings in causes coils to be coated with a kind of patina. Things just stay cleaner without the fan! And, with Acom's 4 year warranty, how can I argue with that!

He says heat is just not a problem with the amplifier -- it can run hot with no difficulty.

All this is somewhat counter-intuitive to me. Your comments?

Ken K5WK

1468. acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-03 22:11:14 UTC
From: pawnpushing
Topic: 1467 Message: 1468

While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He said "for the health of the amplifier, do not put the aux fan on it."

He said the fan results in more dust being sucked inside, and after a couple of years, it amalgrams with the coils, and you just do not have as clean an environment as you would have without the fan.

Mentioning RTTY, etc. Krassy says heat is just not a problem for the amplifier - dust is more of an exposure. Since ACOM is supplying the 4 year warranty, how can I argue with that?

This is all a bit counter-intuitive to me. Comments?

Ken K5WK/7 (ex-N6SW)

1469. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-03 22:33:55 UTC
From: Bob Naumann - W5OV
Topic: 1467 Message: 1469

Krassy knows what he's talking about.

The amp is spec'ed out very conservatively, and protected very well.

Mine has been tossed around by baggage handlers between Antigua and Dallas 4 times for CQWW SSB operations and has been used in every major contest over the last 6 years or so back here in multi-ops at AA5NT - even on rtty.

No extra fan and it works fine.

73,

Bob W5OV

-----Original Message-----
From: pawnpushing [mailto:barbiekenw@...]
Sent: Monday, October 03, 2005 5:11 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom 2000a and aux fan

While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He said "for the health of the amplifier, do not put the aux fan on it."

He said the fan results in more dust being sucked inside, and after a couple of years, it amalgrams with the coils, and you just do not have as clean an environment as you would have without the fan.

Mentioning RTTY, etc. Krassy says heat is just not a problem for the amplifier - dust is more of an exposure. Since ACOM is supplying the 4 year warranty, how can I argue with that?

This is all a bit counter-intuitive to me. Comments?

Ken K5WK/7 (ex-N6SW)

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1470. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 00:06:30 UTC
From: Barry
Topic: 1467 Message: 1470

I have the extra fan and it has a filter on it. I've had no
problems.
Barry W2UP

On 3 Oct 2005 Bob Naumann - W5OV wrote:

> Krassy knows what he's talking about.
>
> The amp is spec'ed out very conservatively, and protected very well.
>
> Mine has been tossed around by baggage handlers between Antigua and
> Dallas 4 times for CQWW SSB operations and has been used in every
> major contest over the last 6 years or so back here in multi-ops at
> AA5NT - even on rtty.
>
> No extra fan and it works fine.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: pawnpushing [mailto:barbiekenw@...]
> Sent: Monday, October 03, 2005 5:11 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] acom 2000a and aux fan
>
> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."
>
> He said the fan results in more dust being sucked inside, and after a
> couple of years, it amalgrams with the coils, and you just do not have
> as clean an environment as you would have without the fan.
>
> Mentioning RTTY, etc. Krassy says heat is just not a problem for the
> amplifier - dust is more of an exposure. Since ACOM is supplying the
> 4 year warranty, how can I argue with that?
>
> This is all a bit counter-intuitive to me. Comments?
>
>
> Ken K5WK/7 (ex-N6SW)
>
>
>

>
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1471. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 00:15:27 UTC
From: Paul Christensen
Topic: 1467 Message: 1471

> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."

Which then begs the question: "Under what circumstances is the fan recommended?" It's included as an option by Acom for a reason. If the amp is more than capable of running without it, including hot environmental conditions, then what was the rationale for including it into the amp design as an option in some instances?

-Paul, W9AC

1472. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 01:14:18 UTC
From: Ken Waites
Topic: 1467 Message: 1472

Maybe for people like me who think heat is the reason for failures, and feel safer with it. Who is right? Again, THEY have to stand up to the warranty, and if it were a big deal, I think they would LOVE for me to put it on the amp.

So maybe dust is the root of all evils rather than heat? Especially if the heat problem is mitigated by shutting down the amp.

Ken
----- Original Message -----
From: Paul Christensen
To: acom-list@yahoogroups.com
Sent: Monday, October 03, 2005 7:15 PM
Subject: Re: [acom-list] acom 2000a and aux fan

> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."

Which then begs the question: "Under what circumstances is the fan recommended?" It's included as an option by Acom for a reason. If the amp is more than capable of running without it, including hot environmental conditions, then what was the rationale for including it into the amp design as an option in some instances?

-Paul, W9AC

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[Non-text portions of this message have been removed]

1473. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 01:16:00 UTC
From: Ken Waites
Topic: 1467 Message: 1473

Another way of looking at it..... They can measure the heat and keep it inbounds. But they can not measure the dust.

----- Original Message -----
From: Paul Christensen
To: acom-list@yahoogroups.com
Sent: Monday, October 03, 2005 7:15 PM
Subject: Re: [acom-list] acom 2000a and aux fan

> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."

Which then begs the question: "Under what circumstances is the fan recommended?" It's included as an option by Acom for a reason. If the amp is more than capable of running without it, including hot environmental conditions, then what was the rationale for including it into the amp design as an option in some instances?

-Paul, W9AC

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[Non-text portions of this message have been removed]

1474. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 01:37:09 UTC
From: Bob Naumann - W5OV
Topic: 1467 Message: 1474

Continuous use?

-----Original Message-----
From: Paul Christensen [mailto:w9ac@...]
Sent: Monday, October 03, 2005 7:15 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] acom 2000a and aux fan

> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."

Which then begs the question: "Under what circumstances is the fan recommended?" It's included as an option by Acom for a reason. If the amp is more than capable of running without it, including hot environmental conditions, then what was the rationale for including it into the amp design as an option in some instances?

-Paul, W9AC

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1476. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 09:13:14 UTC
From: N6KI Dennis
Topic: 1467 Message: 1476

I noticed that the tube temp in the Measurement Display for Front and rear tubes dropped almost 20 Deg C after installing Aux fan.

This would be in CW mode in a contestlike I did CQP this past weekend running 1500W out (key-down)

I would always take readings during heavy run times with code
speed from 28 to 32 WPM

I can't see how runningthe tubes 20 Deg hotter is going to make them last longer but I am not an expert in Cer-Met tube technology.

Yes, it is a good idea to clean or change out the fan filter
annually at minimum and ssooner if you are in a real dusty environment!

Iam sure that if the dan got clogged, you would see a temp rise
higher than 75 Deg.

My typical temp readingwith fan in heavy run mode is approx 52 to 55 Deg C (20 Deg higher without fan....What's in your wallet ?)

73, Dennis N6KI
(NX6T - San Diego Contest Club)

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1477. 2000A Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 12:01:39 UTC
From: Hal Kennedy
Topic: 1477 Message: 1477

Bought one 2000A new - Wil tried hard to talk me out of the aux fan, but I insisted and got it. Installed it myself. It has never come on. I asked about the trip point - I was told its set in software at either 80 or 90 deg C of tube exit air temp (can't remember which), and I never get above about 75 deg C here so the fan just sits there and restricts the incoming air slightly. Next time I take the amp cover off I am going to remove the fan; plan B would be to wire it so it is always on (like the aux fan in my Alpha 99).

I asked if there was a way to reprogram the software and lower the "on temp" and was told no. My second 2000A runs slightly cooler - it has no aux fan and I'm convinced it's because it doesn't have the aux fan adding restriction.

Tube temp seems to be a strong function of tune-up. When properly tuned, my 2000As need 55W of drive for 1500W out, and the tubes are typically 60 deg C during heavy CQ on CW ands SSB, and around 75-80 deg C on RTTY. When not tuned properly, you can have 1500W out for 70 or 80 watts of drive and the tubes run a lot hotter. If you want to run your amp(s) this way - the aux fan might be a good idea. Or, if you are in a really hot environment and/or running on 50 Hz, the aux fan might be useful, otherwise it is just getting in the way.

Just another viewpoint.

Hal
N4GG

1478. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 14:52:07 UTC
From: Pat Twentythree
Topic: 1467 Message: 1478

I have the auxiliary fan on my 2000A and I found that the amplifier will run 20 -30 degrees cooler, than when I did not have the fan in place. I don't feel that dust is a problem. You just need to clean the filter once and a while and not every 5 years when there is a problem. There is almost no noise from the auxiliary fan and I feel that for the components to be 20 - 30 degrees cooler is better for the amplifier all the way around.

73,

Pat W1KA

Bob Naumann - W5OV <W5OV@...> wrote:
Continuous use?

-----Original Message-----
From: Paul Christensen [mailto:w9ac@...]
Sent: Monday, October 03, 2005 7:15 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] acom 2000a and aux fan

> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> said "for the health of the amplifier, do not put the aux fan on it."

Which then begs the question: "Under what circumstances is the fan recommended?" It's included as an option by Acom for a reason. If the amp is more than capable of running without it, including hot environmental conditions, then what was the rationale for including it into the amp design as an option in some instances?

-Paul, W9AC

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[Non-text portions of this message have been removed]

1479. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 15:16:13 UTC
From: Bob Naumann - W5OV
Topic: 1467 Message: 1479

I don't think there's any argument that cooler is not better.

The point is that your amplifier is not "at risk" by not having the auxiliary fan.

73,

Bob W5OV

> I have the auxiliary fan on my 2000A and I found that the amplifier will run 20 -30 degrees cooler, than when I did not have the fan in place. I don't feel that dust is a problem. You just need to clean the filter once and a while and not every 5 years when there is a problem. There is almost no noise from the auxiliary fan and I feel that for the components to be 20 - 30 degrees cooler is better for the amplifier all the way around.
>
> 73,
>
> Pat W1KA
>
> Bob Naumann - W5OV <W5OV@...> wrote:
> Continuous use?
>
>
>
> -----Original Message-----
> From: Paul Christensen [mailto:w9ac@...]
> Sent: Monday, October 03, 2005 7:15 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] acom 2000a and aux fan
>
> > While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He
> > said "for the health of the amplifier, do not put the aux fan on it."
>
> Which then begs the question: "Under what circumstances is the fan
> recommended?" It's included as an option by Acom for a reason. If the amp
> is more than capable of running without it, including hot environmental
> conditions, then what was the rationale for including it into the amp design
> as an option in some instances?
>

> -Paul, W9AC
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Bob Naumann - W5OV

1480. cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-04 19:37:34 UTC
From: pawnpushing
Topic: 1480 Message: 1480

Well, there is some reason for the 150 second warm up period.

There is obviously some range of normal temperatures that must be attained, just like our automobiles. Otherwise this would be an instant on amplifier.

We all came thru the 811a, 3-500z etc. era where we viewed the healthy pink on the plates. We knew too much pink was not good, and after about one failure, we paid a lot of attention to heat. Heat most certainly was our enemy -- the most prevelant consideration.

Now the problem of too much pink in the Acom 2000a is over. The temperature is monitored in a better way than we were ever able to do. Too much heat is bad. Too little heat is also bad. Putting the amplifier in a deepfreeze would not help. The point is that with or without aux fan, the tube is in its safe range, and it will not fail sooner due to heat -- the amplifier will shut down.

After consideration, I am not ordering the fan.

Ken K5WK

1481. A1000 Firmware

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-05 12:06:43 UTC
From: VA3MW - Port Credit
Topic: 1481 Message: 1481

What is different about the versions of Firmware? Is it possible to upgrade the firmware to the latest?

Mike VA3MW

1482. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-08 18:25:10 UTC
From: Hans Remeeus
Topic: 1480 Message: 1482

Hello Ken,

I very much enjoyed your message, written with a good sense of humor!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: pawnpushing
To: acom-list@yahoogroups.com
Sent: Tuesday, October 04, 2005 9:37 PM
Subject: [acom-list] cooler is better?

> Well, there is some reason for the 150 second warm up period.
>
> There is obviously some range of normal temperatures that must be
> attained, just like our automobiles. Otherwise this would be an
> instant on amplifier.
>
> We all came thru the 811a, 3-500z etc. era where we viewed the
> healthy pink on the plates. We knew too much pink was not good, and
> after about one failure, we paid a lot of attention to heat. Heat
> most certainly was our enemy -- the most prevelant consideration.
>
> Now the problem of too much pink in the Acom 2000a is over. The
> temperature is monitored in a better way than we were ever able to
> do. Too much heat is bad. Too little heat is also bad. Putting
> the amplifier in a deepfreeze would not help. The point is that
> with or without aux fan, the tube is in its safe range, and it will
> not fail sooner due to heat -- the amplifier will shut down.
>
> After consideration, I am not ordering the fan.
>
> Ken K5WK
>

[Non-text portions of this message have been removed]

1483. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-08 20:26:51 UTC
From: alsopb
Topic: 1480 Message: 1483

Keep in mind that putting the extra fan on the amp will probably
result in higher temperatures when the fan is not running.

The fan blocks some of the inlet area.

How much higher, I don't know.

de Brian/K3KO

Hans Remeeus wrote:
> Hello Ken,
>
> I very much enjoyed your message, written with a good sense of humor!
>
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: pawnpushing
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 04, 2005 9:37 PM
> Subject: [acom-list] cooler is better?
>
>
>>Well, there is some reason for the 150 second warm up period.
>>
>>There is obviously some range of normal temperatures that must be
>>attained, just like our automobiles. Otherwise this would be an
>>instant on amplifier.
>>
>>We all came thru the 811a, 3-500z etc. era where we viewed the
>>healthy pink on the plates. We knew too much pink was not good, and
>>after about one failure, we paid a lot of attention to heat. Heat
>>most certainly was our enemy -- the most prevelant consideration.
>>
>>Now the problem of too much pink in the Acom 2000a is over. The
>>temperature is monitored in a better way than we were ever able to
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>>the amplifier in a deepfreeze would not help. The point is that
>>with or without aux fan, the tube is in its safe range, and it will
>>not fail sooner due to heat -- the amplifier will shut down.

>>
>>After consideration, I am not ordering the fan.
>>
>>Ken K5WK
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> [Non-text portions of this message have been removed]
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1484. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-08 22:22:46 UTC
From: Pat Twentythree
Topic: 1480 Message: 1484

With my 2000a the fan is always running. It comes on right after the amplifier comes out of warm up. How is it going to block the inlet area, if the fan is forcing cool air into the cabinet. I would rather clean the fan filter a few time a year and have the amplifier run 20 to 30 degrees cooler. I feel that the auxiliary fan helps to keep not only the tubes cooler but the other components, like the transformers and the electrolytic capacitors cooler also. It might be over kill to have the fan but I will be keeping my fan in place and working when I operate my 2000A.

Pat W1KA

alsopb <alsopb@...> wrote:
Keep in mind that putting the extra fan on the amp will probably
result in higher temperatures when the fan is not running.

The fan blocks some of the inlet area.

How much higher, I don't know.

de Brian/K3KO

Hans Remeeus wrote:
> Hello Ken,
>
> I very much enjoyed your message, written with a good sense of humor!
>
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: pawnpushing
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 04, 2005 9:37 PM
> Subject: [acom-list] cooler is better?
>
>
>>Well, there is some reason for the 150 second warm up period.
>>
>>There is obviously some range of normal temperatures that must be
>>attained, just like our automobiles. Otherwise this would be an
>>instant on amplifier.
>>

>>We all came thru the 811a, 3-500z etc. era where we viewed the
>>healthy pink on the plates. We knew too much pink was not good, and
>>after about one failure, we paid a lot of attention to heat. Heat
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>>Now the problem of too much pink in the Acom 2000a is over. The
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>>with or without aux fan, the tube is in its safe range, and it will
>>not fail sooner due to heat -- the amplifier will shut down.
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>>After consideration, I am not ordering the fan.
>>
>>Ken K5WK
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1485. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-08 22:45:36 UTC
From: Mel Whitten
Topic: 1480 Message: 1485

I just use a good filter. I found excellent filter material at Home Depot used for central heating which
keeps the "dust/debris" out. I use this same material on 21 industrial pcs in a dusty, hot Ft Worth
ware house and they remain clean as a whistle inside. Yes, the filter causes additional back pressure
on the external fan but this should not be a real concern. It is necessary to check the filter 'monthly'
and replace it as required. Clean and cooler is better. :-)
Mel, K0PFX

----- Original Message -----
From: alsopb
To: acom-list@yahoogroups.com
Sent: Saturday, October 08, 2005 3:26 PM
Subject: Re: [acom-list] cooler is better?

Keep in mind that putting the extra fan on the amp will probably
result in higher temperatures when the fan is not running.

The fan blocks some of the inlet area.

How much higher, I don't know.

de Brian/K3KO

Hans Remeeus wrote:
> Hello Ken,
>
> I very much enjoyed your message, written with a good sense of humor!
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>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: pawnpushing
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 04, 2005 9:37 PM
> Subject: [acom-list] cooler is better?
>
>

>>Well, there is some reason for the 150 second warm up period.
>>
>>There is obviously some range of normal temperatures that must be
>>attained, just like our automobiles. Otherwise this would be an
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>>
>>We all came thru the 811a, 3-500z etc. era where we viewed the
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>>After consideration, I am not ordering the fan.
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>>Ken K5WK
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1486. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-08 23:23:46 UTC
From: alsopb
Topic: 1480 Message: 1486

Pat,

That is not how most people have the fan wired. Most wire it so it comes on only when temperature is above a setpoint.

Wired this way, when the fan is off, the fan blocks the air inlet. Most people quickly find out that the fan doesn't come on much. Thus, one had restricted the airflow most of the time.

Again, I don't know how much of an increased temperature this blockage adds. I do know it will increase the temperature.

To me the extra fan defeats one big advantage of the ACOM. That is that is a quiet amp. Why add the extra noise when the cooling isn't required?

I hooked up the supplied extra fan to a power source to hear how it sounded before installing. To me, it added an unacceptable level of additional noise. The fan was never installed. It was never needed either-- even during RTTY contests. (What I really needed was an additional exhaust fan for the shack! The temperature in the shack did sometimes get above 90F during RTTY contest weekends. This speaks quite well for the ability of the stock cooling system's ability to remove heat from the amp...)

73 de Brian/K3KO

Pat Twentythree wrote:
> With my 2000a the fan is always running. It comes on right after the amplifier comes out of warm up. How is it going to block the inlet area, if the fan is forcing cool air into the cabinet. I would rather clean the fan filter a few time a year and have the amplifier run 20 to 30 degrees cooler. I feel that the auxiliary fan helps to keep not only the tubes cooler but the other components, like the transformers and the electrolytic capacitors cooler also. It might be over kill to have the fan but I will be keeping my fan in place and working when I operate my 2000A.
>
> Pat W1KA
>
> alsopb <alsopb@...> wrote:
> Keep in mind that putting the extra fan on the amp will probably
> result in higher temperatures when the fan is not running.
>
> The fan blocks some of the inlet area.
>
> How much higher, I don't know.
>
> de Brian/K3KO

>
> Hans Remeeus wrote:
>
>>Hello Ken,
>>
>>I very much enjoyed your message, written with a good sense of humor!
>>
>>
>>
>>73,
>>Hans Remeeus (PA1HR)
>>http://www.remeeus.nl
>>Communication is about people, the rest is technology.
>>
>>
>>---- Original Message ----
>>From: pawnpushing
>>To: acom-list@yahoogroups.com
>>Sent: Tuesday, October 04, 2005 9:37 PM
>>Subject: [acom-list] cooler is better?
>>
>>
>>
>>>Well, there is some reason for the 150 second warm up period.
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>>>attained, just like our automobiles. Otherwise this would be an
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>>>most certainly was our enemy -- the most prevelant consideration.
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>>>the amplifier in a deepfreeze would not help. The point is that
>>>with or without aux fan, the tube is in its safe range, and it will
>>>not fail sooner due to heat -- the amplifier will shut down.
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>>>After consideration, I am not ordering the fan.
>>>
>>>Ken K5WK
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>>[Non-text portions of this message have been removed]
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1487. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-09 00:02:14 UTC
From: Pat Twentythree
Topic: 1480 Message: 1487

Brian,

When I wired my fan into the 2000A, I didn't see any indication that I could set the fan to turn on and off with temperature. When I spoke to Will about it, he never made mention of any setting that could be adjusted to turn the fan on and off with a temperature setting. I guess, I must have missed something.

As for noise there is almost none, I have to put my ear just above the auxiliary fan to hear that it is even running. I must have received a different type of fan then the one you received.

As far as I am concerned, cooler is better.

Pat W1KA

alsopb <alsopb@...> wrote:
Pat,

That is not how most people have the fan wired. Most wire it so it comes on only when temperature is above a setpoint.

Wired this way, when the fan is off, the fan blocks the air inlet. Most people quickly find out that the fan doesn't come on much. Thus, one had restricted the airflow most of the time.

Again, I don't know how much of an increased temperature this blockage adds. I do know it will increase the temperature.

To me the extra fan defeats one big advantage of the ACOM. That is that is a quiet amp. Why add the extra noise when the cooling isn't required?

I hooked up the supplied extra fan to a power source to hear how it sounded before installing. To me, it added an unacceptable level of additional noise. The fan was never installed. It was never needed either-- even during RTTY contests. (What I really needed was an additional exhaust fan for the shack! The temperature in the shack did sometimes get above 90F during RTTY contest weekends. This speaks quite well for the ability of the stock cooling system's ability to remove heat from the amp...)

73 de Brian/K3KO

Pat Twentythree wrote:
> With my 2000a the fan is always running. It comes on right after the amplifier comes out of warm up. How is it going to block the inlet area, if the fan is forcing cool air into the cabinet. I would rather clean the fan filter a few time a year and have the amplifier run 20 to 30 degrees cooler. I feel that the auxiliary fan helps to keep not only the tubes

cooler but the other components, like the transformers and the electrolytic capacitors cooler also. It might be over kill to have the fan but I will be keeping my fan in place and working when I operate my 2000A.
>
> Pat W1KA
>
> alsopb <alsopb@...> wrote:
> Keep in mind that putting the extra fan on the amp will probably
> result in higher temperatures when the fan is not running.
>
> The fan blocks some of the inlet area.
>
> How much higher, I don't know.
>
> de Brian/K3KO
>
> Hans Remeeus wrote:
>
>>Hello Ken,
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>>---- Original Message ----
>>From: pawnpushing
>>To: acom-list@yahoogroups.com
>>Sent: Tuesday, October 04, 2005 9:37 PM
>>Subject: [acom-list] cooler is better?
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>>>Ken K5WK
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>>[Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1488. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-09 03:50:21 UTC
From: Barry
Topic: 1480 Message: 1488

My aux. fan runs all the time, and I was unaware of any other option,
too. IIRC, it was installed at the factory. I don't remember
installing it (but it's been a while, and I'm getting older, hi).
Barry W2UP

On 8 Oct 2005 Pat Twentythree wrote:

> With my 2000a the fan is always running. It comes on right after the
> amplifier comes out of warm up. How is it going to block the inlet
> area, if the fan is forcing cool air into the cabinet. I would rather
> clean the fan filter a few time a year and have the amplifier run 20
> to 30 degrees cooler. I feel that the auxiliary fan helps to keep not
> only the tubes cooler but the other components, like the transformers
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> have the fan but I will be keeping my fan in place and working when I
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> > From: pawnpushing

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> > Sent: Tuesday, October 04, 2005 9:37 PM
> > Subject: [acom-list] cooler is better?
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> > [Non-text portions of this message have been removed]
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1489. Cooler is better

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-09 12:51:13 UTC
From: Hal Kennedy
Topic: 1489 Message: 1489

Interesting to find there seems to be two ways to wire the aux fan. I wired mine in - put the wires on the "fan +" and "fan -" solder pads. The fan never comes on. Checked the fan - its good. Checked with Will, he told me the set point is 80 or 90 degrees C, and set in software and can't be changed. I never get to 80 degrees C.

I have one 2000A without the aux fan and one with. The one with the aux fan that never runs, runs about 4 degrees C hotter than the one without. I attribute this to air flow blockage by the non-operating aux fan.

Electronics reliability studies over the years all have pointed up the fact that cooler is better - the data is compelling. A few degrees C however is not significant. There may be hot spots within the amp that could benefit from more cooling - but the 2000A seems to be very reliable from all reports.

The reason there is a 150 second warm-up period is because of the cold war - no pun intended. The US blocked the export or thorium related technology to the USSR - judging it a strategic technology. As a result, the Russians did not have thoriated tungsten filaments, and stuck instead with indirectly heated metal-oxide cathodes. This is what's in the Svetlana 4CX800A. Cathodes take time to heat up to a nice even dull-red temperature. If you let the tube emit before the cathode is evenly warmed up, the hottest spots on the cathode will emit all the electrons (current), and you can burn a hole in the cathode at those spots. The rest of the amp requires no warm-up, but the tubes need a good 150 seconds. Tube life may be extended by holding off transmitting another 30-60 seconds after the timed warm-up, assuming you are not chasing the country you need to make the honor roll - in which case 150 seconds seems like eternity. The Alpha 99 timer is 180 seconds.

Hal
N4GG

1490. Re: [acom-list] Cooler is better

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-09 15:44:11 UTC
From: Ken Waites
Topic: 1489 Message: 1490

80 deg C is 176 F, 90 deg C is 194 F. Thats pretty warm to the touch, and will heat up a closed room.
----- Original Message -----
From: Hal Kennedy
To: acom-list@yahoogroups.com
Sent: Sunday, October 09, 2005 7:51 AM
Subject: [acom-list] Cooler is better

Interesting to find there seems to be two ways to wire the aux fan. I wired mine in - put the wires on the "fan +" and "fan -" solder pads. The fan never comes on. Checked the fan - its good. Checked with Will, he told me the set point is 80 or 90 degrees C, and set in software and can't be changed. I never get to 80 degrees C.

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Hal
N4GG

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1491. RE: [acom-list] Cooler is better

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-09 22:35:36 UTC
From: N2TK, Tony
Topic: 1489 Message: 1491

So, what about the US tubes made with indirect heated cathodes - 8874's as an example? I got to believe it is more than an exporting issue of thorium.
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Hal Kennedy
Sent: Sunday, October 09, 2005 8:51 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Cooler is better

Interesting to find there seems to be two ways to wire the aux fan. I wired mine in - put the wires on the "fan +" and "fan -" solder pads. The fan never comes on. Checked the fan - its good. Checked with Will, he told me the set point is 80 or 90 degrees C, and set in software and can't be changed. I never get to 80 degrees C.

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Hal
N4GG

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[Non-text portions of this message have been removed]

1492. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 06:21:07 UTC
From: N6KI Dennis
Topic: 1480 Message: 1492

THE fan noise is negligable and almost undetectable.
If I understanding how you testd your fan for noise,
you hooled up the fan by itself and not to the amp
with the filter in place...had you put it into actual
operation you on the amp, you would see there is virtually
no noise when it runs constantly.

I'll take the 20 Deg drop and once a year cleaning....
over possible reduced life of whatever components
deteriorate due to heat over the upcoming years.

73, Dennis N6KI
Sandy Eggo

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1493. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 11:40:22 UTC
From: alsopb
Topic: 1480 Message: 1493

Sandy,

What fan did ACOM supply you with? Mine was a PAPST AN4214GM. It's
noise contribution is rated at 45dba which is pretty noisy.

BTW I'd be glad to sell the above fan for $20 shipped via USPS.

73 de Brian/K3KO

N6KI Dennis wrote:
> THE fan noise is negligable and almost undetectable.
> If I understanding how you testd your fan for noise,
> you hooled up the fan by itself and not to the amp
> with the filter in place...had you put it into actual
> operation you on the amp, you would see there is virtually
> no noise when it runs constantly.
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> I'll take the 20 Deg drop and once a year cleaning....
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> 73, Dennis N6KI
> Sandy Eggo
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1494. Cooler is better

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 12:32:14 UTC
From: Hal Kennedy
Topic: 1489 Message: 1494

Regarding US tubes with cathodes - thoriated tungsten filaments require lots of current and are expensive to manufacture, and do not hold physical position well compared to cathodes; hence they are not universally used. The choice between filaments and cathodes is the result of a set of tradeoffs including physical robustness, cost, warm-up time, class of intended service, service life, etc. US makers can choose between thoriated filaments and cathodes, USSR makers could not in years past. They may have access to thoriated tungsten now - I don't know.

BTW: I like my SVET 4CX800s just like they are. Slow and ugly, yes - but cheap and otherwise quite robust.

73
Hal
N4GG

1495. acomTOOLS question

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 16:33:14 UTC
From: Bill NY9H
Topic: 1480 Message: 1495

a new user has a question....

Is this an error???
it is being sent repeatedly into the exception report ...if not
filling up , certainly crowding the report,,,,,:::

EXCEPTION(ERROR)
ERROR:Source:newObjects.USPCACOMSerislProtocolPacket1,Incorrect
paremter firld size-this error is expected if you are using
paramString property,(line 60,chr24,conyext0)

Is this tying up bandwidth for no reason ??? pse help me to slightly
understand this ....

everything seems to work ok....

bill

1496. Re: [acom-list] acomTOOLS question

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 18:21:00 UTC
From: Barry
Topic: 1480 Message: 1496

Bill,
I don't know what the error means, but Acom Tools was written for
Win98. For me, it works fine on an old Win98 computer I have, but
won't work with my XP system.

I know Acom had some "miscommunications" with the guy (in LZ) that
wrote the program. It's a shame Acom has not updated their software
for current operating systems.
Barry, W2UP

On 10 Oct 2005 Bill NY9H wrote:

> a new user has a question....
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> Is this an error???
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> bill
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1497. Re: [acom-list] acomTOOLS question

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 18:43:00 UTC
From: Bill NY9H
Topic: 1480 Message: 1497

it (v 1.5beta) does work fine with the exception (excuse the pun)
of the exception report,,,""this error is expected if you are using
> paramString property,(line 60,chr24,conyext0) ""

if the error is expected, then i wonder how to fix the "string" or whatever,,,
so while expected i'd like to not have exception report full of
"expected" stuff...

maybe i'll be able to figure where line60 is....

at least this exercise has me learning about computers,,,,

bill

At 01:21 PM 10/10/2005, you wrote:

>Bill,
>I don't know what the error means, but Acom Tools was written for
>Win98. For me, it works fine on an old Win98 computer I have, but
>won't work with my XP system.
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>I know Acom had some "miscommunications" with the guy (in LZ) that
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> > paremter firld size-this error is expected if you are using
> > paramString property,(line 60,chr24,conyext0)
> >
> >
> > Is this tying up bandwidth for no reason ??? pse help me to slightly
> > understand this ....
> >
> > everything seems to work ok....
> >
> > bill

> >
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> >
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>Barry Kutner, W2UP Internet: w2up@...
>Newtown, PA Frankford Radio Club
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>Yahoo! Groups Links
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1498. Re: [acom-list] cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 19:37:19 UTC
From: N6KI Dennis
Topic: 1480 Message: 1498

I will have to check what fan is on my acom..providing I can see
the model number when filter is removed...If I have to take the
top cover off and the 1000 screws holding it..I probably won't bother

Again, let me ask...Did you actyually install the
fan ON your ACOM 2000A - a bench test withour fan mounted
is not a valid noise test

73, Dennis N6KI

_____
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1499. Re: cooler is better?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 20:21:38 UTC
From: Brian A
Topic: 1480 Message: 1499

Dennis,

I disagree. Bench testing is the way the dba is measured. They can't measure it in all possible configurations. It is the only reasonable way to compare fan to fan differences.

A quick search of the internet yielded the following reference to fan noise measurements:
http://www.keysida.com.cn/News/en/e_news_detail.asp?id=53

I quote from it:

"According to CNS8753 test standard, such as the diagram shows to placed the fan in to the room with background noise lower than 15dB, and put the microphone in front of the inhaling wind side of the fan with distance of one meter, and after measuring, through analyzing and systemizing the testing data by the computer, we can draw out the trend curve of Sound Pressure Level frequency."

What you are asking me to believe is that a fan which has a 45dba noise value in free space will decrease to something like 25 or 30 dba by simply mounting it on the back of an amp! Good trick-- reducing the noise a factor of 10-30.

I guess I'll have to take your word for it since I would not mount such a noise maker on the back of a quiet amp.

73 de Brian/K3KO

--- In acom-list@yahoogroups.com, "N6KI Dennis" <n6ki@j...> wrote:
>
> I will have to check what fan is on my acom..providing I can see
> the model number when filter is removed...If I have to take the
> top cover off and the 1000 screws holding it..I probably won't bother
>
> Again, let me ask...Did you actyually install the
> fan ON your ACOM 2000A - a bench test withour fan mounted
> is not a valid noise test
>
> 73, Dennis N6KI
>
>
>
> _____
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>

1500. Re: [acom-list] acomTOOLS question

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-10 20:24:58 UTC
From: Mel Whitten
Topic: 1480 Message: 1500

Acom tools runs Ok on my AMD Athlon 64 using XP.
Have not had any faults/error messages.

I do not have the ACOM antenna switch so don't know
if program will function under XP with it.

Yes, program has not quite kept up with what could
be done. Geez, a little faster communication rate on the
serial line for starters. 1200 baud? 9600+ would give
much faster response. And 5 level baudot for
diagnostics? I guess there is/was a reason for these slower
speeds. No real complaints, it works, so maybe that is the answer. :-)

Mel, K0PFX

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Monday, October 10, 2005 1:21 PM
Subject: Re: [acom-list] acomTOOLS question

Bill,
I don't know what the error means, but Acom Tools was written for
Win98. For me, it works fine on an old Win98 computer I have, but
won't work with my XP system.

I know Acom had some "miscommunications" with the guy (in LZ) that
wrote the program. It's a shame Acom has not updated their software
for current operating systems.
Barry, W2UP

On 10 Oct 2005 Bill NY9H wrote:

> a new user has a question....
>
> Is this an error???
> it is being sent repeatedly into the exception report ...if not
> filling up , certainly crowding the report,,,,,:::
>
> EXCEPTION(ERROR)
> ERROR:Source:newObjects.USPCACOMSerislProtocolPacket1,Incorrect
> paremter firld size-this error is expected if you are using
> paramString property,(line 60,chr24,conyext0)
>
>
> Is this tying up bandwidth for no reason ??? pse help me to slightly
> understand this ....

>
> everything seems to work ok....
>
> bill
>
>
>
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

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[Non-text portions of this message have been removed]

1501. AW: [acom-list] acomTOOLS question

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-11 06:43:11 UTC
From: Herrmann, Thomas
Topic: 1501 Message: 1501

hello Mel,
the 5 level baudot for diagnostics allows remote diagnositcs by data transmission via telephone line. That was very helpfull for me in a certain case.
By the way, thank You for our short 40m cw QSO today. Now I know the reason for Your real big sig ;-)).

73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im Auftrag von Mel Whitten
Gesendet: Montag, 10. Oktober 2005 22:25
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] acomTOOLS question

Acom tools runs Ok on my AMD Athlon 64 using XP.
Have not had any faults/error messages.

I do not have the ACOM antenna switch so don't know
if program will function under XP with it.

Yes, program has not quite kept up with what could
be done. Geez, a little faster communication rate on the
serial line for starters. 1200 baud? 9600+ would give
much faster response. And 5 level baudot for
diagnostics? I guess there is/was a reason for these slower
speeds. No real complaints, it works, so maybe that is the answer. :-)

Mel, K0PFX

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Monday, October 10, 2005 1:21 PM
Subject: Re: [acom-list] acomTOOLS question

Bill,
I don't know what the error means, but Acom Tools was written for
Win98. For me, it works fine on an old Win98 computer I have, but
won't work with my XP system.

I know Acom had some "miscommunications" with the guy (in LZ) that
wrote the program. It's a shame Acom has not updated their software
for current operating systems.
Barry, W2UP

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> a new user has a question....
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> Is this an error???
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> EXCEPTION(ERROR)
> ERROR:Source:newObjects.USPCACOMSerislProtocolPacket1,Incorrect
> paremter firld size-this error is expected if you are using
> paramString property,(line 60,chr24,conyext0)
>
>
> Is this tying up bandwidth for no reason ??? pse help me to slightly
> understand this ....
>
> everything seems to work ok....
>
> bill
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Barry Kutner, W2UP Internet: w2up@...
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

1502. ACOM Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-11 12:06:59 UTC
From: Hal Kennedy
Topic: 1502 Message: 1502

Anyone been able to use ACOM tools or any other program to control a pair of 2000As from one computer? Running SO2R here, it would be really nice to have ACOM #1 follow radio 1 and ACOM #2 follow radio 2. Two instances of ACOM tools don't seem to co-exist well when running at the same time under one O/S.

Hal
N4GG

1503. Excel Spreadsheet

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-11 19:34:07 UTC
From: ian_1975
Topic: 1503 Message: 1503

Hello,

Can anyone send me the excel spreadsheet to decode the error codes on my ACOM 1000?

Thanks
Ian

1504. Re: [acom-list] Excel Spreadsheet

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-11 22:20:36 UTC
From: DJ3IW Goetz
Topic: 1503 Message: 1504

Here it comes Ian.

73 de Goetz, DJ3IW
----- Original Message -----
From: "ian_1975" <ian_1975@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, October 11, 2005 7:34 PM
Subject: [acom-list] Excel Spreadsheet

> Hello,
>
> Can anyone send me the excel spreadsheet to decode the error codes
> on
> my ACOM 1000?
>
> Thanks
> Ian

[Non-text portions of this message have been removed]

1505. Re: [acom-list] Excel Spreadsheet

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-11 22:30:53 UTC
From: Jim Cox
Topic: 1503 Message: 1505

I would like to have a copy of the spreadsheet also if possible. k4jaf@... Thanks Jim
----- Original Message -----
From: DJ3IW Goetz
To: acom-list@yahoogroups.com
Sent: Tuesday, October 11, 2005 5:20 PM
Subject: Re: [acom-list] Excel Spreadsheet

Here it comes Ian.

73 de Goetz, DJ3IW
----- Original Message -----
From: "ian_1975" <ian_1975@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, October 11, 2005 7:34 PM
Subject: [acom-list] Excel Spreadsheet

> Hello,
>
> Can anyone send me the excel spreadsheet to decode the error codes
> on
> my ACOM 1000?
>
> Thanks
> Ian

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1506. Re: [acom-list] ACOM Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-12 04:30:44 UTC
From: Hans Remeeus
Topic: 1502 Message: 1506

Hello Hal,

I have two Acom 2000A's too and connected them to a laptop. I tried what you want, but I did'nt succeed.

With a normal computer A/B Dataswitch I can readout the two linears with one AcomTools on one laptop, without the need of restarting the AcomTools.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Hal Kennedy
To: acom-list@yahoogroups.com
Sent: Tuesday, October 11, 2005 2:06 PM
Subject: [acom-list] ACOM Tools

> Anyone been able to use ACOM tools or any other program to control a
> pair of 2000As from one computer? Running SO2R here, it would be
> really nice to have ACOM #1 follow radio 1 and ACOM #2 follow radio
> 2. Two instances of ACOM tools don't seem to co-exist well when
> running at the same time under one O/S.
>
> Hal
> N4GG
>

[Non-text portions of this message have been removed]

1507. information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 09:43:11 UTC
From: F0DPT Arnaud
Topic: 1480 Message: 1507

Hello

I am seeing to buy an ACOM 1000 second-hand, I would have wanted an information, the amplifier dates 2003, has you he there had modifications at the level of the amplifier since the year 2003 in our days
Tnx
Arnaud F0DPT

1508. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 14:18:28 UTC
From: Ken Waites
Topic: 1480 Message: 1508

How does the indicated power output of the Acom 2000 square with other external measurements of its output?

----- Original Message -----
From: F0DPT Arnaud
To: acom-list@yahoogroups.com
Sent: Saturday, October 15, 2005 4:43 AM
Subject: [acom-list] information pse

Hello

I am seeing to buy an ACOM 1000 second-hand, I would have wanted an information, the amplifier dates 2003, has you he there had modifications at the level of the amplifier since the year 2003 in our days
Tnx
Arnaud F0DPT

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[Non-text portions of this message have been removed]

1509. RE: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 14:50:26 UTC
From: Bob Naumann - W5OV
Topic: 1480 Message: 1509

It's been a while since I confirmed it, but as I recall, the internal metering tracked pretty well with my Coaxial Dynamics meter.

You may need a higher range slug than with some other amps.

73,
Bob W5OV

-----Original Message-----
From: Ken Waites [mailto:barbiekenw@...]
Sent: Saturday, October 15, 2005 9:18 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] information pse

How does the indicated power output of the Acom 2000 square with other external measurements of its output?
----- Original Message -----
From: F0DPT Arnaud
To: acom-list@yahoogroups.com
Sent: Saturday, October 15, 2005 4:43 AM
Subject: [acom-list] information pse

Hello

I am seeing to buy an ACOM 1000 second-hand, I would have wanted an information, the amplifier dates 2003, has you he there had modifications at
the level of the amplifier since the year 2003 in our days
Tnx
Arnaud F0DPT

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Yahoo! Groups Links

1510. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 15:38:57 UTC
From: Jim Cox
Topic: 1480 Message: 1510

While on the subject of power output readings, my 1000 seems to be quite a bit off on forward power readings. Is there any adjustment internal to the amp to set the forward power, I have seen several pots on the main board but 2 are labled for bias adjustment, one more not labeled as I recall. Any thoughts or suggestions? Jim K4JAF

----- Original Message -----
From: "Ken Waites" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, October 15, 2005 9:18 AM
Subject: Re: [acom-list] information pse

> How does the indicated power output of the Acom 2000 square with other
> external measurements of its output?
> ----- Original Message -----
> From: F0DPT Arnaud
> To: acom-list@yahoogroups.com
> Sent: Saturday, October 15, 2005 4:43 AM
> Subject: [acom-list] information pse
>
>
> Hello
>
> I am seeing to buy an ACOM 1000 second-hand, I would have wanted an
> information, the amplifier dates 2003, has you he there had modifications
> at
> the level of the amplifier since the year 2003 in our days
> Tnx
> Arnaud F0DPT
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> YAHOO! GROUPS LINKS
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1511. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 17:23:26 UTC
From: alsopb
Topic: 1480 Message: 1511

Jim,

I assume you know this. However, the forward power will not read
correctly unless SWR very close to 1:1. Higher SWR's give you higher
forward power.

In any case the power out = foward power - reflected power.

Compare the above power out to your standard and see how they agree.

73 de Brian/K3KO

Jim Cox wrote:
> While on the subject of power output readings, my 1000 seems to be quite a
> bit off on forward power readings. Is there any adjustment internal to the
> amp to set the forward power, I have seen several pots on the main board but
> 2 are labled for bias adjustment, one more not labeled as I recall. Any
> thoughts or suggestions? Jim K4JAF
>
>
> ----- Original Message -----
> From: "Ken Waites" <barbiekenw@...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, October 15, 2005 9:18 AM
> Subject: Re: [acom-list] information pse
>
>
>
>>How does the indicated power output of the Acom 2000 square with other
>>external measurements of its output?
>> ----- Original Message -----
>> From: F0DPT Arnaud
>> To: acom-list@yahoogroups.com
>> Sent: Saturday, October 15, 2005 4:43 AM
>> Subject: [acom-list] information pse
>>
>>
>> Hello
>>
>> I am seeing to buy an ACOM 1000 second-hand, I would have wanted an
>> information, the amplifier dates 2003, has you he there had modifications
>>at
>> the level of the amplifier since the year 2003 in our days
>> Tnx
>> Arnaud F0DPT
>>

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>> YAHOO! GROUPS LINKS
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>> a.. Visit your group "acom-list" on the web.
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>> b.. To unsubscribe from this group, send an email to:
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>> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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1512. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 20:36:09 UTC
From: Jim Cox
Topic: 1480 Message: 1512

No, it is still high. When you take forward power, less reflected, the amount seems very high.

If you take the voltage times current to get the input power the efficency is running about 85 percent when I think is too high. Jim

----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, October 15, 2005 12:23 PMcurre
Subject: Re: [acom-list] information pse

> Jim,
>
> I assume you know this. However, the forward power will not read
> correctly unless SWR very close to 1:1. Higher SWR's give you higher
> forward power.
>
> In any case the power out = foward power - reflected power.
>
> Compare the above power out to your standard and see how they agree.
>
> 73 de Brian/K3KO
>
> Jim Cox wrote:
>> While on the subject of power output readings, my 1000 seems to be quite
>> a
>> bit off on forward power readings. Is there any adjustment internal to
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>> amp to set the forward power, I have seen several pots on the main board
>> but
>> 2 are labled for bias adjustment, one more not labeled as I recall. Any
>> thoughts or suggestions? Jim K4JAF
>>
>>
>> ----- Original Message -----
>> From: "Ken Waites" <barbiekenw@...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Saturday, October 15, 2005 9:18 AM
>> Subject: Re: [acom-list] information pse
>>
>>
>>
>>>How does the indicated power output of the Acom 2000 square with other
>>>external measurements of its output?
>>> ----- Original Message -----

>>> From: F0DPT Arnaud
>>> To: acom-list@yahoogroups.com
>>> Sent: Saturday, October 15, 2005 4:43 AM
>>> Subject: [acom-list] information pse
>>>
>>>
>>> Hello
>>>
>>> I am seeing to buy an ACOM 1000 second-hand, I would have wanted an
>>> information, the amplifier dates 2003, has you he there had
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>>>at
>>> the level of the amplifier since the year 2003 in our days
>>> Tnx
>>> Arnaud F0DPT
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>>>---
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1513. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 23:03:21 UTC
From: alsopb
Topic: 1480 Message: 1513

OK Jim, that is a good check.

On my ACOM2000 after a couple years, the metering resistors for the HV drifted. I was similarly getting an absurdly high efficiency.

Is the HV value within spec?

73 de Brian/K3KO

Jim Cox wrote:
> No, it is still high. When you take forward power, less reflected, the
> amount seems very high.
>
> If you take the voltage times current to get the input power the efficency
> is running about 85 percent when I think is too high. Jim
>
>
> ----- Original Message -----
> From: "alsopb" <alsopb@...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, October 15, 2005 12:23 PMcurre
> Subject: Re: [acom-list] information pse
>
>
>
>>Jim,
>>
>>I assume you know this. However, the forward power will not read
>>correctly unless SWR very close to 1:1. Higher SWR's give you higher
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>>
>>In any case the power out = foward power - reflected power.
>>
>>Compare the above power out to your standard and see how they agree.
>>
>>73 de Brian/K3KO
>>
>>Jim Cox wrote:
>>
>>>While on the subject of power output readings, my 1000 seems to be quite
>>>a
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>>>the
>>>amp to set the forward power, I have seen several pots on the main board
>>>but
>>>2 are labled for bias adjustment, one more not labeled as I recall. Any

>>>thoughts or suggestions? Jim K4JAF
>>>
>>>
>>>----- Original Message -----
>>>From: "Ken Waites" <barbiekenw@...>
>>>To: <acom-list@yahoogroups.com>
>>>Sent: Saturday, October 15, 2005 9:18 AM
>>>Subject: Re: [acom-list] information pse
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>>>>>>How does the indicated power output of the Acom 2000 square with other
>>>>external measurements of its output?
>>>>----- Original Message -----
>>>>From: F0DPT Arnaud
>>>>To: acom-list@yahoogroups.com
>>>>Sent: Saturday, October 15, 2005 4:43 AM
>>>>Subject: [acom-list] information pse
>>>>
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>>>> acom-list-unsubscribe@yahoogroups.com
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>>>> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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1514. Re: [acom-list] information pse

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-15 23:54:27 UTC
From: Jim Cox
Topic: 1480 Message: 1514

Yes, unfortunately Acom doesnt supply much detail in their manual of voltages, etc.
I assume from the simplified (and I mean simplified) schematic it looks like 2800 out of the HV power supply, this is right on the money, I think I show about 2825 VDC. Under full load I show about 2550 volts and with 55 watts drive about 530 ma of plate current which yields about 1350 watts input. I show a power output (FORWARD LESS REF) of about 1125 watts or an efficency of 83 percent which seems too high to me. Wonder what values others are showing on their Acom 1000s? Jim K4JAF

----- Original Message -----
From: "alsopb" <alsopb@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, October 15, 2005 6:03 PM
Subject: Re: [acom-list] information pse

> OK Jim, that is a good check.
>
> On my ACOM2000 after a couple years, the metering resistors for the HV
> drifted. I was similarly getting an absurdly high efficiency.
>
> Is the HV value within spec?
>
> 73 de Brian/K3KO
>
> Jim Cox wrote:
>> No, it is still high. When you take forward power, less reflected, the
>> amount seems very high.
>>
>> If you take the voltage times current to get the input power the
>> efficency
>> is running about 85 percent when I think is too high. Jim
>>
>>
>> ----- Original Message -----
>> From: "alsopb" <alsopb@...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Saturday, October 15, 2005 12:23 PMcurre
>> Subject: Re: [acom-list] information pse
>>
>>
>>
>>>Jim,
>>>
>>>I assume you know this. However, the forward power will not read

>>>correctly unless SWR very close to 1:1. Higher SWR's give you higher
>>>forward power.
>>>
>>>In any case the power out = foward power - reflected power.
>>>
>>>Compare the above power out to your standard and see how they agree.
>>>
>>>73 de Brian/K3KO
>>>
>>>Jim Cox wrote:
>>>
>>>>While on the subject of power output readings, my 1000 seems to be quite
>>>>a
>>>>bit off on forward power readings. Is there any adjustment internal to
>>>>the
>>>>amp to set the forward power, I have seen several pots on the main board
>>>>but
>>>>2 are labled for bias adjustment, one more not labeled as I recall. Any
>>>>thoughts or suggestions? Jim K4JAF
>>>>
>>>>
>>>>----- Original Message -----
>>>>From: "Ken Waites" <barbiekenw@...>
>>>>To: <acom-list@yahoogroups.com>
>>>>Sent: Saturday, October 15, 2005 9:18 AM
>>>>Subject: Re: [acom-list] information pse
>>>>
>>>>
>>>>
>>>>
>>>>>How does the indicated power output of the Acom 2000 square with other
>>>>>external measurements of its output?
>>>>>----- Original Message -----
>>>>>From: F0DPT Arnaud
>>>>>To: acom-list@yahoogroups.com
>>>>>Sent: Saturday, October 15, 2005 4:43 AM
>>>>>Subject: [acom-list] information pse
>>>>>
>>>>>
>>>>>Hello
>>>>>
>>>>>I am seeing to buy an ACOM 1000 second-hand, I would have wanted an
>>>>>information, the amplifier dates 2003, has you he there had
>>>>>modifications
>>>>>at
>>>>>the level of the amplifier since the year 2003 in our days
>>>>>Tnx
>>>>>Arnaud F0DPT
>>>>>
>>>>>

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>>>>>---
>>>>>YAHOO! GROUPS LINKS
>>>>>
>>>>> a.. Visit your group "acom-list" on the web.
>>>>>
>>>>> b.. To unsubscribe from this group, send an email to:
>>>>> acom-list-unsubscribe@yahoogroups.com
>>>>>
>>>>> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>>>>>Service.
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1515. Re: information pse - ACOM1000 output power reading

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-20 08:50:29 UTC
From: Uffe Lindhardt
Topic: 1480 Message: 1515

I can remember that this has been discussed before, but I cannot find the thread. The answer from ACOM was that the power reading was accurate, which it is definitely not, since it is too high, escpecially on 6mtrs.

One point made by ACOM though is that adjusting the power reading, will also affect the workings of the tuning aid, such that you will not be able to load the amplifier properly anymore. Maybe it is better to live with this minor crank.....

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
>
> While on the subject of power output readings, my 1000 seems to be quite a
> bit off on forward power readings. Is there any adjustment internal to the
> amp to set the forward power, I have seen several pots on the main board but
> 2 are labled for bias adjustment, one more not labeled as I recall. Any
> thoughts or suggestions? Jim K4JAF
>
>
> ----- Original Message -----
> From: "Ken Waites" <barbiekenw@p...>
> To: <acom-list@yahoogroups.com>
> Sent: Saturday, October 15, 2005 9:18 AM
> Subject: Re: [acom-list] information pse
>
>
> > How does the indicated power output of the Acom 2000 square with other
> > external measurements of its output?
> > ----- Original Message -----
> > From: F0DPT Arnaud
> > To: acom-list@yahoogroups.com
> > Sent: Saturday, October 15, 2005 4:43 AM
> > Subject: [acom-list] information pse
> >
> >
> > Hello
> >
> > I am seeing to buy an ACOM 1000 second-hand, I would have wanted an

> > information, the amplifier dates 2003, has you he there had
modifications
> > at
> > the level of the amplifier since the year 2003 in our days
> > Tnx
> > Arnaud F0DPT
> >
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> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "acom-list" on the web.
> >
> > b.. To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
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> > Service.
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1516. unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 14:15:16 UTC
From: pawnpushing
Topic: 1516 Message: 1516

The ACOM 2000a sure sounds like a great amplifier with a great warranty. But ...

So far I am not impressed by ACOM America. It seems to consist of a phone line, a part time telephone answering lady, and two people who do not return phone calls, and may not even be in the country.

The email stopped working some time ago. Now the lady who answers the phone isn't sure when anyone will be in.

I ordered the ACOM 2000a a month ago. I was told they would fill my order "next week", week two. When I called late in that week to get a tracking number, I was told that a new batch of amps was comming in the next week, week 3, about Wednesday, and they would be shipping our amps on Friday of that week --DEFINATELY in time for the contest. That Friday was last Friday. I would receive a tracking number by phone call.

Now its Tuesday of week 4. a few days before contest weekend. No phone call. I called twice yesterday to get my tracking number -- had a nice talk with the lady who answers the phone. Still no one has given me a return phone call to discuss the matter. I do not know the status. I am embarrased to call again. I would say the contest is out.

Maybe everyone is in Bulgaria?

1517. Re: [acom-list] unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 14:39:11 UTC
From: Ken Waites
Topic: 1516 Message: 1517

I think Will saw my note, and called me. He said the amps just have not come in -- and he is sorry about that but can do nothing without amplifiers.
I feel better - just knowing not to make plans for the contest.

----- Original Message -----
From: pawnpushing
To: acom-list@yahoogroups.com
Sent: Tuesday, October 25, 2005 9:15 AM
Subject: [acom-list] unimpressed

The ACOM 2000a sure sounds like a great amplifier with a great warranty. But ...

So far I am not impressed by ACOM America. It seems to consist of a phone line, a part time telephone answering lady, and two people who do not return phone calls, and may not even be in the country.

The email stopped working some time ago. Now the lady who answers the phone isn't sure when anyone will be in.

I ordered the ACOM 2000a a month ago. I was told they would fill my order "next week", week two. When I called late in that week to get a tracking number, I was told that a new batch of amps was comming in the next week, week 3, about Wednesday, and they would be shipping our amps on Friday of that week --DEFINATELY in time for the contest. That Friday was last Friday. I would receive a tracking number by phone call.

Now its Tuesday of week 4. a few days before contest weekend. No phone call. I called twice yesterday to get my tracking number -- had a nice talk with the lady who answers the phone. Still no one has given me a return phone call to discuss the matter. I do not know the status. I am embarrased to call again. I would say the contest is out.

Maybe everyone is in Bulgaria?

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[Non-text portions of this message have been removed]

1518. re[2]: [acom-list] unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 15:29:31 UTC
From: Jim Idelson
Topic: 1516 Message: 1518

> I feel better - just knowing not to make plans for the contest. <

You will feel even better if you choose an amp-less category in the contest and have maximum fun with minimum power!

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1519. Re: [acom-list] unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 15:38:22 UTC
From: Bob Naumann - W5OV
Topic: 1516 Message: 1519

Ken,

Did you get rid of the 1000? The 2000 is more powerful for sure, but the 1000 does a great job too.

73,

Bob W5OV

> I think Will saw my note, and called me. He said the amps just have not come in -- and he is sorry about that but can do nothing without amplifiers.
> I feel better - just knowing not to make plans for the contest.
>
>
> ----- Original Message -----
> From: pawnpushing
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 25, 2005 9:15 AM
> Subject: [acom-list] unimpressed
>
>
> The ACOM 2000a sure sounds like a great amplifier with a great
> warranty. But ...
>
> So far I am not impressed by ACOM America. It seems to consist of a
> phone line, a part time telephone answering lady, and two people who
> do not return phone calls, and may not even be in the country.
>
> The email stopped working some time ago. Now the lady who answers the
> phone isn't sure when anyone will be in.
>
> I ordered the ACOM 2000a a month ago. I was told they would fill my
> order "next week", week two. When I called late in that week to get a
> tracking number, I was told that a new batch of amps was comming in
> the next week, week 3, about Wednesday, and they would be shipping our
> amps on Friday of that week --DEFINATELY in time for the contest.
> That Friday was last Friday. I would receive a tracking number by
> phone call.
>

> Now its Tuesday of week 4. a few days before contest weekend. No
> phone call. I called twice yesterday to get my tracking number --
had
> a nice talk with the lady who answers the phone. Still no one has
> given me a return phone call to discuss the matter. I do not know
the
> status. I am embarrased to call again. I would say the contest is
out.
>
> Maybe everyone is in Bulgaria?
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> [Non-text portions of this message have been removed]
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Bob Naumann - W5OV

1520. Re: [acom-list] unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 15:56:55 UTC
From: Ken Waites
Topic: 1516 Message: 1520

Yes, the Acom 1000 is sold.
----- Original Message -----
From: Bob Naumann - W5OV
To: acom-list@yahoogroups.com
Sent: Tuesday, October 25, 2005 10:38 AM
Subject: Re: [acom-list] unimpressed

Ken,

Did you get rid of the 1000? The 2000 is more powerful for sure, but
the 1000 does a great job too.

73,

Bob W5OV

> I think Will saw my note, and called me. He said the amps just have
not come in -- and he is sorry about that but can do nothing without
amplifiers.
> I feel better - just knowing not to make plans for the contest.
>
>
> ----- Original Message -----
> From: pawnpushing
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 25, 2005 9:15 AM
> Subject: [acom-list] unimpressed
>
>
> The ACOM 2000a sure sounds like a great amplifier with a great
> warranty. But ...
>
> So far I am not impressed by ACOM America. It seems to consist of
a
> phone line, a part time telephone answering lady, and two people
who
> do not return phone calls, and may not even be in the country.
>
> The email stopped working some time ago. Now the lady who answers
the
> phone isn't sure when anyone will be in.
>
> I ordered the ACOM 2000a a month ago. I was told they would fill
my
> order "next week", week two. When I called late in that week to
get a

> tracking number, I was told that a new batch of amps was comming in
> the next week, week 3, about Wednesday, and they would be shipping
our
> amps on Friday of that week --DEFINATELY in time for the contest.
> That Friday was last Friday. I would receive a tracking number by
> phone call.
>
> Now its Tuesday of week 4. a few days before contest weekend. No
> phone call. I called twice yesterday to get my tracking number --
had
> a nice talk with the lady who answers the phone. Still no one has
> given me a return phone call to discuss the matter. I do not know
the
> status. I am embarrased to call again. I would say the contest is
out.
>
> Maybe everyone is in Bulgaria?
>
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> YAHOO! GROUPS LINKS
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> [Non-text portions of this message have been removed]
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Bob Naumann - W5OV

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Ham radio

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b.. To unsubscribe from this group, send an email to:
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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1521. Re: unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 16:40:40 UTC
From: lewischeek
Topic: 1516 Message: 1521

Same issues with purchase of 2000A, however I was informed last
Thur. (20 Oct.) that ACOM was waiting on customs clearance. If I had
not sold and shipped my prior amp (QRO 2500DX) it would not be a big
deal. However, with all the BIG GUNS in Northern Virginia area, I'll
never be able to compete this weekend.

Guess there is life other than ham radio.

Lew

--- In acom-list@yahoogroups.com, "Ken Waites" <barbiekenw@p...>
wrote:
>
> Yes, the Acom 1000 is sold.
> ----- Original Message -----
> From: Bob Naumann - W5OV
> To: acom-list@yahoogroups.com
> Sent: Tuesday, October 25, 2005 10:38 AM
> Subject: Re: [acom-list] unimpressed
>
>
> Ken,
>
> Did you get rid of the 1000? The 2000 is more powerful for
sure, but
> the 1000 does a great job too.
>
> 73,
>
> Bob W5OV
>
> > I think Will saw my note, and called me. He said the amps
just have
> not come in -- and he is sorry about that but can do nothing
without
> amplifiers.
> > I feel better - just knowing not to make plans for the contest.
> >
> >
> > ----- Original Message -----
> > From: pawnpushing
> > To: acom-list@yahoogroups.com
> > Sent: Tuesday, October 25, 2005 9:15 AM
> > Subject: [acom-list] unimpressed
> >
> >

> > The ACOM 2000a sure sounds like a great amplifier with a
great
> > warranty. But ...
> >
> > So far I am not impressed by ACOM America. It seems to
consist of
> a
> > phone line, a part time telephone answering lady, and two
people
> who
> > do not return phone calls, and may not even be in the
country.
> >
> > The email stopped working some time ago. Now the lady who
answers
> the
> > phone isn't sure when anyone will be in.
> >
> > I ordered the ACOM 2000a a month ago. I was told they
would fill
> my
> > order "next week", week two. When I called late in that
week to
> get a
> > tracking number, I was told that a new batch of amps was
comming in
> > the next week, week 3, about Wednesday, and they would be
shipping
> our
> > amps on Friday of that week --DEFINATELY in time for the
contest.
> > That Friday was last Friday. I would receive a tracking
number by
> > phone call.
> >
> > Now its Tuesday of week 4. a few days before contest
weekend. No
> > phone call. I called twice yesterday to get my tracking
number --
> had
> > a nice talk with the lady who answers the phone. Still no
one has
> > given me a return phone call to discuss the matter. I do not
know
> the
> > status. I am embarrased to call again. I would say the
contest is
> out.
> >
> > Maybe everyone is in Bulgaria?

> >
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> >
> > SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies
and
> crafts
> > Ham radio
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> --------
> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "acom-list" on the web.
> >
> > b.. To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo!
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> Service.
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> > [Non-text portions of this message have been removed]
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> > ------------------------ Yahoo! Groups Sponsor ----------------
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> Bob Naumann - W5OV
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> YAHOO! GROUPS LINKS
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> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
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>
> [Non-text portions of this message have been removed]
>

1522. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 21:19:19 UTC
From: Bill NY9H
Topic: 1516 Message: 1522

Last year I almost got the 2000a,,,
I had much better luck this year when I called a few weeks ago,,,,,

even the emails, got answered,,,,,,,,,

Received the 2000a three days after ordering it....
several calls to Will were helpful..... some dumb stuff on my part,
but Will was available....

emails are NOT the best way , telephone worked out ok,.,,,,

just starting to set:autotune for each antenna...
QUITE THE FINE BOX....

bill

1523. Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 22:44:34 UTC
From: lewischeek
Topic: 1516 Message: 1523

Bill,

Guess I had a chance to get that amp as they had ONE in stock, but by time xyl and I got together on spending all most $ 7000 on ham radio it was gone! Enjoy the amp., I'm sure mine will arrive one day, however I sure would like to be kept informed as to status. As I said they were expecting customs clearance last Friday, so may be it will be a short additional wait.

73's
Lew
K4HR

-- In acom-list@yahoogroups.com, Bill NY9H <ny9h@a...> wrote:
>
> Last year I almost got the 2000a,,,
> I had much better luck this year when I called a few weeks ago,,,,,
>
> even the emails, got answered,,,,,,,,,
>
> Received the 2000a three days after ordering it....
> several calls to Will were helpful..... some dumb stuff on my part,
> but Will was available....
>
> emails are NOT the best way , telephone worked out ok,.,,,,
>
> just starting to set:autotune for each antenna...
> QUITE THE FINE BOX....
>
> bill
>

1524. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 23:06:45 UTC
From: Kenneth Waites
Topic: 1516 Message: 1524

For some reason it seems my order was put on the back burner, and whoever made noise on the phone last got the amp. I must have called on the wrong day or at the wrong time and left messages rather than talking to decision makers. These conversations trumped my older order. One month is sure longer than three days.

I am not sweating it anymore. The time that I was aiming for has come and gone. I am looking around ...

[Non-text portions of this message have been removed]

1525. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 23:06:45 UTC
From: Kenneth Waites
Topic: 1516 Message: 1525

For some reason it seems my order was put on the back burner, and whoever made noise on the phone last got the amp. I must have called on the wrong day or at the wrong time and left messages rather than talking to decision makers. These conversations trumped my older order. One month is sure longer than three days.

I am not sweating it anymore. The time that I was aiming for has come and gone. I am looking around ...

[Non-text portions of this message have been removed]

1526. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 23:06:45 UTC
From: Kenneth Waites
Topic: 1516 Message: 1526

For some reason it seems my order was put on the back burner, and whoever made noise on the phone last got the amp. I must have called on the wrong day or at the wrong time and left messages rather than talking to decision makers. These conversations trumped my older order. One month is sure longer than three days.

I am not sweating it anymore. The time that I was aiming for has come and gone. I am looking around ...

[Non-text portions of this message have been removed]

1527. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 00:05:30 UTC
From: Pat Twentythree
Topic: 1516 Message: 1527

I called ACOM on a Tuesday and spoke to Will. He told me that they had the 2000A in stock and the next day, I had the amplifier at my house. This happened about two months ago. No money up front, basically a verbal hand shake with a letter and after I had the amplifier, I sent ACOM a check. I have found the amplifier to work great and I am very happy with the service and the amplifier. Ken, you can look around and buy something else but you will still want a 2000A. I would just wait and get what you truly want.

73,
Pat W1KA

Kenneth Waites <barbiekenw@...> wrote:
For some reason it seems my order was put on the back burner, and whoever made noise on the phone last got the amp. I must have called on the wrong day or at the wrong time and left messages rather than talking to decision makers. These conversations trumped my older order. One month is sure longer than three days.

I am not sweating it anymore. The time that I was aiming for has come and gone. I am looking around ...

[Non-text portions of this message have been removed]

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---
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Yahoo! FareChase - Search multiple travel sites in one click.

[Non-text portions of this message have been removed]

1528. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-25 23:45:03 UTC
From: Paul Christensen
Topic: 1516 Message: 1528

While I am not making any implications of any kind toward ACOM, before making a high dollar purchase from any relatively low-volume vendor, condition the sale and terms of acceptance on immediate shipment at the time payment is rendered to the seller. Get it in writing and change their "boiler-plate" terms and conditions, if necessary.

If payment and a charge is required to place and hold an order, and you cannot cancel the order at any time prior to the shipment date without penalty -- turn around and run. Finally, if the reputation of the vendor is in question or you have reason to suspect they may file for creditor protection under what remains of the federal bankruptcy laws, place the payment in escrow with an escrow agent or attorney as trustee.

Paul, W9AC

----- Original Message -----
From: "Kenneth Waites" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, October 25, 2005 7:06 PM
Subject: Re: [acom-list] Re: unimpressed...

> For some reason it seems my order was put on the back burner, and whoever
> made noise on the phone last got the amp. I must have called on the wrong
> day or at the wrong time and left messages rather than talking to decision
> makers. These conversations trumped my older order. One month is sure
> longer than three days.
>
> I am not sweating it anymore. The time that I was aiming for has come and
> gone. I am looking around ...
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1529. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 01:14:30 UTC
From: Kenneth Waites
Topic: 1516 Message: 1529

No up front charges were required or made.

Even the folks at Alfa want $3500 up front for their Alpha 9500 amp. Fifty of that is not refundable. ACOM is a lot easier to business with from that point of view.

[Non-text portions of this message have been removed]

1530. RE: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 14:01:07 UTC
From: bmarton
Topic: 1516 Message: 1530

I have had my 2000A for the better part of 2 to 3 years now. It has served me well, very well in fact even though I have very low hours on it. I picked mine up at Acom on a Saturday morning one day with Krassy waiting with coffee for my arrival. He gave me a full demonstration of the amp and instructed me on setting it up for full coverage transmit which it now does (FEMA/CAP frequencies required). After the deal he gave me a full tour of their operations here in the US which involved some rather interesting manufacturing contracts. We spent the entire Saturday hanging out and chatting.

Last year my amp failed. I was very concerned and called Krassy. I have to say it took me several days to reach someone at the shop, but it was due to the fact that they were so busy with other contracts which were non-ham related. I did get Krassy on the phone and he told me to run the amp down to them, which I did. Krassy and Will looked it over, and performed several diagnostic tests only to determine that the most likely culprit was a tube. He replaced the tube, realigned the amp and I was off and running. During the entire process the boys sent out for lunch and we had a grand old time.

Upon return to my QTH, I installed the amp and put it back into service only to notice that the temperature differential between the tubes was running 20 degrees. I called Krassy and he said the tubes are not well matched which we didn't look for while at his shop. Unfortunately we couldn't, the area was hit with a lightning strike right after we replaced the tube and the power went out for the balance of the day. Krassy said he'd come up to my QTH in Maine over the following weekend with a box of tubes and find a nice matching set. He brought in a half dozen tubes and we exchanged tubes until the parameters in amp matched perfectly. Again he realigned the voltages and the tubes run dead nuts in temperature now.

I know they seem to be difficult to get a hold of from time to time, but the service is super when you do connect. Krassy is behind the amp 100 percent in my opinion and I find them super easy to deal with. In fact Krassy told me when I bought the amp that if I didn't like it after taking it home, I could return if for a full refund. He said use it for a month, if you don't think it's the best amp you have ever used, bring it back. Well it's still here!

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kenneth Waites
Sent: Tuesday, October 25, 2005 9:15 PM
To: acom-list@yahoogroups.com

Subject: Re: [acom-list] Re: unimpressed...

No up front charges were required or made.

Even the folks at Alfa want $3500 up front for their Alpha 9500 amp. Fifty of that is not refundable. ACOM is a lot easier to business with from that point of view.

[Non-text portions of this message have been removed]

YAHOO! GROUPS LINKS

* Visit your group "acom-list <http://groups.yahoo.com/group/acom-list> " on the web.

* To unsubscribe from this group, send an email to: acom-list-unsubscribe@yahoogroups.com <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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__________ NOD32 1.1265 (20051025) Information __________

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1531. Re: [acom-list] Re: unimpressed

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 14:26:18 UTC
From: k2qmf@juno.com
Topic: 1516 Message: 1531

Guys,

It's Worth Waiting For !!!!!!!!!!

73, Ted K2QMF

On Tue, 25 Oct 2005 16:40:40 -0000 "lewischeek" <lewk4hr@...>
writes:
> Same issues with purchase of 2000A, however I was informed last
> Thur. (20 Oct.) that ACOM was waiting on customs clearance. If I had
>
> not sold and shipped my prior amp (QRO 2500DX) it would not be a big
>
> deal. However, with all the BIG GUNS in Northern Virginia area, I'll
>
> never be able to compete this weekend.
>
> Guess there is life other than ham radio.
>
> Lew
>
>
>
> --- In acom-list@yahoogroups.com, "Ken Waites" <barbiekenw@p...>
> wrote:
> >
> > Yes, the Acom 1000 is sold.
> > ----- Original Message -----
> > From: Bob Naumann - W5OV
> > To: acom-list@yahoogroups.com
> > Sent: Tuesday, October 25, 2005 10:38 AM
> > Subject: Re: [acom-list] unimpressed
> >
> >
> > Ken,
> >
> > Did you get rid of the 1000? The 2000 is more powerful for
> sure, but
> > the 1000 does a great job too.
> >
> > 73,
> >
> > Bob W5OV
> >
> > > I think Will saw my note, and called me. He said the amps
> just have

> > not come in -- and he is sorry about that but can do nothing
> without
> > amplifiers.
> > > I feel better - just knowing not to make plans for the
> contest.
> > >
> > >
> > > ----- Original Message -----
> > > From: pawnpushing
> > > To: acom-list@yahoogroups.com
> > > Sent: Tuesday, October 25, 2005 9:15 AM
> > > Subject: [acom-list] unimpressed
> > >
> > >
> > > The ACOM 2000a sure sounds like a great amplifier with a
> great
> > > warranty. But ...
> > >
> > > So far I am not impressed by ACOM America. It seems to
> consist of
> > a
> > > phone line, a part time telephone answering lady, and two
> people
> > who
> > > do not return phone calls, and may not even be in the
> country.
> > >
> > > The email stopped working some time ago. Now the lady who
> answers
> > the
> > > phone isn't sure when anyone will be in.
> > >
> > > I ordered the ACOM 2000a a month ago. I was told they
> would fill
> > my
> > > order "next week", week two. When I called late in that
> week to
> > get a
> > > tracking number, I was told that a new batch of amps was
> comming in
> > > the next week, week 3, about Wednesday, and they would be
> shipping
> > our
> > > amps on Friday of that week --DEFINATELY in time for the
> contest.
> > > That Friday was last Friday. I would receive a tracking
> number by
> > > phone call.
> > >
> > > Now its Tuesday of week 4. a few days before contest

> weekend. No
> > > phone call. I called twice yesterday to get my tracking
> number --
> > had
> > > a nice talk with the lady who answers the phone. Still no
> one has
> > > given me a return phone call to discuss the matter. I do not
>
> know
> > the
> > > status. I am embarrased to call again. I would say the
> contest is
> > out.
> > >
> > > Maybe everyone is in Bulgaria?
> > >
> > >
> > >
> > >
> > >
> > > SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies
>
> and
> > crafts
> > > Ham radio
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> > --------
> > > YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "acom-list" on the web.
> > >
> > > b.. To unsubscribe from this group, send an email to:
> > > acom-list-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to the Yahoo!
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> > Service.
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> > > [Non-text portions of this message have been removed]
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> > > ------------------------ Yahoo! Groups Sponsor
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> > > http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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> > Bob Naumann - W5OV
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> >
> > SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and
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> crafts
> > Ham radio
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> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "acom-list" on the web.
> >
> > b.. To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
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> of Service.
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> > [Non-text portions of this message have been removed]
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> ------------------------ Yahoo! Groups Sponsor
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[Non-text portions of this message have been removed]

1532. RE: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 14:36:52 UTC
From: bmarton
Topic: 1516 Message: 1532

One other note of interest.a buddy of mine has an Alpha, I forget the model, but it's the monster one that runs three holes. He was in need of repair and Alpha was not easy to work with at all. He had terrible issues in terms of making contact with them and they kept the amp for a very long time to make the needed repairs.

Bruce K1XR

[Non-text portions of this message have been removed]

1533. RE: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 14:46:29 UTC
From: Bob Naumann - W5OV
Topic: 1516 Message: 1533

Bruce,

Although you have the advantage of being within driving distance that many do not, I think that understanding the type of business that Acom is may help somewhat in diffusing the expectations that they should be otherwise.

Thanks & 73!

Bob Naumann - W5OV

> I have had my 2000A for the better part of 2 to 3 years now. It has served
> me well, very well in fact even though I have very low hours on it. I
> picked mine up at Acom on a Saturday morning one day with Krassy waiting
> with coffee for my arrival. He gave me a full demonstration of the amp and
> instructed me on setting it up for full coverage transmit which it now does
> (FEMA/CAP frequencies required). After the deal he gave me a full tour of
> their operations here in the US which involved some rather interesting
> manufacturing contracts. We spent the entire Saturday hanging out and
> chatting.
>
>
>
> Last year my amp failed. I was very concerned and called Krassy. I have to
> say it took me several days to reach someone at the shop, but it was due to
> the fact that they were so busy with other contracts which were non-ham
> related. I did get Krassy on the phone and he told me to run the amp down
> to them, which I did. Krassy and Will looked it over, and performed several
> diagnostic tests only to determine that the most likely culprit was a tube.
> He replaced the tube, realigned the amp and I was off and running. During
> the entire process the boys sent out for lunch and we had a grand old time.
>
>

>
> Upon return to my QTH, I installed the amp and put it back into
service only
> to notice that the temperature differential between the tubes was
running 20
> degrees. I called Krassy and he said the tubes are not well matched
which
> we didn't look for while at his shop. Unfortunately we couldn't, the
area
> was hit with a lightning strike right after we replaced the tube and
the
> power went out for the balance of the day. Krassy said he'd come up
to my
> QTH in Maine over the following weekend with a box of tubes and find
a nice
> matching set. He brought in a half dozen tubes and we exchanged
tubes until
> the parameters in amp matched perfectly. Again he realigned the
voltages
> and the tubes run dead nuts in temperature now.
>
>
>
> I know they seem to be difficult to get a hold of from time to time,
but the
> service is super when you do connect. Krassy is behind the amp 100
percent
> in my opinion and I find them super easy to deal with. In fact
Krassy told
> me when I bought the amp that if I didn't like it after taking it
home, I
> could return if for a full refund. He said use it for a month, if
you don't
> think it's the best amp you have ever used, bring it back. Well it's
still
> here!
>
>
>
> Bruce K1XR
>
>
>
>
>
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf
> Of Kenneth Waites

> Sent: Tuesday, October 25, 2005 9:15 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Re: unimpressed...
>
>
>
> No up front charges were required or made.
>
> Even the folks at Alfa want $3500 up front for their Alpha 9500 amp.
Fifty
> of that is not refundable. ACOM is a lot easier to business with
from that
> point of view.
>

1534. alpha - downside.

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 15:09:25 UTC
From: Ken Waites
Topic: 1534 Message: 1534

I also had a repair done on an Alpha 87a. I switched from 30 meters to 20 meters and suddenly hit it with 200 watts of drive -- the one way to damage the 87a. I paid a total of around $1600 for that repair! There was no tube replacement, just other parts and LABOR. Included in the cost was the upgrade to alphamax -- but still it is hard for me to get the bad taste out of my mouth. That is my hesitation for not being interested in their new amplifier.
----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Wednesday, October 26, 2005 9:36 AM
Subject: RE: [acom-list] Re: unimpressed...

One other note of interest.a buddy of mine has an Alpha, I forget the model, but it's the monster one that runs three holes. He was in need of repair and Alpha was not easy to work with at all. He had terrible issues in terms of making contact with them and they kept the amp for a very long time to make the needed repairs.

Bruce K1XR

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1535. Re: [acom-list] alpha - downside.

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 20:06:59 UTC
From: Hans Remeeus
Topic: 1534 Message: 1535

Hello Ken,

I used the Alpha 87A for a couple of months and got a problem on 40 meters; no more power output. Something seemed to be wrong with the bandswitch.

I send a couple of e-mails to Alpha Power but hardly got a reply, just a few questions. The 87A was still under warranty. The only person who gave me a good service was Glenn.

After a while I swapped the 87A with an Acom 2000A. I did'nt regret this for a second. The Acom 2000A is ROCK SOLID! And the service from Acom Bulgaria is FANTASTIC!

Alpha perhaps has the name, but Acom by all means has the quality...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Ken Waites
To: acom-list@yahoogroups.com
Sent: Wednesday, October 26, 2005 5:09 PM
Subject: [acom-list] alpha - downside.

> I also had a repair done on an Alpha 87a. I switched from 30 meters
> to 20 meters and suddenly hit it with 200 watts of drive -- the one
> way to damage the 87a. I paid a total of around $1600 for that
> repair! There was no tube replacement, just other parts and LABOR.
> Included in the cost was the upgrade to alphamax -- but still it is
> hard for me to get the bad taste out of my mouth. That is my
> hesitation for not being interested in their new amplifier.

[Non-text portions of this message have been removed]

1536. ACOM 2000A 10/12 meter operation

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-26 22:24:58 UTC
From: lewischeek
Topic: 1536 Message: 1536

Will this operate 10/12 meters without a mod? If not does the mod require a hardware change or is it software?

73's
Lew
K4HR

1537. Re: [acom-list] Re: unimpressed...

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-27 03:00:17 UTC
From: VA3MW - Port Credit
Topic: 1516 Message: 1537

I have the same story. I stopped by their QTH.. Loved the Amp.

Asked Will if he would take Visa, he said no. I said I would be back in about 3 weeks with a check. He says, here, take this one and send me a bank draft when you get home.

Off in the rental car I go to Logan. Checked my carry on luggage and the Amp onto Air Canada back to Toronto. Paid the duty and had it on the air with a 6M opening within an hour of being home.

I'll keep my A1000.

Mike VA3MW

----- Original Message -----
From: "Pat Twentythree" <w1ka8877@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, October 25, 2005 8:05 PM
Subject: Re: [acom-list] Re: unimpressed...

>I called ACOM on a Tuesday and spoke to Will. He told me that they had the
>2000A in stock and the next day, I had the amplifier at my house. This
>happened about two months ago. No money up front, basically a verbal hand
>shake with a letter and after I had the amplifier, I sent ACOM a check. I
>have found the amplifier to work great and I am very happy with the service
>and the amplifier. Ken, you can look around and buy something else but you
>will still want a 2000A. I would just wait and get what you truly want.
>
> 73,
> Pat W1KA
>
> Kenneth Waites <barbiekenw@...> wrote:
> For some reason it seems my order was put on the back burner, and whoever
> made noise on the phone last got the amp. I must have called on the wrong
> day or at the wrong time and left messages rather than talking to decision
> makers. These conversations trumped my older order. One month is sure
> longer than three days.
>
> I am not sweating it anymore. The time that I was aiming for has come and
> gone. I am looking around ...
>
> [Non-text portions of this message have been removed]
>
>
>
> SPONSORED LINKS

> Hobby and craft supply Craft hobby Hobbies and crafts Ham radio
>
> ---
> YAHOO! GROUPS LINKS
>
>
> Visit your group "acom-list" on the web.
>
> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> Yahoo! FareChase - Search multiple travel sites in one click.
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> [Non-text portions of this message have been removed]
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1538. ACOM 2000A Purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-27 16:28:54 UTC
From: lewischeek
Topic: 1538 Message: 1538

After having placed my order weeks ago, I find the best way to close the purchase is to place a phone call and ask to speak with Will or Krassy rather than sending email or leaving messages. I think with a two to three person operation it's easy to overlook responding to email and returning phone calls. If the product is not in stock, make it a point to call often checking status.

I found this out the hard way, if I had stayed on top of my order, I would be up and running and not doing a 11th hour rush late tomorrow afternoon.

73's

Lew
K4HR

1539. Re: [acom-list] ACOM 2000A Purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-27 17:33:09 UTC
From: Ken Waites
Topic: 1538 Message: 1539

Thanks Lew. I am going to call every two days to "check status". I was told he has three orders unfilled at the moment. I am sure which of the three he ships to first is his choice since orders were taken over the phone and probably not "time stamped".

Enjoy the contest.

Ken K5WK
----- Original Message -----
From: lewischeek
To: acom-list@yahoogroups.com
Sent: Thursday, October 27, 2005 11:28 AM
Subject: [acom-list] ACOM 2000A Purchase

After having placed my order weeks ago, I find the best way to close the purchase is to place a phone call and ask to speak with Will or Krassy rather than sending email or leaving messages. I think with a two to three person operation it's easy to overlook responding to email and returning phone calls. If the product is not in stock, make it a point to call often checking status.

I found this out the hard way, if I had stayed on top of my order, I would be up and running and not doing a 11th hour rush late tomorrow afternoon.

73's

Lew
K4HR

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1540. ICE 338 AC Filter

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-30 01:04:37 UTC
From: pawnpushing
Topic: 1540 Message: 1540

Where is a source for this filter?

Ken K5WK

1541. Re: [acom-list] ICE 338 AC Filter

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-30 01:30:34 UTC
From: Paul Christensen
Topic: 1540 Message: 1541

Subject: [acom-list] ICE 338 AC Filter

> Where is a source for this filter?

Array Solutions

http://www.arraysolutions.com/Products/ice/index.html

Paul, W9AC

1542. Re: [acom-list] ICE 338 AC Filter

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-30 12:23:03 UTC
From: William Beyer
Topic: 1540 Message: 1542

Great product.....

Saved my 87A one time and is on my ACOM 2000A now.....

73

Bill/N2WB

Florida
----- Original Message -----
From: Paul Christensen
To: acom-list@yahoogroups.com
Sent: Saturday, October 29, 2005 8:30 PM
Subject: Re: [acom-list] ICE 338 AC Filter

Subject: [acom-list] ICE 338 AC Filter

> Where is a source for this filter?

Array Solutions

http://www.arraysolutions.com/Products/ice/index.html

Paul, W9AC

YAHOO! GROUPS LINKS

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[Non-text portions of this message have been removed]

1543. 19 inch racks and ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-30 20:02:12 UTC
From: Kelly Johnson
Topic: 1543 Message: 1543

Has anyone put an ACOM 1000 into a standard 19 inch rack? Anyone find 19 inch mounting tabs that can be used to do this?

[Non-text portions of this message have been removed]

1544. USR settings, 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-31 19:29:55 UTC
From: lewischeek
Topic: 1544 Message: 1544

I'm a bit confused on the number of "USR" settings per band segment.

The way I read it is that I can have up to 10 per segment, however how do I store then when I'm only using one ant. for auto adjustment?

Most of my antennas are cut for cw portion of bands, and the SWR (less than 3-1) is a bit higher on upper end of phone portion, requiring a retune for proper power output.

Received amp. on Friday and used during CQ WW Phone for S&P operation, sure for nice operation.

73's
Lew
K4HR

1545. Power out 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-31 22:51:45 UTC
From: Lew Sayre
Topic: 1545 Message: 1545

Two questions:
What is the power out available from a 2000A?
What is an ACOM 1000 delivered NOv. 2004 in great shape worth today?
73 and I remain,
Lew w7ew/w7at

[Non-text portions of this message have been removed]

1546. Re: [acom-list] 19 inch racks and ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-10-31 23:37:06 UTC
From: Eric Scace K3NA
Topic: 1543 Message: 1546

I put my Acom 2000A into a 19 inch rack. Weight distribution precludes using mounting tabs. One
could probably do it with slides. I just put a shelf between the front and rear rails and set the
amp on the shelf.

Note the requirement for vertical clearance above the tube vents. Anything above the amp in the
rack must allow for this clearance.

73,
-- Eric K3NA

on 05 Oct 30 20:02 Kelly Johnson said the following:
> Has anyone put an ACOM 1000 into a standard 19 inch rack? Anyone find 19
> inch mounting tabs that can be used to do this?

1547. PA spare tubes ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 04:39:07 UTC
From: pawnpushing
Topic: 1547 Message: 1547

With the dwindling supply of GU74B from Russia, might it be a good idea to have a spare pair? Has anyone had to replace the tubes due long use? Is the bias adjust something that requires test equipment other than volt meter?

1548. RE: [acom-list] PA spare tubes ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 11:59:18 UTC
From: bmarton
Topic: 1547 Message: 1548

I had not heard the supply of GU74B tubes was dwindling. I had always heard they were in large supply, hence the very low price. I would like to know where this rumor came from.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of pawnpushing
Sent: Monday, October 31, 2005 11:39 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] PA spare tubes ?

With the dwindling supply of GU74B from Russia, might it be a good idea to have a spare pair? Has anyone had to replace the tubes due long use? Is the bias adjust something that requires test equipment other than volt meter?

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Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_MzUUBx-hQ> hobby

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Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAFs73WsoQ> radio

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---------- NOD32 1.1269 (20051031) Information ----------

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1549. Re: [acom-list] Power out 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 17:56:48 UTC
From: Hans Remeeus
Topic: 1545 Message: 1549

1. 1500 Watt continious, 2000 Watt peak

2. $2000

Vriendelijke groeten,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Lew Sayre
To: acom-list@yahoogroups.com
Sent: Monday, October 31, 2005 11:51 PM
Subject: [acom-list] Power out 2000A

> Two questions:
> What is the power out available from a 2000A?
> What is an ACOM 1000 delivered NOv. 2004 in great shape worth
> today? 73 and I remain,
> Lew w7ew/w7at
>

[Non-text portions of this message have been removed]

1550. Re: [acom-list] Power out 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 18:13:49 UTC
From: Jim Cox
Topic: 1545 Message: 1550

$2K seems a bit low to me, I sure wouldnt sell mine for that. Jim K4JAF

----- Original Message -----
From: "Hans Remeeus" <hans@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 01, 2005 11:56 AM
Subject: Re: [acom-list] Power out 2000A

> 1. 1500 Watt continious, 2000 Watt peak
>
> 2. $2000
>
>
> Vriendelijke groeten,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: Lew Sayre
> To: acom-list@yahoogroups.com
> Sent: Monday, October 31, 2005 11:51 PM
> Subject: [acom-list] Power out 2000A
>
>> Two questions:
>> What is the power out available from a 2000A?
>> What is an ACOM 1000 delivered NOv. 2004 in great shape worth
>> today? 73 and I remain,
>> Lew w7ew/w7at
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> [Non-text portions of this message have been removed]
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1551. Re: [acom-list] Power out 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 18:46:39 UTC
From: Frank J. Connelly
Topic: 1545 Message: 1551

I agree. $2000 would be a real deal.

73,
Frank, W7ND

On Nov 1, 2005, at 10:13 AM, Jim Cox wrote:

> $2K seems a bit low to me, I sure wouldnt sell mine for that. Jim
> K4JAF
>
> ----- Original Message -----
> From: "Hans Remeeus" <hans@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, November 01, 2005 11:56 AM
> Subject: Re: [acom-list] Power out 2000A
>
>
>
>> 1. 1500 Watt continious, 2000 Watt peak
>>
>> 2. $2000
>>
>>
>> Vriendelijke groeten,
>> Hans Remeeus (PA1HR)
>> http://www.remeeus.nl
>> Communication is about people, the rest is technology.
>>
>>
>> ---- Original Message ----
>> From: Lew Sayre
>> To: acom-list@yahoogroups.com
>> Sent: Monday, October 31, 2005 11:51 PM
>> Subject: [acom-list] Power out 2000A
>>
>>
>>> Two questions:
>>> What is the power out available from a 2000A?
>>> What is an ACOM 1000 delivered NOv. 2004 in great shape worth
>>> today? 73 and I remain,
>>> Lew w7ew/w7at
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>> [Non-text portions of this message have been removed]

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1552. Re: [acom-list] PA spare tubes ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 20:18:52 UTC
From: Ken Waites
Topic: 1547 Message: 1552

This was from a discussion with Alfa on why they went to a one tube final. They claim they looked at the 4cx800 pair, and looked at what it would cost for Eimac to manufacture them -- saying the Russian supply was limited. This was most likely just a bit of disparaging on their part. At the prices they want to charge, I can't imagine them using a tube without Eimac's name on it. Of course if they are not going to use them, then that means there are that many more still in the supply chain.

----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Tuesday, November 01, 2005 5:59 AM
Subject: RE: [acom-list] PA spare tubes ?

I had not heard the supply of GU74B tubes was dwindling. I had always heard they were in large supply, hence the very low price. I would like to know where this rumor came from.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of pawnpushing
Sent: Monday, October 31, 2005 11:39 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] PA spare tubes ?

With the dwindling supply of GU74B from Russia, might it be a good idea to have a spare pair? Has anyone had to replace the tubes due long use? Is the bias adjust something that requires test equipment other than volt meter?

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Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_MzUUBx-hQ> hobby

Hobbies
<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L1W_lZQ58dekNdHLA> and crafts

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
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s73WsoQ> radio

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[Non-text portions of this message have been removed]

1553. Re: [acom-list] PA spare tubes ?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 20:27:19 UTC
From: Jim Cox
Topic: 1547 Message: 1553

This is a rumor, there are plenty of the 4CX800s available. More than we hams will ever be able to use with the current state of the Russian military. Jim K4JAF

----- Original Message -----
From: "Ken Waites" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 01, 2005 2:18 PM
Subject: Re: [acom-list] PA spare tubes ?

> This was from a discussion with Alfa on why they went to a one tube final.
> They claim they looked at the 4cx800 pair, and looked at what it would
> cost for Eimac to manufacture them -- saying the Russian supply was
> limited. This was most likely just a bit of disparaging on their part.
> At the prices they want to charge, I can't imagine them using a tube
> without Eimac's name on it. Of course if they are not going to use them,
> then that means there are that many more still in the supply chain.
> ----- Original Message -----
> From: bmarton
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 01, 2005 5:59 AM
> Subject: RE: [acom-list] PA spare tubes ?
>
>
> I had not heard the supply of GU74B tubes was dwindling. I had always
> heard
> they were in large supply, hence the very low price. I would like to
> know
> where this rumor came from.
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> Bruce K1XR
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of pawnpushing

> Sent: Monday, October 31, 2005 11:39 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] PA spare tubes ?
>
>
>
> With the dwindling supply of GU74B from Russia, might it be a good
> idea to have a spare pair? Has anyone had to replace the tubes due
> long use? Is the bias adjust something that requires test equipment
> other than volt meter?
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> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
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> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_
> MzUUBx-hQ> hobby
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> 1W_lZQ58dekNdHLA> and crafts
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1554. Re: [acom-list] Power out 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 21:04:45 UTC
From: Hans Remeeus
Topic: 1545 Message: 1554

In our country the Acom 1000 costs around 2200 euro.

What is the price in the US?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: Jim Cox
To: acom-list@yahoogroups.com
Sent: Tuesday, November 01, 2005 7:13 PM
Subject: Re: [acom-list] Power out 2000A

> $2K seems a bit low to me, I sure wouldnt sell mine for that. Jim
> K4JAF
>
> ----- Original Message -----
> From: "Hans Remeeus" <hans@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, November 01, 2005 11:56 AM
> Subject: Re: [acom-list] Power out 2000A
>
>
>> 1. 1500 Watt continious, 2000 Watt peak
>>
>> 2. $2000
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>>
>> Vriendelijke groeten,
>> Hans Remeeus (PA1HR)
>> http://www.remeeus.nl
>> Communication is about people, the rest is technology.
>>
>>
>> ---- Original Message ----
>> From: Lew Sayre
>> To: acom-list@yahoogroups.com
>> Sent: Monday, October 31, 2005 11:51 PM
>> Subject: [acom-list] Power out 2000A
>>
>>> Two questions:
>>> What is the power out available from a 2000A?
>>> What is an ACOM 1000 delivered NOv. 2004 in great shape worth
>>> today? 73 and I remain,

>>> Lew w7ew/w7at
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>> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1555. Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 20:47:59 UTC
From: wally
Topic: 1555 Message: 1555

I will sell my ACOM 2000A (manufactured 1999) for 2500 Euro plus shipping
charges ,if there are any takers after CQWW CW 2005.

Make yourself a Xmas present :-)

73, de Wally LZ2CJ (LZ8T)

--- "Hans Remeeus" <hans@...> ????????:
> In our country the Acom 1000 costs around 2200 euro.

> 73,
> Hans Remeeus (PA1HR)

1556. Re: [acom-list] Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-01 21:58:57 UTC
From: Barry
Topic: 1555 Message: 1556

Wally,
That's a real bargain. It won't last long at that price!
73,
Barry W2UP

On 1 Nov 2005 wally wrote:

> I will sell my ACOM 2000A (manufactured 1999) for 2500 Euro plus
> shipping charges ,if there are any takers after CQWW CW 2005.
>
> Make yourself a Xmas present :-)
>
> 73, de Wally LZ2CJ (LZ8T)
>
>
> --- "Hans Remeeus" <hans@...> íàïèñàíî:
> > In our country the Acom 1000 costs around 2200 euro.
>
> > 73,
> > Hans Remeeus (PA1HR)
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Barry Kutner, W2UP Internet: w2up@...
Newtown, PA Frankford Radio Club

1557. Re: [acom-list] Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-02 05:51:13 UTC
From: Hans Remeeus
Topic: 1555 Message: 1557

That's a super offer!

73, Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: "wally" <wally@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 01, 2005 9:47 PM
Subject: [acom-list] Re: Acom 2000A for sale

> I will sell my ACOM 2000A (manufactured 1999) for 2500 Euro plus
> shipping charges ,if there are any takers after CQWW CW 2005.
>
> Make yourself a Xmas present :-)
>
> 73, de Wally LZ2CJ (LZ8T)
>
>
> --- "Hans Remeeus" <hans@...> ????????:
>> In our country the Acom 1000 costs around 2200 euro.
>
>> 73,
>> Hans Remeeus (PA1HR)
>

1558. 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 00:18:05 UTC
From: k2qmf@juno.com
Topic: 1558 Message: 1558

Hello All,

I am looking at buying a pair of tubes
for my Acom 2000A amplifier.
It uses two 4CX800A/GU74B ceramic tubes.

Can anyone recommend a distributor for these tubes?
Also, do I need a "Matched Pair"?

Thanks for any suggestions...

73, Ted K2QMF

1559. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 02:40:04 UTC
From: Jim Cox
Topic: 1558 Message: 1559

Try Toms Tubes, he has an online web site and honest to deal with. Jim
K4JAF

----- Original Message -----
From: <k2qmf@...>
To: <owls@...>; <amps@...>; <frc@...>;
<acom-list@yahoogroups.com>; <yccc@...>
Sent: Wednesday, November 02, 2005 6:18 PM
Subject: [acom-list] 4CX800A/GU74B Tubes

> Hello All,
>
> I am looking at buying a pair of tubes
> for my Acom 2000A amplifier.
> It uses two 4CX800A/GU74B ceramic tubes.
>
> Can anyone recommend a distributor for these tubes?
> Also, do I need a "Matched Pair"?
>
> Thanks for any suggestions...
>
> 73, Ted K2QMF
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1560. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 05:52:07 UTC
From: Hans Remeeus
Topic: 1558 Message: 1560

Try this:

http://www.tomstubes.com/
http://www.anthonywelsh.com/
http://www.kvindesland.no/yl2qm/tubes.htm

You don't need a matched pair.

73, Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: k2qmf@...
To: owls@... ; amps@... ; frc@... ;
acom-list@yahoogroups.com ; yccc@... Sent: Thursday, November 03,
2005 1:18 AM Subject: [acom-list] 4CX800A/GU74B Tubes

> Hello All,
>
> I am looking at buying a pair of tubes
> for my Acom 2000A amplifier.
> It uses two 4CX800A/GU74B ceramic tubes.
>
> Can anyone recommend a distributor for these tubes?
> Also, do I need a "Matched Pair"?
>
> Thanks for any suggestions...
>
> 73, Ted K2QMF
>
>
> SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and crafts
> Ham radio
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>
>
> YAHOO! GROUPS LINKS
>
> Visit your group "acom-list" on the web.
>
> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1561. RE: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 13:47:33 UTC
From: bmarton
Topic: 1558 Message: 1561

I would call Acom. Krassy sells the tubes and I do not agree about unmatched tubes. If the tubes are not matched, one will pull the current more than the other and you can readily see it by monitoring the temperatures. I had a poorly matched set in my amp and one tube was running a solid 20 degrees warmer than the other. In fact it was to the point of looking rather uncomfortable. I changed them out very quickly and got a very nicely matched set that now run dead nuts even in temps. The overall temperature of the finals is much lower too.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: Thursday, November 03, 2005 12:52 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 4CX800A/GU74B Tubes

Try this:

http://www.tomstubes.com/
http://www.anthonywelsh.com/
http://www.kvindesland.no/yl2qm/tubes.htm

You don't need a matched pair.

73, Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: k2qmf@...
To: owls@... ; amps@... ; frc@... ; acom-list@yahoogroups.com ; yccc@... Sent: Thursday, November 03, 2005 1:18 AM Subject: [acom-list] 4CX800A/GU74B Tubes

> Hello All,
>
> I am looking at buying a pair of tubes
> for my Acom 2000A amplifier.
> It uses two 4CX800A/GU74B ceramic tubes.
>
> Can anyone recommend a distributor for these tubes?
> Also, do I need a "Matched Pair"?
>
> Thanks for any suggestions...

>
> 73, Ted K2QMF
>
>
> SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and crafts
> Ham radio
>
>
>
> YAHOO! GROUPS LINKS
>
> Visit your group "acom-list" on the web.
>
> To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

YAHOO! GROUPS LINKS

* Visit your group "acom-list
<http://groups.yahoo.com/group/acom-list> " on the web.

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

---------- NOD32 1.1275 (20051103) Information ----------

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1562. 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 15:29:28 UTC
From: N1EU
Topic: 1562 Message: 1562

If anyone has the 2000A manual in pdf file format, can you please upload the file to the Yahoo Groups Files section, http://groups.yahoo.com/group/acom-list/files/

The link to the manual on the Acom Web site doesn't work.

Thanks & 73,
Barry N1EU

1563. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 15:48:01 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 1563

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /ACOM 200A Schematics.PDF
Uploaded by : w7bia <w7bia@...>
Description : Acom 200A Schematics

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/ACOM%20200A%20Schematics.PDF

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

w7bia <w7bia@...>

1564. Re: [acom-list] 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 15:58:13 UTC
From: Jim Cox
Topic: 1562 Message: 1564

Thanks for the 2000 schematic. Wonder if anyone has the 1000 schematic, I would like to have that one.. Jim K4JAF

----- Original Message -----
From: "N1EU" <n1eu@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 03, 2005 9:29 AM
Subject: [acom-list] 2000A manual pdf file

> If anyone has the 2000A manual in pdf file format, can you please
> upload the file to the Yahoo Groups Files section,
> http://groups.yahoo.com/group/acom-list/files/
>
> The link to the manual on the Acom Web site doesn't work.
>
> Thanks & 73,
> Barry N1EU
>
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> Yahoo! Groups Links
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1565. Re: [acom-list] 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 16:10:28 UTC
From: Bob Naumann - W5OV
Topic: 1562 Message: 1565

I am able to access the file from the Acom website.

Bob Naumann - W5OV

> If anyone has the 2000A manual in pdf file format, can you please
> upload the file to the Yahoo Groups Files section,
> http://groups.yahoo.com/group/acom-list/files/
>
> The link to the manual on the Acom Web site doesn't work.
>
> Thanks & 73,
> Barry N1EU
>

1566. Re: [acom-list] 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 16:12:28 UTC
From: DJ3IW Goetz
Topic: 1562 Message: 1566

It's part of the manual!

73 de Goetz, DJ3IW
----- Original Message -----
From: "Jim Cox" <jcox123@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 03, 2005 3:58 PM
Subject: Re: [acom-list] 2000A manual pdf file

>
> Thanks for the 2000 schematic. Wonder if anyone has the 1000
> schematic, I
> would like to have that one.. Jim K4JAF
>
>

1567. Re: [acom-list] 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 16:31:19 UTC
From: Jim Cox
Topic: 1562 Message: 1567

It was not part of the manual I received with mine, I purchased it used.
Anyone have a copy they could scan for me or let me borrow, copy and return?
Jim K4JAF

----- Original Message -----
From: "DJ3IW Goetz" <goetzlin@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 03, 2005 10:12 AM
Subject: Re: [acom-list] 2000A manual pdf file

> It's part of the manual!
>
> 73 de Goetz, DJ3IW
> ----- Original Message -----
> From: "Jim Cox" <jcox123@...>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, November 03, 2005 3:58 PM
> Subject: Re: [acom-list] 2000A manual pdf file
>
>
>>
>> Thanks for the 2000 schematic. Wonder if anyone has the 1000
>> schematic, I
>> would like to have that one.. Jim K4JAF
>>
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> Yahoo! Groups Links
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1568. Re: [acom-list] 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 16:32:57 UTC
From: Jim Cox
Topic: 1562 Message: 1568

I see what your referring to, the one included in my manual is a very simplified schematic, only showing very little detail and no detail of the board layouts.. Jim K4JAF

----- Original Message -----
From: "DJ3IW Goetz" <goetzlin@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 03, 2005 10:12 AM
Subject: Re: [acom-list] 2000A manual pdf file

> It's part of the manual!
>
> 73 de Goetz, DJ3IW
> ----- Original Message -----
> From: "Jim Cox" <jcox123@...>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, November 03, 2005 3:58 PM
> Subject: Re: [acom-list] 2000A manual pdf file
>
>
>>
>> Thanks for the 2000 schematic. Wonder if anyone has the 1000
>> schematic, I
>> would like to have that one.. Jim K4JAF
>>
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> Yahoo! Groups Links
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1569. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 18:22:59 UTC
From: Hans Remeeus
Topic: 1558 Message: 1569

Perhaps you had one (very) bad tube. Such things can happen. You'll need two good tubes for replacement.

73, Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

---- Original Message ----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Thursday, November 03, 2005 2:47 PM
Subject: RE: [acom-list] 4CX800A/GU74B Tubes

> I would call Acom. Krassy sells the tubes and I do not agree about
> unmatched tubes. If the tubes are not matched, one will pull the
> current more than the other and you can readily see it by monitoring
> the temperatures. I had a poorly matched set in my amp and one tube
> was running a solid 20 degrees warmer than the other. In fact it was
> to the point of looking rather uncomfortable. I changed them out
> very quickly and got a very nicely matched set that now run dead nuts
> even in temps. The overall temperature of the finals is much lower
> too.
>
>
>
> Bruce K1XR

[Non-text portions of this message have been removed]

1570. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 20:23:27 UTC
From: k2qmf@juno.com
Topic: 1558 Message: 1570

Hi Hans,

Many Thanks for the info...

73, Ted K2QMF

On Thu, 3 Nov 2005 06:52:07 +0100 "Hans Remeeus" <hans@...>
writes:
> Try this:
>
> http://www.tomstubes.com/
> http://www.anthonywelsh.com/
> http://www.kvindesland.no/yl2qm/tubes.htm
>
> You don't need a matched pair.
>
>
> 73, Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: k2qmf@...
> To: owls@... ; amps@... ; frc@... ;
> acom-list@yahoogroups.com ; yccc@... Sent: Thursday, November
> 03,
> 2005 1:18 AM Subject: [acom-list] 4CX800A/GU74B Tubes
>
> > Hello All,
> >
> > I am looking at buying a pair of tubes
> > for my Acom 2000A amplifier.
> > It uses two 4CX800A/GU74B ceramic tubes.
> >
> > Can anyone recommend a distributor for these tubes?
> > Also, do I need a "Matched Pair"?
> >
> > Thanks for any suggestions...
> >
> > 73, Ted K2QMF
> >
> >
> > SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and
> crafts
> > Ham radio

> >
> >
> >
> > YAHOO! GROUPS LINKS
> >
> > Visit your group "acom-list" on the web.
> >
> > To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
> [Non-text portions of this message have been removed]
>
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>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~-->
> Get fast access to your favorite Yahoo! Groups. Make Yahoo! your
> home page
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> --~->

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> Yahoo! Groups Links
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1571. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 20:27:54 UTC
From: k2qmf@juno.com
Topic: 1558 Message: 1571

Hi Bruce,

Many Thanks for the info...
That is just what I did...

73, Ted K2QMF

On Thu, 3 Nov 2005 08:47:33 -0500 "bmarton" <bmarton@...>
writes:
> I would call Acom. Krassy sells the tubes and I do not agree about
> unmatched tubes. If the tubes are not matched, one will pull the
> current
> more than the other and you can readily see it by monitoring the
> temperatures. I had a poorly matched set in my amp and one tube was
> running
> a solid 20 degrees warmer than the other. In fact it was to the
> point of
> looking rather uncomfortable. I changed them out very quickly and
> got a
> very nicely matched set that now run dead nuts even in temps. The
> overall
> temperature of the finals is much lower too.
>
>
>
> Bruce K1XR
>
>
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>
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>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of Hans Remeeus
> Sent: Thursday, November 03, 2005 12:52 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 4CX800A/GU74B Tubes
>
>
>
> Try this:
>

> http://www.tomstubes.com/
> http://www.anthonywelsh.com/
> http://www.kvindesland.no/yl2qm/tubes.htm
>
> You don't need a matched pair.
>
>
> 73, Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
> ---- Original Message ----
> From: k2qmf@...
> To: owls@... ; amps@... ; frc@... ;
> acom-list@yahoogroups.com ; yccc@... Sent: Thursday, November
> 03,
> 2005 1:18 AM Subject: [acom-list] 4CX800A/GU74B Tubes
>
> > Hello All,
> >
> > I am looking at buying a pair of tubes
> > for my Acom 2000A amplifier.
> > It uses two 4CX800A/GU74B ceramic tubes.
> >
> > Can anyone recommend a distributor for these tubes?
> > Also, do I need a "Matched Pair"?
> >
> > Thanks for any suggestions...
> >
> > 73, Ted K2QMF
> >
> >
> > SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and
> crafts
> > Ham radio
> >
> >
> >
> > YAHOO! GROUPS LINKS
> >
> > Visit your group "acom-list" on the web.
> >
> > To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
> [Non-text portions of this message have been removed]

>
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> _____
>
> YAHOO! GROUPS LINKS
>
>
>
> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list> " on the web.
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of Service.
>
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>
> __________ NOD32 1.1275 (20051103) Information __________
>
> This message was checked by NOD32 antivirus system.
> http://www.eset.com
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>
> [Non-text portions of this message have been removed]
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>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~-->
> Get fast access to your favorite Yahoo! Groups. Make Yahoo! your
> home page
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> ---~->

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> Yahoo! Groups Links
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1572. Re: [acom-list] 4CX800A/GU74B Tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-03 20:22:41 UTC
From: k2qmf@juno.com
Topic: 1558 Message: 1572

Hi Jim,

Many Thanks for the info...

73, Ted K2QMF

On Wed, 2 Nov 2005 20:40:04 -0600 "Jim Cox" <jcox123@...>
writes:
> Try Toms Tubes, he has an online web site and honest to deal with.
> Jim
> K4JAF
>
>
> ----- Original Message -----
> From: <k2qmf@...>
> To: <owls@...>; <amps@...>; <frc@...>;
> <acom-list@yahoogroups.com>; <yccc@...>
> Sent: Wednesday, November 02, 2005 6:18 PM
> Subject: [acom-list] 4CX800A/GU74B Tubes
>
>
> > Hello All,
> >
> > I am looking at buying a pair of tubes
> > for my Acom 2000A amplifier.
> > It uses two 4CX800A/GU74B ceramic tubes.
> >
> > Can anyone recommend a distributor for these tubes?
> > Also, do I need a "Matched Pair"?
> >
> > Thanks for any suggestions...
> >
> > 73, Ted K2QMF
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> > Yahoo! Groups Links
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> ------------------------ Yahoo! Groups Sponsor
> ----------------------~-->
> Get fast access to your favorite Yahoo! Groups. Make Yahoo! your
> home page
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> ---~->

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> Yahoo! Groups Links
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1573. Re: 2000A manual pdf file

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-05 12:04:41 UTC
From: Uffe Lindhardt
Topic: 1562 Message: 1573

I have uploaded the ACOM1000 documentation, that I found previously
on the Web to the Files section. The doc is very complete with
schematics for every sub part, as well as PCB layout. Also the user
manual is included. The block diagram resolution is not that good
though.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
>
>
> Thanks for the 2000 schematic. Wonder if anyone has the 1000
schematic, I
> would like to have that one.. Jim K4JAF
>
>
> ----- Original Message -----
> From: "N1EU" <n1eu@y...>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, November 03, 2005 9:29 AM
> Subject: [acom-list] 2000A manual pdf file
>
>
> > If anyone has the 2000A manual in pdf file format, can you please
> > upload the file to the Yahoo Groups Files section,
> > http://groups.yahoo.com/group/acom-list/files/
> >
> > The link to the manual on the Acom Web site doesn't work.
> >
> > Thanks & 73,
> > Barry N1EU
> >
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1574. newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 16:09:26 UTC
From: pa7two
Topic: 1574 Message: 1574

Hi to all ACOM users!

Just bought a ACOM 1000 unit a day ago and testing along on the HAM bands. A few questions raised:

With the transformer taps set to 240 volts I got way too low power output (930 watt max), so first trials on a spinner dummyload gave me the following results:

House mains is 222/223 volt. Test frequency is 14MHz. Bird wattmeter, Revex wattmeter

230 volt taps:
2672 / 2704Volt (2288 when under load of 60 watts input),
50 watts in = 790 watts out
60 watts in = 957 watts out

Still too low according to ACOM manual specs, so having taps set to 220 volt, the following results were noticed:

220 volt taps:
2784 volt (no load),
50 watt in = 830 watts out
60 watts in = 1016 watts out
90 watts in = 1250 watts out

Much better results but.... when set to 220 volt, the AMP HV transformer HUMS so badly that I cannot use this setting..! So I had to set the taps back to 230 volt....

Can anyone tell me what I can expect from this amp when talking about the specifications as outlined in the manual? I mean, is 1000+ watts with 50 watts drive into a 50 ohm dummyload expected or a 'typical' value?? Please tell me your findings.

Looking forward to the replies,

73, de Kees - pa7two - m5two.

1575. Re: [acom-list] newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 17:10:13 UTC
From: Jim Cox
Topic: 1574 Message: 1575

How good is the 220 volt circuit in terms of voltage drop on the primary side... You seem to have a lot of voltage drop on the secondary side of the xformer... See what your power input is according to the meter, efficency should be about 65 percent or so. You will note in the manual that it is rated for 1 kw out at about 60 watts input so your power seems to be ok.

----- Original Message -----
From: "pa7two" <m5two@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 10, 2005 10:09 AM
Subject: [acom-list] newbe Acom 1000

> Hi to all ACOM users!
>
> Just bought a ACOM 1000 unit a day ago and testing along on the HAM
> bands. A few questions raised:
>
> With the transformer taps set to 240 volts I got way too low
> power output (930 watt max), so first trials on a spinner dummyload
> gave me the following results:
>
> House mains is 222/223 volt. Test frequency is 14MHz. Bird wattmeter,
> Revex wattmeter
>
> 230 volt taps:
> 2672 / 2704Volt (2288 when under load of 60 watts input),
> 50 watts in = 790 watts out
> 60 watts in = 957 watts out
>
> Still too low according to ACOM manual specs, so having taps set to
> 220 volt, the following results were noticed:
>
> 220 volt taps:
> 2784 volt (no load),
> 50 watt in = 830 watts out
> 60 watts in = 1016 watts out
> 90 watts in = 1250 watts out
>
> Much better results but.... when set to 220 volt, the AMP HV
> transformer HUMS so badly that I cannot use this setting..! So I had
> to set the taps back to 230 volt....
>
> Can anyone tell me what I can expect from this amp when talking about
> the specifications as outlined in the manual? I mean, is 1000+ watts
> with 50 watts drive into a 50 ohm dummyload expected or a 'typical'

> value?? Please tell me your findings.
>
> Looking forward to the replies,
>
> 73, de Kees - pa7two - m5two.
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> Yahoo! Groups Links
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1576. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 18:06:45 UTC
From: pa7two
Topic: 1574 Message: 1576

Hi Jim,

Thanks for your reply.

When I moved into this new house, I created a three phases mains structure. Phase 1 is the one and only used for the shack (...25 amps...) Voltage drop must be minimal, as light bulb does not flicker whatsoever.

Problem is that when the 220 volt taps are used, the correct power values are present BUT the transformer HUMS so badly that I cannot and do not want to use the amp in that condition.

BTW, the 230 volt taps still gives a light hum but I can live with that...but with that setting, the amp does not meet specs as outlined in the manual...

Regards,

Kees

--- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
>
> How good is the 220 volt circuit in terms of voltage drop on the primary
> side... You seem to have a lot of voltage drop on the secondary side of the
> xformer... See what your power input is according to the meter, efficency
> should be about 65 percent or so. You will note in the manual that it is
> rated for 1 kw out at about 60 watts input so your power seems to be ok.
>
>
> ----- Original Message -----
> From: "pa7two" <m5two@a...>
> To: <acom-list@yahoogroups.com>
> Sent: Thursday, November 10, 2005 10:09 AM
> Subject: [acom-list] newbe Acom 1000
>
>
> > Hi to all ACOM users!
> >
> > Just bought a ACOM 1000 unit a day ago and testing along on the HAM
> > bands. A few questions raised:

> >
> > With the transformer taps set to 240 volts I got way too low
> > power output (930 watt max), so first trials on a spinner
dummyload
> > gave me the following results:
> >
> > House mains is 222/223 volt. Test frequency is 14MHz. Bird
wattmeter,
> > Revex wattmeter
> >
> > 230 volt taps:
> > 2672 / 2704Volt (2288 when under load of 60 watts input),
> > 50 watts in = 790 watts out
> > 60 watts in = 957 watts out
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> > Still too low according to ACOM manual specs, so having taps set
to
> > 220 volt, the following results were noticed:
> >
> > 220 volt taps:
> > 2784 volt (no load),
> > 50 watt in = 830 watts out
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> > Much better results but.... when set to 220 volt, the AMP HV
> > transformer HUMS so badly that I cannot use this setting..! So I
had
> > to set the taps back to 230 volt....
> >
> > Can anyone tell me what I can expect from this amp when talking
about
> > the specifications as outlined in the manual? I mean, is 1000+
watts
> > with 50 watts drive into a 50 ohm dummyload expected or
a 'typical'
> > value?? Please tell me your findings.
> >
> > Looking forward to the replies,
> >
> > 73, de Kees - pa7two - m5two.
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> > Yahoo! Groups Links

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1577. Re: [acom-list] Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 18:17:55 UTC
From: Mel Whitten
Topic: 1574 Message: 1577

..hum, sounds like a "frequency" issue? Is it 50hz there?
Mel, K0PFX

----- Original Message -----
From: pa7two
To: acom-list@yahoogroups.com
Sent: Thursday, November 10, 2005 12:06 PM
Subject: [acom-list] Re: newbe Acom 1000

Hi Jim,

Thanks for your reply.

When I moved into this new house, I created a three phases mains structure. Phase 1 is the one and only used for the shack (...25 amps...) Voltage drop must be minimal, as light bulb does not flicker whatsoever.

Problem is that when the 220 volt taps are used, the correct power values are present BUT the transformer HUMS so badly that I cannot and do not want to use the amp in that condition.

BTW, the 230 volt taps still gives a light hum but I can live with that...but with that setting, the amp does not meet specs as outlined in the manual...

Regards,

Kees

--- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
>
> How good is the 220 volt circuit in terms of voltage drop on the primary
> side... You seem to have a lot of voltage drop on the secondary side of the
> xformer... See what your power input is according to the meter, efficency
> should be about 65 percent or so. You will note in the manual that it is
> rated for 1 kw out at about 60 watts input so your power seems to be ok.
>
>
> ----- Original Message -----
> From: "pa7two" <m5two@a...>
> To: <acom-list@yahoogroups.com>

> Sent: Thursday, November 10, 2005 10:09 AM
> Subject: [acom-list] newbe Acom 1000
>
>
> > Hi to all ACOM users!
> >
> > Just bought a ACOM 1000 unit a day ago and testing along on the
HAM
> > bands. A few questions raised:
> >
> > With the transformer taps set to 240 volts I got way too low
> > power output (930 watt max), so first trials on a spinner
dummyload
> > gave me the following results:
> >
> > House mains is 222/223 volt. Test frequency is 14MHz. Bird
wattmeter,
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> > 220 volt, the following results were noticed:
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> > Much better results but.... when set to 220 volt, the AMP HV
> > transformer HUMS so badly that I cannot use this setting..! So I
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> > to set the taps back to 230 volt....
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> > Can anyone tell me what I can expect from this amp when talking
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> > the specifications as outlined in the manual? I mean, is 1000+
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> > value?? Please tell me your findings.
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> > Looking forward to the replies,
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> > 73, de Kees - pa7two - m5two.

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[Non-text portions of this message have been removed]

1578. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 18:23:51 UTC
From: pa7two
Topic: 1574 Message: 1578

Yes, correct! Indeed 50hz is present...any findings with your amp on
this matter?

Kees

--- In acom-list@yahoogroups.com, "Mel Whitten" <mel@m...> wrote:
>
> ..hum, sounds like a "frequency" issue? Is it 50hz there?
> Mel, K0PFX
>
> ----- Original Message -----
> From: pa7two
> To: acom-list@yahoogroups.com
> Sent: Thursday, November 10, 2005 12:06 PM
> Subject: [acom-list] Re: newbe Acom 1000
>
>
> Hi Jim,
>
> Thanks for your reply.
>
> When I moved into this new house, I created a three phases mains
> structure. Phase 1 is the one and only used for the shack (...25
> amps...) Voltage drop must be minimal, as light bulb does not
flicker
> whatsoever.
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> Problem is that when the 220 volt taps are used, the correct
power
> values are present BUT the transformer HUMS so badly that I
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> and do not want to use the amp in that condition.
>
> BTW, the 230 volt taps still gives a light hum but I can live
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> that...but with that setting, the amp does not meet specs as
outlined
> in the manual...
>
> Regards,
>
> Kees
>
>
> --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:

> >
> > How good is the 220 volt circuit in terms of voltage drop on
the
> primary
> > side... You seem to have a lot of voltage drop on the
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> side of the
> > xformer... See what your power input is according to the
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> > should be about 65 percent or so. You will note in the manual
that
> it is
> > rated for 1 kw out at about 60 watts input so your power seems
to
> be ok.
> >
> >
> > ----- Original Message -----
> > From: "pa7two" <m5two@a...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, November 10, 2005 10:09 AM
> > Subject: [acom-list] newbe Acom 1000
> >
> >
> > > Hi to all ACOM users!
> > >
> > > Just bought a ACOM 1000 unit a day ago and testing along on
the
> HAM
> > > bands. A few questions raised:
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> > > With the transformer taps set to 240 volts I got way too low
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> dummyload
> > > gave me the following results:
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> > > House mains is 222/223 volt. Test frequency is 14MHz. Bird
> wattmeter,
> > > Revex wattmeter
> > >
> > > 230 volt taps:
> > > 2672 / 2704Volt (2288 when under load of 60 watts input),
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> > > Still too low according to ACOM manual specs, so having taps
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> > > 220 volt, the following results were noticed:

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> > > 2784 volt (no load),
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> > > Much better results but.... when set to 220 volt, the AMP HV
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>
> [Non-text portions of this message have been removed]
>

1579. Re: [acom-list] Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 19:08:04 UTC
From: Mel Whitten
Topic: 1574 Message: 1579

No, mine was on 60hz, but 50Hz should not be causing problem, just guessing, Perhaps, others will have answer.
Mel

----- Original Message -----
From: pa7two
To: acom-list@yahoogroups.com
Sent: Thursday, November 10, 2005 12:23 PM
Subject: [acom-list] Re: newbe Acom 1000

Yes, correct! Indeed 50hz is present...any findings with your amp on this matter?

Kees

--- In acom-list@yahoogroups.com, "Mel Whitten" <mel@m...> wrote:
>
> ..hum, sounds like a "frequency" issue? Is it 50hz there?
> Mel, K0PFX
>
> ----- Original Message -----
> From: pa7two
> To: acom-list@yahoogroups.com
> Sent: Thursday, November 10, 2005 12:06 PM
> Subject: [acom-list] Re: newbe Acom 1000
>
>
> Hi Jim,
>
> Thanks for your reply.
>
> When I moved into this new house, I created a three phases mains
> structure. Phase 1 is the one and only used for the shack (...25
> amps...) Voltage drop must be minimal, as light bulb does not flicker
> whatsoever.
>
> Problem is that when the 220 volt taps are used, the correct power
> values are present BUT the transformer HUMS so badly that I cannot
> and do not want to use the amp in that condition.
>
> BTW, the 230 volt taps still gives a light hum but I can live with
> that...but with that setting, the amp does not meet specs as

outlined
> in the manual...
>
> Regards,
>
> Kees
>
>
> --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
> >
> > How good is the 220 volt circuit in terms of voltage drop on
the
> primary
> > side... You seem to have a lot of voltage drop on the
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> side of the
> > xformer... See what your power input is according to the
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> > should be about 65 percent or so. You will note in the manual
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> it is
> > rated for 1 kw out at about 60 watts input so your power seems
to
> be ok.
> >
> >
> > ----- Original Message -----
> > From: "pa7two" <m5two@a...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Thursday, November 10, 2005 10:09 AM
> > Subject: [acom-list] newbe Acom 1000
> >
> >
> > > Hi to all ACOM users!
> > >
> > > Just bought a ACOM 1000 unit a day ago and testing along on
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> HAM
> > > bands. A few questions raised:
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> > > With the transformer taps set to 240 volts I got way too low
> > > power output (930 watt max), so first trials on a spinner
> dummyload
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> wattmeter,
> > > Revex wattmeter
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> > > 230 volt taps:
> > > 2672 / 2704Volt (2288 when under load of 60 watts input),
> > > 50 watts in = 790 watts out
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> > > Still too low according to ACOM manual specs, so having taps
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> > > 220 volt, the following results were noticed:
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> > > 220 volt taps:
> > > 2784 volt (no load),
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> > > Much better results but.... when set to 220 volt, the AMP HV
> > > transformer HUMS so badly that I cannot use this setting..!
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1580. Re: [acom-list] Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-10 19:32:59 UTC
From: Jim Cox
Topic: 1574 Message: 1580

I wouldnt think you should have that much hum at either voltage or 50 hz.
The xformer isnt going to be as efficent at 50 hz but shouldnt have that
much hum. Is it physically tightened down well?\
I dont notice any physical hum here at all at full power output, amp is very
very quiet.
Jim K4JAF

----- Original Message -----
From: "pa7two" <m5two@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 10, 2005 12:06 PM
Subject: [acom-list] Re: newbe Acom 1000

> Hi Jim,
>
> Thanks for your reply.
>
> When I moved into this new house, I created a three phases mains
> structure. Phase 1 is the one and only used for the shack (...25
> amps...) Voltage drop must be minimal, as light bulb does not flicker
> whatsoever.
>
> Problem is that when the 220 volt taps are used, the correct power
> values are present BUT the transformer HUMS so badly that I cannot
> and do not want to use the amp in that condition.
>
> BTW, the 230 volt taps still gives a light hum but I can live with
> that...but with that setting, the amp does not meet specs as outlined
> in the manual...
>
> Regards,
>
> Kees
>
>
> --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
>>
>> How good is the 220 volt circuit in terms of voltage drop on the
> primary
>> side... You seem to have a lot of voltage drop on the secondary
> side of the
>> xformer... See what your power input is according to the meter,
> efficency
>> should be about 65 percent or so. You will note in the manual that
> it is

>> rated for 1 kw out at about 60 watts input so your power seems to
> be ok.
>>
>>
>> ----- Original Message -----
>> From: "pa7two" <m5two@a...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Thursday, November 10, 2005 10:09 AM
>> Subject: [acom-list] newbe Acom 1000
>>
>>
>> > Hi to all ACOM users!
>> >
>> > Just bought a ACOM 1000 unit a day ago and testing along on the
> HAM
>> > bands. A few questions raised:
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>> > With the transformer taps set to 240 volts I got way too low
>> > power output (930 watt max), so first trials on a spinner
> dummyload
>> > gave me the following results:
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>> > House mains is 222/223 volt. Test frequency is 14MHz. Bird
> wattmeter,
>> > Revex wattmeter
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>> > 230 volt taps:
>> > 2672 / 2704Volt (2288 when under load of 60 watts input),
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>> > Much better results but.... when set to 220 volt, the AMP HV
>> > transformer HUMS so badly that I cannot use this setting..! So I
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>> > Can anyone tell me what I can expect from this amp when talking
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1581. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-11 08:08:56 UTC
From: pa7two
Topic: 1574 Message: 1581

I'll try later today to see if the bolds and nuts of the transformer
are tightened.

On the 230v taps there is still a very light hum present, but not as
bad as on te 220 taps.

Kees pa7two.

--- In acom-list@...m, "Jim Cox" <jcox123@b...> wrote:
>
> I wouldnt think you should have that much hum at either voltage or
50 hz.
> The xformer isnt going to be as efficent at 50 hz but shouldnt have
that
> much hum. Is it physically tightened down well?\
> I dont notice any physical hum here at all at full power output,
amp is very
> very quiet.
> Jim K4JAF
>
>
> ----- Original Message -----
> From: "pa7two" <m5two@a...>
> To: <acom-list@...m>
> Sent: Thursday, November 10, 2005 12:06 PM
> Subject: [acom-list] Re: newbe Acom 1000
>
>
> > Hi Jim,
> >
> > Thanks for your reply.
> >
> > When I moved into this new house, I created a three phases mains
> > structure. Phase 1 is the one and only used for the shack (...25
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> > Problem is that when the 220 volt taps are used, the correct power
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> > BTW, the 230 volt taps still gives a light hum but I can live with
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> >
> > Regards,
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> > Kees
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> > --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
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> >> How good is the 220 volt circuit in terms of voltage drop on the
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> >> From: "pa7two" <m5two@a...>
> >> To: <acom-list@yahoogroups.com>
> >> Sent: Thursday, November 10, 2005 10:09 AM
> >> Subject: [acom-list] newbe Acom 1000
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1582. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-11 15:19:29 UTC
From: edctexas
Topic: 1574 Message: 1582

Typically there would be more hum and vibration noticeable on 50 Hz operation of any transformer. Normally one would expect that at higher excitation with more magnetizing current there would be more "hum". Selecting the 220 tap versus the 230 tap lowers the primary side magnetizing inductance which does two things. It first raises the effective tuurn ratio primary to secondary, and second causes more magnetizing current to flow.

The only things that should cause audible hum even when operating on 50 Hz are: loose mounting; loose laminations; or failed varnish impregnation. Given the construction of the transformer, I would guess that either the mounting is loose or the transformer maybe be defective. Give the factory a call and ask for an opinion.

73 Ed KE3D

--- In acom-list@yahoogroups.com, "pa7two" <m5two@a...> wrote:
>
> I'll try later today to see if the bolds and nuts of the
transformer
> are tightened.
>
> On the 230v taps there is still a very light hum present, but not
as
> bad as on te 220 taps.
>
> Kees pa7two.
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> --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
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> > I wouldnt think you should have that much hum at either voltage
or
> 50 hz.
> > The xformer isnt going to be as efficent at 50 hz but shouldnt
have
> that
> > much hum. Is it physically tightened down well?\
> > I dont notice any physical hum here at all at full power output,
> amp is very
> > very quiet.
> > Jim K4JAF
> >
> >
> > ----- Original Message -----
> > From: "pa7two" <m5two@a...>
> > To: <acom-list@yahoogroups.com>

> > Sent: Thursday, November 10, 2005 12:06 PM
> > Subject: [acom-list] Re: newbe Acom 1000
> >
> >
> > > Hi Jim,
> > >
> > > Thanks for your reply.
> > >
> > > When I moved into this new house, I created a three phases mains
> > > structure. Phase 1 is the one and only used for the shack (...25
> > > amps...) Voltage drop must be minimal, as light bulb does not
> flicker
> > > whatsoever.
> > >
> > > Problem is that when the 220 volt taps are used, the correct
power
> > > values are present BUT the transformer HUMS so badly that I
cannot
> > > and do not want to use the amp in that condition.
> > >
> > > BTW, the 230 volt taps still gives a light hum but I can live
with
> > > that...but with that setting, the amp does not meet specs as
> outlined
> > > in the manual...
> > >
> > > Regards,
> > >
> > > Kees
> > >
> > >
> > > --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...>
wrote:
> > >>
> > >> How good is the 220 volt circuit in terms of voltage drop on
the
> > > primary
> > >> side... You seem to have a lot of voltage drop on the
secondary
> > > side of the
> > >> xformer... See what your power input is according to the
meter,
> > > efficency
> > >> should be about 65 percent or so. You will note in the manual
> that
> > > it is
> > >> rated for 1 kw out at about 60 watts input so your power seems
to
> > > be ok.
> > >>

> > >>
> > >> ----- Original Message -----
> > >> From: "pa7two" <m5two@a...>
> > >> To: <acom-list@yahoogroups.com>
> > >> Sent: Thursday, November 10, 2005 10:09 AM
> > >> Subject: [acom-list] newbe Acom 1000
> > >>
> > >>
> > >> > Hi to all ACOM users!
> > >> >
> > >> > Just bought a ACOM 1000 unit a day ago and testing along on
the
> > > HAM
> > >> > bands. A few questions raised:
> > >> >
> > >> > With the transformer taps set to 240 volts I got way too low
> > >> > power output (930 watt max), so first trials on a spinner
> > > dummyload
> > >> > gave me the following results:
> > >> >
> > >> > House mains is 222/223 volt. Test frequency is 14MHz. Bird
> > > wattmeter,
> > >> > Revex wattmeter
> > >> >
> > >> > 230 volt taps:
> > >> > 2672 / 2704Volt (2288 when under load of 60 watts input),
> > >> > 50 watts in = 790 watts out
> > >> > 60 watts in = 957 watts out
> > >> >
> > >> > Still too low according to ACOM manual specs, so having taps
> set
> > > to
> > >> > 220 volt, the following results were noticed:
> > >> >
> > >> > 220 volt taps:
> > >> > 2784 volt (no load),
> > >> > 50 watt in = 830 watts out
> > >> > 60 watts in = 1016 watts out
> > >> > 90 watts in = 1250 watts out
> > >> >
> > >> > Much better results but.... when set to 220 volt, the AMP HV
> > >> > transformer HUMS so badly that I cannot use this setting..!
So
> I
> > > had
> > >> > to set the taps back to 230 volt....
> > >> >
> > >> > Can anyone tell me what I can expect from this amp when
talking
> > > about

> > >> > the specifications as outlined in the manual? I mean, is
1000+
> > > watts
> > >> > with 50 watts drive into a 50 ohm dummyload expected or
> > > a 'typical'
> > >> > value?? Please tell me your findings.
> > >> >
> > >> > Looking forward to the replies,
> > >> >
> > >> > 73, de Kees - pa7two - m5two.
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1583. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-11 19:36:05 UTC
From: pa7two
Topic: 1574 Message: 1583

Hi Ed,

thanks for the clear explanations. Yes, indeed, I'll contact Acom,
and I will keep you gents updated on the matter.

Checking the bolts and nuts of the transformer in the meantime.

Kind regards, 73, de Kees - pa7two - m5two.

--- In acom-list@yahoogroups.com, "edctexas" <ed.cox@l...> wrote:
>
> Typically there would be more hum and vibration noticeable on 50 Hz
> operation of any transformer. Normally one would expect that at
> higher excitation with more magnetizing current there would be
> more "hum". Selecting the 220 tap versus the 230 tap lowers the
> primary side magnetizing inductance which does two things. It
first
> raises the effective tuurn ratio primary to secondary, and second
> causes more magnetizing current to flow.
>
> The only things that should cause audible hum even when operating
on
> 50 Hz are: loose mounting; loose laminations; or failed varnish
> impregnation. Given the construction of the transformer, I would
> guess that either the mounting is loose or the transformer maybe be
> defective. Give the factory a call and ask for an opinion.
>
> 73 Ed KE3D
>
>
> --- In acom-list@yahoogroups.com, "pa7two" <m5two@a...> wrote:
> >
> > I'll try later today to see if the bolds and nuts of the
> transformer
> > are tightened.
> >
> > On the 230v taps there is still a very light hum present, but not
> as
> > bad as on te 220 taps.
> >
> > Kees pa7two.
> >
> > --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...> wrote:
> > >
> > > I wouldnt think you should have that much hum at either voltage
> or

> > 50 hz.
> > > The xformer isnt going to be as efficent at 50 hz but shouldnt
> have
> > that
> > > much hum. Is it physically tightened down well?\
> > > I dont notice any physical hum here at all at full power
output,
> > amp is very
> > > very quiet.
> > > Jim K4JAF
> > >
> > >
> > > ----- Original Message -----
> > > From: "pa7two" <m5two@a...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Thursday, November 10, 2005 12:06 PM
> > > Subject: [acom-list] Re: newbe Acom 1000
> > >
> > >
> > > > Hi Jim,
> > > >
> > > > Thanks for your reply.
> > > >
> > > > When I moved into this new house, I created a three phases
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> > > > structure. Phase 1 is the one and only used for the shack
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> > > > amps...) Voltage drop must be minimal, as light bulb does not
> > flicker
> > > > whatsoever.
> > > >
> > > > Problem is that when the 220 volt taps are used, the correct
> power
> > > > values are present BUT the transformer HUMS so badly that I
> cannot
> > > > and do not want to use the amp in that condition.
> > > >
> > > > BTW, the 230 volt taps still gives a light hum but I can live
> with
> > > > that...but with that setting, the amp does not meet specs as
> > outlined
> > > > in the manual...
> > > >
> > > > Regards,
> > > >
> > > > Kees
> > > >
> > > >
> > > > --- In acom-list@yahoogroups.com, "Jim Cox" <jcox123@b...>
> wrote:

> > > >>
> > > >> How good is the 220 volt circuit in terms of voltage drop
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> the
> > > > primary
> > > >> side... You seem to have a lot of voltage drop on the
> secondary
> > > > side of the
> > > >> xformer... See what your power input is according to the
> meter,
> > > > efficency
> > > >> should be about 65 percent or so. You will note in the
manual
> > that
> > > > it is
> > > >> rated for 1 kw out at about 60 watts input so your power
seems
> to
> > > > be ok.
> > > >>
> > > >>
> > > >> ----- Original Message -----
> > > >> From: "pa7two" <m5two@a...>
> > > >> To: <acom-list@yahoogroups.com>
> > > >> Sent: Thursday, November 10, 2005 10:09 AM
> > > >> Subject: [acom-list] newbe Acom 1000
> > > >>
> > > >>
> > > >> > Hi to all ACOM users!
> > > >> >
> > > >> > Just bought a ACOM 1000 unit a day ago and testing along
on
> the
> > > > HAM
> > > >> > bands. A few questions raised:
> > > >> >
> > > >> > With the transformer taps set to 240 volts I got way too
low
> > > >> > power output (930 watt max), so first trials on a spinner
> > > > dummyload
> > > >> > gave me the following results:
> > > >> >
> > > >> > House mains is 222/223 volt. Test frequency is 14MHz. Bird
> > > > wattmeter,
> > > >> > Revex wattmeter
> > > >> >
> > > >> > 230 volt taps:
> > > >> > 2672 / 2704Volt (2288 when under load of 60 watts input),
> > > >> > 50 watts in = 790 watts out
> > > >> > 60 watts in = 957 watts out

> > > >> >
> > > >> > Still too low according to ACOM manual specs, so having
taps
> > set
> > > > to
> > > >> > 220 volt, the following results were noticed:
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> > > >> > 220 volt taps:
> > > >> > 2784 volt (no load),
> > > >> > 50 watt in = 830 watts out
> > > >> > 60 watts in = 1016 watts out
> > > >> > 90 watts in = 1250 watts out
> > > >> >
> > > >> > Much better results but.... when set to 220 volt, the AMP
HV
> > > >> > transformer HUMS so badly that I cannot use this
setting..!
> So
> > I
> > > > had
> > > >> > to set the taps back to 230 volt....
> > > >> >
> > > >> > Can anyone tell me what I can expect from this amp when
> talking
> > > > about
> > > >> > the specifications as outlined in the manual? I mean, is
> 1000+
> > > > watts
> > > >> > with 50 watts drive into a 50 ohm dummyload expected or
> > > > a 'typical'
> > > >> > value?? Please tell me your findings.
> > > >> >
> > > >> > Looking forward to the replies,
> > > >> >
> > > >> > 73, de Kees - pa7two - m5two.
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1584. DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 14:46:07 UTC
From: pawnpushing
Topic: 1584 Message: 1584

On my amp, this measurement is not correct.
With 1-2 watts drive it shows 1.12 KW DC input.
This produces about 50 watts output, small place current.
All other parameters appear correct. This is not a bother,
just causes me to scratch my head and wonder how accurate the
other measurements are.

Or maybe I do not understand what is being measured here.

Ken

1585. Re: DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 15:05:34 UTC
From: edctexas
Topic: 1584 Message: 1585

Remember that the amp is hopefully a linear amp. At low/no RF drive the amp has an idling DC dissipation of Ipa (idle) * Vplate. I don't think that this should be 1kW but will be somewhere between 250 and 400 watts. With a small drive the Ipa will increase but the output won't be more than 12 dB above the input drive which in your example would be about 30W. This should add roughly 60-70 watts to the idling power.

If I understand the amplifier operation correctly, the ACOM amps not only need to be switched to TX via the "KEYIN" but also have detectable RF coming in to be biased up to the idle Ipa reading. I would doubt that the readout (via A/D to the LCD) is off by 500- 600 W worth of Ipa reading. You don't mention what yours reads. I'm at work and can't look at any of my amps to see what "normal" might be. I would guess that the accuracy of the A/D might be slightly less at low levels on any of the measured parameters, but no more than 5-7%.

So you might share what the Vplate and Ipa readings that occur under the 1-2 watts drive are with the list. Perhaps someone with access to their amp can share what they think "normal" for these parameters are.

73 Ed KE3D

--- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...>
wrote:
>
> On my amp, this measurement is not correct.
> With 1-2 watts drive it shows 1.12 KW DC input.
> This produces about 50 watts output, small place current.
> All other parameters appear correct. This is not a bother,
> just causes me to scratch my head and wonder how accurate the
> other measurements are.
>
> Or maybe I do not understand what is being measured here.
>
> Ken
>

1586. Re: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 15:52:01 UTC
From: Ken Waites
Topic: 1584 Message: 1586

Drive: 3 watts
DC-Input: 1.13 KW
Fwd Pwr: 100 Watts
Gain: 15 db
HV 2.56 KV
Plate current: .44 amps
Plate RF .48 KV

I think the main thing is that Plate RF and DC-Input are two different measurements. Plus we are measuring at the ends of the scale.
Needless to say, the measurement kinda jumps out at you.

----- Original Message -----
From: edctexas
To: acom-list@yahoogroups.com
Sent: Wednesday, November 16, 2005 9:05 AM
Subject: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Remember that the amp is hopefully a linear amp. At low/no RF drive
the amp has an idling DC dissipation of Ipa (idle) * Vplate. I don't
think that this should be 1kW but will be somewhere between 250 and
400 watts. With a small drive the Ipa will increase but the output
won't be more than 12 dB above the input drive which in your example
would be about 30W. This should add roughly 60-70 watts to the idling
power.

If I understand the amplifier operation correctly, the ACOM amps not
only need to be switched to TX via the "KEYIN" but also have
detectable RF coming in to be biased up to the idle Ipa reading. I
would doubt that the readout (via A/D to the LCD) is off by 500- 600 W
worth of Ipa reading. You don't mention what yours reads. I'm at
work and can't look at any of my amps to see what "normal" might be. I
would guess that the accuracy of the A/D might be slightly less at low
levels on any of the measured parameters, but no more than 5-7%.

So you might share what the Vplate and Ipa readings that occur under
the 1-2 watts drive are with the list. Perhaps someone with access to
their amp can share what they think "normal" for these parameters are.

73 Ed KE3D

--- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...>
wrote:
>
> On my amp, this measurement is not correct.
> With 1-2 watts drive it shows 1.12 KW DC input.
> This produces about 50 watts output, small place current.

> All other parameters appear correct. This is not a bother,
> just causes me to scratch my head and wonder how accurate the
> other measurements are.
>
> Or maybe I do not understand what is being measured here.
>
> Ken
>

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Ham radio

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b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1587. RE: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 17:35:12 UTC
From: G3SJJ
Topic: 1584 Message: 1587

Readings from my Acom 1000 for comparison. Extrapolated, it seems about the same.

Chris G3SJJ

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Ken Waites
Sent: 16 November 2005 15:52
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Drive: 3 watts 3w
DC-Input: 1.13 KW 450w
Fwd Pwr: 100 Watts 45w
Gain: 15 db 11.5dB
HV 2.56 KV 2.72KV
Plate current: .44 amps .180 A
Plate RF .48 KV .54 KV

I think the main thing is that Plate RF and DC-Input are two different measurements. Plus we are measuring at the ends of the scale.
Needless to say, the measurement kinda jumps out at you.

----- Original Message -----
From: edctexas
To: acom-list@yahoogroups.com
Sent: Wednesday, November 16, 2005 9:05 AM
Subject: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Remember that the amp is hopefully a linear amp. At low/no RF drive the amp has an idling DC dissipation of Ipa (idle) * Vplate. I don't think that this should be 1kW but will be somewhere between 250 and 400 watts. With a small drive the Ipa will increase but the output won't be more than 12 dB above the input drive which in your example would be about 30W. This should add roughly 60-70 watts to the idling power.

If I understand the amplifier operation correctly, the ACOM amps not only need to be switched to TX via the "KEYIN" but also have detectable RF coming in to be biased up to the idle Ipa reading. I would doubt that the readout (via A/D to the LCD) is off by 500- 600 W worth of Ipa reading. You don't mention what yours reads. I'm at work and can't look at any of my amps to see what "normal" might be. I would guess that the accuracy of the A/D might be slightly less at low levels on any of the measured parameters, but no more than 5-7%.

So you might share what the Vplate and Ipa readings that occur under the 1-2 watts drive are with the list. Perhaps someone with access to their amp can share what they think "normal" for these parameters are.

73 Ed KE3D

--- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...> wrote:
>
> On my amp, this measurement is not correct.
> With 1-2 watts drive it shows 1.12 KW DC input.
> This produces about 50 watts output, small place current.
> All other parameters appear correct. This is not a bother,
> just causes me to scratch my head and wonder how accurate the
> other measurements are.
>
> Or maybe I do not understand what is being measured here.
>
> Ken

1588. DC etc measurements ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 17:40:05 UTC
From: DJ3IW Goetz
Topic: 1588 Message: 1588

Hi,

in my ACOM 1000 I read the following values for 3 watts drive:
Frequency 14088kHz, Drive 3 Watts, TUNE AND LOAD adjusted for
maximum output!!!!
Plate Volts under load: 2560 V
Plate current: 200 mA
Plate RF Peak: ~2500 V
DC Input: 510 W
Output Power: 225 W
If I tune the amp for "normal" output first and then reduce the
drive to 3 watts WITHOUT RETUNING I get these readings
PLate Volts under load: 2560 V
Plate current: 210 mA
Plate RF Peak: ~ 756 V
DC Input: 530 W
Output Power: 85 W

73 de Goetz, DJ3IW

1589. Re: DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-16 23:33:22 UTC
From: edctexas
Topic: 1584 Message: 1589

What I was trying to say before, perhaps alittle clumsily, is that you need to remove the idling current from your calculation. The amp will seems VERY inefficient at low power. Especially the ACOM amps as they have better distortion (slightly higher idle current than comparable amps). If you had no drive and could keep the bias at normal levels, you would see Ipa and some Vp for no power out. If my memory serves me, the ACOM quickly biases the tubes to cut off in the absence of drive. So you'd need to look quickly as you went to zero drive.

The amp when fully driven should be somewhere between 48 and 56% efficient (RTTY, CW or two-tone). But, only near the top rated output! At lower outputs, the efficiency will seem worse because of the idle current. Remember the amp is class AB.

The numbers look good to me except I really don't understand the plate RF voltage. This seems low for 450w but as I say I'm not sure I understand what that is really supposed to mean. Try a quick full blast reading and see if the numbers don't look better (not too long even though the ACOM can take it).

Ed KE3D

--- In acom-list@yahoogroups.com, "G3SJJ" <g3sjj@b...> wrote:
>
> Readings from my Acom 1000 for comparison. Extrapolated, it seems about the
> same.
>
> Chris G3SJJ
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On
> Behalf Of Ken Waites
> Sent: 16 November 2005 15:52
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Re: DC Input Measurement incorrect ??, ACOM
> 2000A
>
>
> Drive: 3 watts 3w
> DC-Input: 1.13 KW 450w
> Fwd Pwr: 100 Watts 45w
> Gain: 15 db 11.5dB
> HV 2.56 KV 2.72KV

> Plate current: .44 amps .180 A
> Plate RF .48 KV .54 KV
>
> I think the main thing is that Plate RF and DC-Input are two
different
> measurements. Plus we are measuring at the ends of the scale.
> Needless to say, the measurement kinda jumps out at you.
>
>
> ----- Original Message -----
> From: edctexas
> To: acom-list@yahoogroups.com
> Sent: Wednesday, November 16, 2005 9:05 AM
> Subject: [acom-list] Re: DC Input Measurement incorrect ??, ACOM
2000A
>
>
> Remember that the amp is hopefully a linear amp. At low/no RF
drive
> the amp has an idling DC dissipation of Ipa (idle) * Vplate. I
don't
> think that this should be 1kW but will be somewhere between 250
and
> 400 watts. With a small drive the Ipa will increase but the
output
> won't be more than 12 dB above the input drive which in your
example
> would be about 30W. This should add roughly 60-70 watts to the
idling
> power.
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> If I understand the amplifier operation correctly, the ACOM amps
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> only need to be switched to TX via the "KEYIN" but also have
> detectable RF coming in to be biased up to the idle Ipa reading.
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> would doubt that the readout (via A/D to the LCD) is off by 500-
600 W
> worth of Ipa reading. You don't mention what yours reads. I'm at
> work and can't look at any of my amps to see what "normal" might
be. I
> would guess that the accuracy of the A/D might be slightly less
at low
> levels on any of the measured parameters, but no more than 5-7%.
>
> So you might share what the Vplate and Ipa readings that occur
under
> the 1-2 watts drive are with the list. Perhaps someone with
access to
> their amp can share what they think "normal" for these parameters

are.
>
> 73 Ed KE3D
>
> --- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...>
> wrote:
> >
> > On my amp, this measurement is not correct.
> > With 1-2 watts drive it shows 1.12 KW DC input.
> > This produces about 50 watts output, small place current.
> > All other parameters appear correct. This is not a bother,
> > just causes me to scratch my head and wonder how accurate the
> > other measurements are.
> >
> > Or maybe I do not understand what is being measured here.
> >
> > Ken
>

1590. Re: [acom-list] Re: DC Input Measurement incorrect ??, ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-17 00:03:29 UTC
From: Kenneth Waites
Topic: 1584 Message: 1590

Ed, that makes sense.
I mistook what was being measured with DC-Input. Only later did I understand what was being measured. DC input instead to RF.
The 1kw jumped out at me with 3 w drive. At low power, one is running the electric meter pretty hard for the output. Best just stay with the exciter at full tilt than to power up the amp for a few watts more e.g. 30 meters with the 200 watt limitation.
KEN

[Non-text portions of this message have been removed]

1591. Acom 2000a and ORION, QSK

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-18 21:31:55 UTC
From: pawnpushing
Topic: 1591 Message: 1591

I am wondering what experience has shows as to best way to hook up to the ORION. Are two TR lines better than just one? I am currently running with only one TR line and have not observed any problems. When are two lines (TR IN, TR OUT) needed?

1592. RE: [acom-list] Acom 2000a and ORION, QSK

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-18 21:35:30 UTC
From: G3SJJ
Topic: 1591 Message: 1592

Who?

Chris G3SJJ

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On
Behalf Of pawnpushing
Sent: 18 November 2005 21:32
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000a and ORION, QSK

I am wondering what experience has shows as to best way to hook up to
the ORION. Are two TR lines better than just one? I am currently
running with only one TR line and have not observed any problems.
When are two lines (TR IN, TR OUT) needed?

Yahoo! Groups Links

1593. Re: Acom 2000a and ORION, QSK

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-21 15:21:26 UTC
From: edctexas
Topic: 1591 Message: 1593

I no longer have the Orion but am famiiar with its operation with linear amps. The keying loop prevents hot switching of the amplifier especially in QSK. The lead names are sort of misleading. The Key In is the PTT out of the radio. It switches the amp from idle to hot and switches the bypass relay around the amp to the feed positions. The amp is normally bypassed in idle so one can hear. In "hot" the amp output connects to the antenna and the amp rf in connects to the Orion.

The Key-out is sort of a don't put out RF or anti-key output to the rig. Another name might be TX inhibit. Its function is to prevent the rig from producing RF until the TR relay has completed the antenna transfer action. With the ACOM and the Orion, I would not think Keyout is really needed. The ACOM is fast QSK switching (alot faster than my old QSK Amp Supply LK-550). Still its insurance. If the ACOM detects a fault, key-out will prevent the Orion from outputting RF when keyed until the amp is bypassed (standby).

Hope this wordy dialog helps. I was confused when I first encounterd the key-out or keying loop. An possible alternative for rigs that don't have a TX inhibit (key-out input) input is to use something like the Microham MK keyer sequencer. It has a programmable Amp PTT output. When you use the MK winkey on CW the MK keys the AMP before keying the rig. You can have the MK "hang on " to the PA PTT (semi-breakin) or follow keying for QSK. Thats what I use with the ICOM 756PIII (Orion replacement). I'd probably have an Orion MkII if they had gotten around to that sooner, but Orion stories and bugs are yet another reflector. Good luck and happy CW

Ed KE3D

--- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...> wrote:
>
> I am wondering what experience has shows as to best way to hook up to
> the ORION. Are two TR lines better than just one? I am currently
> running with only one TR line and have not observed any problems.
> When are two lines (TR IN, TR OUT) needed?
>

1594. Re: [acom-list] Re: Acom 2000a and ORION, QSK

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-23 04:37:56 UTC
From: Ken Waites
Topic: 1591 Message: 1594

Thanks Ed.

It seems to me ACOM would show an error if it hot switched. Both ORION and ACOM say key2 it is likely not needed. Maybe only at very high QSK speeds since the dits get pretty short with higher speeds. The ORION is only guaranteed QSK thru 65 wpm - which does not cramp my game!

I have one of the devices that fit in the relay line, but unfortunately it is with my other rig at my other location. I may go ahead and put in the the second line and see if there is any notable change.

New software load for Orion coming out about Christmas, so there may be some change there.

Ken
----- Original Message -----
From: edctexas
To: acom-list@yahoogroups.com
Sent: Monday, November 21, 2005 9:21 AM
Subject: [acom-list] Re: Acom 2000a and ORION, QSK

I no longer have the Orion but am famiiar with its operation with linear amps. The keying loop prevents hot switching of the amplifier especially in QSK. The lead names are sort of misleading. The Key In is the PTT out of the radio. It switches the amp from idle to hot and switches the bypass relay around the amp to the feed positions. The amp is normally bypassed in idle so one can hear. In "hot" the amp output connects to the antenna and the amp rf in connects to the Orion.

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Hope this wordy dialog helps. I was confused when I first encounterd the key-out or keying loop. An possible alternative for rigs that don't have a TX inhibit (key-out input) input is to use something like the Microham MK keyer sequencer. It has a programmable Amp PTT output. When you use the MK winkey on CW the MK keys the AMP before keying the rig. You can have the MK "hang on " to the PA PTT (semi-breakin) or follow keying for QSK. Thats what I use with the ICOM 756PIII (Orion replacement). I'd probably have an Orion MkII if they had gotten around to that sooner, but Orion stories and bugs are yet another reflector. Good luck and happy CW

Ed KE3D

--- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...>
wrote:
>
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> the ORION. Are two TR lines better than just one? I am currently
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> When are two lines (TR IN, TR OUT) needed?
>

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[Non-text portions of this message have been removed]

1595. Re: [acom-list] Re: Acom 2000a and ORION, QSK

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-23 13:21:07 UTC
From: Jim Cox
Topic: 1591 Message: 1595

I have also used the Orion with the Acom 1000 and no problems. I did use the QSK method of in and out signals but have used it the other way with only one keying line and worked fine. I don't run cw at over 25-30 wpm so maybe that helped. I use the acom 1000 now with the Pro II and no problems at all with only the one keying line. Loved the Orion receiver but the other problems turned me off on it, but again my opinion. Jim K4JAF

----- Original Message -----
From: "Ken Waites" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 22, 2005 10:37 PM
Subject: Re: [acom-list] Re: Acom 2000a and ORION, QSK

> Thanks Ed.
>
> It seems to me ACOM would show an error if it hot switched. Both ORION
> and ACOM say key2 it is likely not needed. Maybe only at very high QSK
> speeds since the dits get pretty short with higher speeds. The ORION is
> only guaranteed QSK thru 65 wpm - which does not cramp my game!
>
> I have one of the devices that fit in the relay line, but unfortunately it
> is with my other rig at my other location. I may go ahead and put in the
> the second line and see if there is any notable change.
>
> New software load for Orion coming out about Christmas, so there may be
> some change there.
>
> Ken
> ----- Original Message -----
> From: edctexas
> To: acom-list@yahoogroups.com
> Sent: Monday, November 21, 2005 9:21 AM
> Subject: [acom-list] Re: Acom 2000a and ORION, QSK
>
>
> I no longer have the Orion but am famiiar with its operation with
> linear amps. The keying loop prevents hot switching of the amplifier
> especially in QSK. The lead names are sort of misleading. The Key In
> is the PTT out of the radio. It switches the amp from idle to hot and
> switches the bypass relay around the amp to the feed positions. The
> amp is normally bypassed in idle so one can hear. In "hot" the amp
> output connects to the antenna and the amp rf in connects to the Orion.
>
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> rig. Another name might be TX inhibit. Its function is to prevent

> the rig from producing RF until the TR relay has completed the antenna
> transfer action. With the ACOM and the Orion, I would not think
> Keyout is really needed. The ACOM is fast QSK switching (alot faster
> than my old QSK Amp Supply LK-550). Still its insurance. If the ACOM
> detects a fault, key-out will prevent the Orion from outputting RF
> when keyed until the amp is bypassed (standby).
>
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> don't have a TX inhibit (key-out input) input is to use something like
> the Microham MK keyer sequencer. It has a programmable Amp PTT
> output. When you use the MK winkey on CW the MK keys the AMP before
> keying the rig. You can have the MK "hang on " to the PA PTT (semi-
> breakin) or follow keying for QSK. Thats what I use with the ICOM
> 756PIII (Orion replacement). I'd probably have an Orion MkII if they
> had gotten around to that sooner, but Orion stories and bugs are yet
> another reflector. Good luck and happy CW
>
> Ed KE3D
>
> --- In acom-list@yahoogroups.com, "pawnpushing" <barbiekenw@p...>
> wrote:
> >
> > I am wondering what experience has shows as to best way to hook up
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> > the ORION. Are two TR lines better than just one? I am currently
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1596. Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-24 13:04:36 UTC
From: Charlie, W0YG
Topic: 1162 Message: 1596

Just got back from VK9XG and VK9CG where I used the little Acom 1010 amplifier. It performed admirably without missing a beat. Wish the factory answered e-mails as well as their amps perform. They seem to ignore their mail, even where URGENT is used in the subject.

73,

Charlie, W0YG..>>

1597. Re: [acom-list] Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-24 20:55:50 UTC
From: Lew Sayre
Topic: 1162 Message: 1597

I have to echo Charlie's observations. I brought my ACOM 1000 to FT5XO where it functioned very well. I recently sent an e-mail to the guys asking about pricing for a couple of 2000A's but no response after a couple of weeks. Maybe they're just too busy with other stuff. Bet they'd sell more amps if they responded to the e-mail.
73 and I remain,
Lew W7EW/W7AT
----- Original Message -----
From: Charlie, W0YG<mailto:w0yg@...>
To: acom-list@yahoogroups.com<mailto:acom-list@yahoogroups.com>
Sent: Thursday, November 24, 2005 5:04 AM
Subject: [acom-list] Acom 1010

Just got back from VK9XG and VK9CG where I used the little Acom 1010 amplifier. It performed admirably without missing a beat. Wish the factory answered e-mails as well as their amps perform. They seem to ignore their mail, even where URGENT is used in the subject.

73,

Charlie, W0YG..>>

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Ham radio<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAFs73WsoQ>

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[Non-text portions of this message have been removed]

1598. Re: [acom-list] Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-24 21:21:45 UTC
From: Jim Cox
Topic: 1162 Message: 1598

Difficult to understand why companies offer a great product and their
customer support can be so bad. I have had similar problems with the Acom
American supplier.
Jim K4JAF

----- Original Message -----
From: "Lew Sayre" <leww@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 24, 2005 2:55 PM
Subject: Re: [acom-list] Acom 1010

>I have to echo Charlie's observations. I brought my ACOM 1000 to FT5XO
>where it functioned very well. I recently sent an e-mail to the guys asking
>about pricing for a couple of 2000A's but no response after a couple of
>weeks. Maybe they're just too busy with other stuff. Bet they'd sell more
>amps if they responded to the e-mail.
> 73 and I remain,
> Lew W7EW/W7AT
> ----- Original Message -----
> From: Charlie, W0YG<mailto:w0yg@...>
> To: acom-list@yahoogroups.com<mailto:acom-list@yahoogroups.com>
> Sent: Thursday, November 24, 2005 5:04 AM
> Subject: [acom-list] Acom 1010
>
>
> Just got back from VK9XG and VK9CG where I used the little Acom 1010
> amplifier. It performed admirably without missing a beat. Wish the
> factory answered e-mails as well as their amps perform. They seem to
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> 73,
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> Charlie, W0YG..>>
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w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L1W_lZQ58dekNdHLA>
> Ham
> radio<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=Craft+h
obby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAFs73WsoQ>
>
>
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1599. responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-27 16:55:22 UTC
From: pawnpushing
Topic: 1599 Message: 1599

I have been critical of "Acom America".

However, it is necessary to have a slim staff to keep down the overhead. The equipment prices would have to change if they hired a couple of people to answer emails and respond to phone calls. So, yes it is frustrating, but there is also a benefit to small staffs.

My main complaint is that someone needs to write things down rather than "call back tomorrow and remind me". Delays don't bother me nearly as much as a request going into the black hole.

BTW, CQ WW contest saw a cool running amplifier with zero concerns.

Ken

1600. RE: [acom-list] responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-27 23:14:09 UTC
From: Neal Campbell
Topic: 1599 Message: 1600

Just to give a different perspective. I sent them an email 2 weeks ago today asking for a price list. Ordered a 2000 4 days later and received it last Wednesday. I could not get a commitment from any other amp manufacturer to deliver any sooner than 8-10 weeks. I am very happy with my buying experience.

73 de Neal k3nc

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of pawnpushing
Sent: Sunday, November 27, 2005 4:55 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] responsiveness and service

I have been critical of "Acom America".

However, it is necessary to have a slim staff to keep down the overhead. The equipment prices would have to change if they hired a couple of people to answer emails and respond to phone calls. So, yes it is frustrating, but there is also a benefit to small staffs.

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Ken

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---

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[Non-text portions of this message have been removed]

1601. Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-28 17:00:23 UTC
From: edctexas
Topic: 1599 Message: 1601

Mixed feelings about communicating with ACOM-USA. Emails are hit and miss. I think that spam (the plague of plagues) is killing the utility of email. Phone response has been fairly good. Now I have Will's cell number! Maybe that will let me get better service... The new ACOM 200A arrives today! 2 weeks after ordering. It was hard to find out what it would cost but easy to order. I'd say the principle hams involved play radio alot and so are not quite as anxious to "sell" product over email and phone. Still, the amps are great products. Just my opinion 73 Ed KE3D

Thanks to Charlie for great operation. Alot of work for such a small group of one!

--- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...> wrote:
>
> Just to give a different perspective. I sent them an email 2 weeks ago today
> asking for a price list. Ordered a 2000 4 days later and received it last
> Wednesday. I could not get a commitment from any other amp manufacturer to
> deliver any sooner than 8-10 weeks. I am very happy with my buying
> experience.
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> 73 de Neal k3nc
>
> -----
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of pawnpushing
> Sent: Sunday, November 27, 2005 4:55 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] responsiveness and service
>
>
> I have been critical of "Acom America".
>
> However, it is necessary to have a slim staff to keep down the
> overhead. The equipment prices would have to change if they hired a
> couple of people to answer emails and respond to phone calls. So, yes
> it is frustrating, but there is also a benefit to small staffs.

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> Ken
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> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
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t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
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2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
K4PEN_
> MzUUBx-hQ> hobby Hobbies
> <http://groups.yahoo.com/gads?
t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
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upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
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> 1W_lZQ58dekNdHLA> and crafts
> Ham
> <http://groups.yahoo.com/gads?
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> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
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> [Non-text portions of this message have been removed]
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1602. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-28 19:02:45 UTC
From: Jim Cox
Topic: 1599 Message: 1602

Anyone who has had luck getting them to answer emails or returning phone
calls has had better luck than I.
Great product but customer service just aint up to par. Jim K4JAF

----- Original Message -----
From: "edctexas" <ed.cox@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 11:00 AM
Subject: [acom-list] Re: responsiveness and service

> Mixed feelings about communicating with ACOM-USA. Emails are hit and
> miss. I think that spam (the plague of plagues) is killing the
> utility of email. Phone response has been fairly good. Now I have
> Will's cell number! Maybe that will let me get better service...
> The new ACOM 200A arrives today! 2 weeks after ordering. It was
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> Thanks to Charlie for great operation. Alot of work for such a small
> group of one!
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> --- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...>
> wrote:
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>> Just to give a different perspective. I sent them an email 2 weeks
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> manufacturer to
>> deliver any sooner than 8-10 weeks. I am very happy with my buying
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>>
>> 73 de Neal k3nc
>>
>> _____
>>
>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
>> Of pawnpushing
>> Sent: Sunday, November 27, 2005 4:55 PM
>> To: acom-list@yahoogroups.com
>> Subject: [acom-list] responsiveness and service

>>
>>
>> I have been critical of "Acom America".
>>
>> However, it is necessary to have a slim staff to keep down the
>> overhead. The equipment prices would have to change if they hired
> a
>> couple of people to answer emails and respond to phone calls. So,
> yes
>> it is frustrating, but there is also a benefit to small staffs.
>>
>> My main complaint is that someone needs to write things down rather
>> than "call back tomorrow and remind me". Delays don't bother me
>> nearly as much as a request going into the black hole.
>>
>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
>>
>> Ken
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>> SPONSORED LINKS
>> Hobby
>> <http://groups.yahoo.com/gads?
> t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
>>
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
> sig=Sz
>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
>> <http://groups.yahoo.com/gads?
> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
>>
> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
> K4PEN_
>> MzUUBx-hQ> hobby Hobbies
>> <http://groups.yahoo.com/gads?
> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
>>
> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
> J-__6L
>> 1W_lZQ58dekNdHLA> and crafts
>> Ham
>> <http://groups.yahoo.com/gads?
> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
> gq6h7guAF
>> s73WsoQ> radio

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>> YAHOO! GROUPS LINKS
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>> * Visit your group "acom-list
>> <http://groups.yahoo.com/group/acom-list> " on the web.
>>
>>
>> * To unsubscribe from this group, send an email to:
>> acom-list-unsubscribe@yahoogroups.com
>> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>
>>
>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service
>> <http://docs.yahoo.com/info/terms/> .
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1603. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-28 22:06:43 UTC
From: Pat Twentythree
Topic: 1599 Message: 1603

I am very happy with the service that I received from ACOM. Last summer, I sent them an email and a few days later I got a response to the questions that I had on the price of the 2000A. All of my contacts were with Will and they were by telephone. Will was very pleasant to deal with and very helpful with all my questions. They had the amplifier in stock at the time I called. On a Tuesday I FAX my order and a copy of my license and on Wednesday, I had my 2000A amplifier at my QTH.

I feel that you need to call them on the telephone and not depend on email. They are a small operation for a large area to cover and they offer an excellent product.

I am very happy with my 2000A and the service.

73,
Pat W1KA

Jim Cox <jcox123@...> wrote:
Anyone who has had luck getting them to answer emails or returning phone
calls has had better luck than I.
Great product but customer service just aint up to par. Jim K4JAF

----- Original Message -----
From: "edctexas" <ed.cox@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 11:00 AM
Subject: [acom-list] Re: responsiveness and service

> Mixed feelings about communicating with ACOM-USA. Emails are hit and
> miss. I think that spam (the plague of plagues) is killing the
> utility of email. Phone response has been fairly good. Now I have
> Will's cell number! Maybe that will let me get better service...
> The new ACOM 200A arrives today! 2 weeks after ordering. It was
> hard to find out what it would cost but easy to order. I'd say the
> principle hams involved play radio alot and so are not quite as
> anxious to "sell" product over email and phone. Still, the amps are
> great products. Just my opinion 73 Ed KE3D
>
> Thanks to Charlie for great operation. Alot of work for such a small
> group of one!
>
> --- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...>
> wrote:
>>
>> Just to give a different perspective. I sent them an email 2 weeks
> ago today
>> asking for a price list. Ordered a 2000 4 days later and received
> it last

>> Wednesday. I could not get a commitment from any other amp
> manufacturer to
>> deliver any sooner than 8-10 weeks. I am very happy with my buying
>> experience.
>>
>> 73 de Neal k3nc
>>
>> _____
>>
>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
>> Of pawnpushing
>> Sent: Sunday, November 27, 2005 4:55 PM
>> To: acom-list@yahoogroups.com
>> Subject: [acom-list] responsiveness and service
>>
>>
>> I have been critical of "Acom America".
>>
>> However, it is necessary to have a slim staff to keep down the
>> overhead. The equipment prices would have to change if they hired
> a
>> couple of people to answer emails and respond to phone calls. So,
> yes
>> it is frustrating, but there is also a benefit to small staffs.
>>
>> My main complaint is that someone needs to write things down rather
>> than "call back tomorrow and remind me". Delays don't bother me
>> nearly as much as a request going into the black hole.
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>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
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>> Ken
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>> SPONSORED LINKS
>> Hobby
>> <http://groups.yahoo.com/gads?
> t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
>>
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
> sig=Sz
>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
>> <http://groups.yahoo.com/gads?
> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
>>

> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
> K4PEN_
>> MzUUBx-hQ> hobby Hobbies
>> <http://groups.yahoo.com/gads?
> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
>>
> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
> J-__6L
>> 1W_lZQ58dekNdHLA> and crafts
>> Ham
>> <http://groups.yahoo.com/gads?
> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
> gq6h7guAF
>> s73WsoQ> radio
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>> _____
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>> YAHOO! GROUPS LINKS
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>>
>> * Visit your group "acom-list
>> <http://groups.yahoo.com/group/acom-list> " on the web.
>>
>>
>> * To unsubscribe from this group, send an email to:
>> acom-list-unsubscribe@yahoogroups.com
>> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>
>>
>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service
>> <http://docs.yahoo.com/info/terms/> .
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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SPONSORED LINKS
Hobby and craft supply Craft hobby Hobbies and crafts Ham radio

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YAHOO! GROUPS LINKS

Visit your group "acom-list" on the web.

To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

1604. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 00:02:34 UTC
From: Jim Cox
Topic: 1599 Message: 1604

Yes, but what do you do when you call the telephone number, leave messages
on the answering machine and never get a return call? Jim K4JAF

----- Original Message -----
From: "Pat Twentythree" <w1ka8877@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 4:06 PM
Subject: Re: [acom-list] Re: responsiveness and service

>I am very happy with the service that I received from ACOM. Last summer, I
>sent them an email and a few days later I got a response to the questions
>that I had on the price of the 2000A. All of my contacts were with Will and
>they were by telephone. Will was very pleasant to deal with and very
>helpful with all my questions. They had the amplifier in stock at the time
>I called. On a Tuesday I FAX my order and a copy of my license and on
>Wednesday, I had my 2000A amplifier at my QTH.
>
> I feel that you need to call them on the telephone and not depend on
> email. They are a small operation for a large area to cover and they offer
> an excellent product.
>
> I am very happy with my 2000A and the service.
>
> 73,
> Pat W1KA
>
> Jim Cox <jcox123@...> wrote:
> Anyone who has had luck getting them to answer emails or returning phone
> calls has had better luck than I.
> Great product but customer service just aint up to par. Jim K4JAF
>
> ----- Original Message -----
> From: "edctexas" <ed.cox@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, November 28, 2005 11:00 AM
> Subject: [acom-list] Re: responsiveness and service
>
>
>> Mixed feelings about communicating with ACOM-USA. Emails are hit and
>> miss. I think that spam (the plague of plagues) is killing the
>> utility of email. Phone response has been fairly good. Now I have
>> Will's cell number! Maybe that will let me get better service...
>> The new ACOM 200A arrives today! 2 weeks after ordering. It was
>> hard to find out what it would cost but easy to order. I'd say the
>> principle hams involved play radio alot and so are not quite as

>> anxious to "sell" product over email and phone. Still, the amps are
>> great products. Just my opinion 73 Ed KE3D
>>
>> Thanks to Charlie for great operation. Alot of work for such a small
>> group of one!
>>
>> --- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...>
>> wrote:
>>>
>>> Just to give a different perspective. I sent them an email 2 weeks
>> ago today
>>> asking for a price list. Ordered a 2000 4 days later and received
>> it last
>>> Wednesday. I could not get a commitment from any other amp
>> manufacturer to
>>> deliver any sooner than 8-10 weeks. I am very happy with my buying
>>> experience.
>>>
>>> 73 de Neal k3nc
>>>
>>> _____
>>>
>>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
>> On Behalf
>>> Of pawnpushing
>>> Sent: Sunday, November 27, 2005 4:55 PM
>>> To: acom-list@yahoogroups.com
>>> Subject: [acom-list] responsiveness and service
>>>
>>>
>>> I have been critical of "Acom America".
>>>
>>> However, it is necessary to have a slim staff to keep down the
>>> overhead. The equipment prices would have to change if they hired
>> a
>>> couple of people to answer emails and respond to phone calls. So,
>> yes
>>> it is frustrating, but there is also a benefit to small staffs.
>>>
>>> My main complaint is that someone needs to write things down rather
>>> than "call back tomorrow and remind me". Delays don't bother me
>>> nearly as much as a request going into the black hole.
>>>
>>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
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>>> Ken
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>>> SPONSORED LINKS
>>> Hobby
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
>>>
>> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
>> sig=Sz
>>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
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>> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
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>> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
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>>> MzUUBx-hQ> hobby Hobbies
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>>>
>> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
>> J-__6L
>>> 1W_lZQ58dekNdHLA> and crafts
>>> Ham
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
>>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
>> gq6h7guAF
>>> s73WsoQ> radio
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>>> _____
>>>
>>> YAHOO! GROUPS LINKS
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>>>
>>>
>>> * Visit your group "acom-list
>>> <http://groups.yahoo.com/group/acom-list> " on the web.
>>>
>>>
>>> * To unsubscribe from this group, send an email to:
>>> acom-list-unsubscribe@yahoogroups.com
>>> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>>
>>>
>>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service
>>> <http://docs.yahoo.com/info/terms/> .
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>>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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>
> SPONSORED LINKS
> Hobby and craft supply Craft hobby Hobbies and crafts Ham
> radio
>
> ---------------------------------
> YAHOO! GROUPS LINKS
>
>
> Visit your group "acom-list" on the web.
>
> To unsubscribe from this group, send an email to:
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> ---------------------------------
> Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

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> Yahoo! Groups Links
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1605. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 00:14:56 UTC
From: Jim Cox
Topic: 1599 Message: 1605

I did forget to say, my problems with Acom American occurred about 12 months ago so maybe customer service has improved. I wanted the price of the 2000 and was going to order one but after 3 calls and no return, I assumed they didnt need my business. I later bought a used 1000 and been very happy with it. Jim K4JAF

----- Original Message -----
From: "Jim Cox" <jcox123@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 6:02 PM
Subject: Re: [acom-list] Re: responsiveness and service

> Yes, but what do you do when you call the telephone number, leave messages
> on the answering machine and never get a return call? Jim K4JAF
>
> ----- Original Message -----
> From: "Pat Twentythree" <w1ka8877@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, November 28, 2005 4:06 PM
> Subject: Re: [acom-list] Re: responsiveness and service
>
>
>>I am very happy with the service that I received from ACOM. Last summer, I
>>sent them an email and a few days later I got a response to the questions
>>that I had on the price of the 2000A. All of my contacts were with Will
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>>they were by telephone. Will was very pleasant to deal with and very
>>helpful with all my questions. They had the amplifier in stock at the time
>>I called. On a Tuesday I FAX my order and a copy of my license and on
>>Wednesday, I had my 2000A amplifier at my QTH.
>>
>> I feel that you need to call them on the telephone and not depend on
>> email. They are a small operation for a large area to cover and they
>> offer
>> an excellent product.
>>
>> I am very happy with my 2000A and the service.
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>> 73,
>> Pat W1KA
>>
>> Jim Cox <jcox123@...> wrote:
>> Anyone who has had luck getting them to answer emails or returning phone
>> calls has had better luck than I.
>> Great product but customer service just aint up to par. Jim K4JAF

>>
>> ----- Original Message -----
>> From: "edctexas" <ed.cox@...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Monday, November 28, 2005 11:00 AM
>> Subject: [acom-list] Re: responsiveness and service
>>
>>
>>> Mixed feelings about communicating with ACOM-USA. Emails are hit and
>>> miss. I think that spam (the plague of plagues) is killing the
>>> utility of email. Phone response has been fairly good. Now I have
>>> Will's cell number! Maybe that will let me get better service...
>>> The new ACOM 200A arrives today! 2 weeks after ordering. It was
>>> hard to find out what it would cost but easy to order. I'd say the
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>>> anxious to "sell" product over email and phone. Still, the amps are
>>> great products. Just my opinion 73 Ed KE3D
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>>> Thanks to Charlie for great operation. Alot of work for such a small
>>> group of one!
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>>> --- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...>
>>> wrote:
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>>>> Just to give a different perspective. I sent them an email 2 weeks
>>> ago today
>>>> asking for a price list. Ordered a 2000 4 days later and received
>>> it last
>>>> Wednesday. I could not get a commitment from any other amp
>>> manufacturer to
>>>> deliver any sooner than 8-10 weeks. I am very happy with my buying
>>>> experience.
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>>>> 73 de Neal k3nc
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>>>> _____
>>>>
>>>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
>>> On Behalf
>>>> Of pawnpushing
>>>> Sent: Sunday, November 27, 2005 4:55 PM
>>>> To: acom-list@yahoogroups.com
>>>> Subject: [acom-list] responsiveness and service
>>>>
>>>>
>>>> I have been critical of "Acom America".
>>>>
>>>> However, it is necessary to have a slim staff to keep down the
>>>> overhead. The equipment prices would have to change if they hired
>>> a

>>>> couple of people to answer emails and respond to phone calls. So,
>>> yes
>>>> it is frustrating, but there is also a benefit to small staffs.
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>>>> My main complaint is that someone needs to write things down rather
>>>> than "call back tomorrow and remind me". Delays don't bother me
>>>> nearly as much as a request going into the black hole.
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>>>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
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>>>> SPONSORED LINKS
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>>>>
>>> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
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>>> K4PEN_
>>>> MzUUBx-hQ> hobby Hobbies
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>>> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
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>>> J-__6L
>>>> 1W_lZQ58dekNdHLA> and crafts
>>>> Ham
>>>> <http://groups.yahoo.com/gads?
>>> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
>>>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
>>> gq6h7guAF
>>>> s73WsoQ> radio
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>>>> YAHOO! GROUPS LINKS
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>>>> * Visit your group "acom-list
>>>> <http://groups.yahoo.com/group/acom-list> " on the web.
>>>>
>>>>
>>>> * To unsubscribe from this group, send an email to:
>>>> acom-list-unsubscribe@yahoogroups.com
>>>> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>>>
>>>>
>>>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>>> Service
>>>> <http://docs.yahoo.com/info/terms/> .
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>> SPONSORED LINKS
>> Hobby and craft supply Craft hobby Hobbies and crafts Ham
>> radio
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>> YAHOO! GROUPS LINKS
>>
>>
>> Visit your group "acom-list" on the web.
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>> To unsubscribe from this group, send an email to:
>> acom-list-unsubscribe@yahoogroups.com
>>
>> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>> ---------------------------------
>> Yahoo! Music Unlimited - Access over 1 million songs. Try it free.
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> Yahoo! Groups Links
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1606. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 00:21:47 UTC
From: Pat Twentythree
Topic: 1599 Message: 1606

Jim,

If I didn't get a live person when I called, I just hung up and called back later. I never left a message. Will even gave me his cell phone number so that I could contact him with additional questions, if I had some.

73,
Pat W1KA

Jim Cox <jcox123@...> wrote:
Yes, but what do you do when you call the telephone number, leave messages on the answering machine and never get a return call? Jim K4JAF

----- Original Message -----
From: "Pat Twentythree" <w1ka8877@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 4:06 PM
Subject: Re: [acom-list] Re: responsiveness and service

>I am very happy with the service that I received from ACOM. Last summer, I
>sent them an email and a few days later I got a response to the questions
>that I had on the price of the 2000A. All of my contacts were with Will and
>they were by telephone. Will was very pleasant to deal with and very
>helpful with all my questions. They had the amplifier in stock at the time
>I called. On a Tuesday I FAX my order and a copy of my license and on
>Wednesday, I had my 2000A amplifier at my QTH.
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> I feel that you need to call them on the telephone and not depend on
> email. They are a small operation for a large area to cover and they offer
> an excellent product.
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> I am very happy with my 2000A and the service.
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> 73,
> Pat W1KA
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> Jim Cox <jcox123@...> wrote:
> Anyone who has had luck getting them to answer emails or returning phone
> calls has had better luck than I.
> Great product but customer service just aint up to par. Jim K4JAF
>
> ----- Original Message -----
> From: "edctexas" <ed.cox@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, November 28, 2005 11:00 AM
> Subject: [acom-list] Re: responsiveness and service

>
>
>> Mixed feelings about communicating with ACOM-USA. Emails are hit and
>> miss. I think that spam (the plague of plagues) is killing the
>> utility of email. Phone response has been fairly good. Now I have
>> Will's cell number! Maybe that will let me get better service...
>> The new ACOM 200A arrives today! 2 weeks after ordering. It was
>> hard to find out what it would cost but easy to order. I'd say the
>> principle hams involved play radio alot and so are not quite as
>> anxious to "sell" product over email and phone. Still, the amps are
>> great products. Just my opinion 73 Ed KE3D
>>
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>> group of one!
>>
>> --- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@p...>
>> wrote:
>>>
>>> Just to give a different perspective. I sent them an email 2 weeks
>> ago today
>>> asking for a price list. Ordered a 2000 4 days later and received
>> it last
>>> Wednesday. I could not get a commitment from any other amp
>> manufacturer to
>>> deliver any sooner than 8-10 weeks. I am very happy with my buying
>>> experience.
>>>
>>> 73 de Neal k3nc
>>>
>>> _____
>>>
>>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
>> On Behalf
>>> Of pawnpushing
>>> Sent: Sunday, November 27, 2005 4:55 PM
>>> To: acom-list@yahoogroups.com
>>> Subject: [acom-list] responsiveness and service
>>>
>>>
>>> I have been critical of "Acom America".
>>>
>>> However, it is necessary to have a slim staff to keep down the
>>> overhead. The equipment prices would have to change if they hired
>> a
>>> couple of people to answer emails and respond to phone calls. So,
>> yes
>>> it is frustrating, but there is also a benefit to small staffs.
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>>> My main complaint is that someone needs to write things down rather
>>> than "call back tomorrow and remind me". Delays don't bother me

>>> nearly as much as a request going into the black hole.
>>>
>>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
>>>
>>> Ken
>>>
>>>
>>>
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>>>
>>> SPONSORED LINKS
>>> Hobby
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
>>>
>> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
>> sig=Sz
>>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
>>>
>> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
>> K4PEN_
>>> MzUUBx-hQ> hobby Hobbies
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
>>>
>> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
>> J-__6L
>>> 1W_lZQ58dekNdHLA> and crafts
>>> Ham
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
>>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
>> gq6h7guAF
>>> s73WsoQ> radio
>>>
>>> _____
>>>
>>> YAHOO! GROUPS LINKS
>>>
>>>
>>>
>>> * Visit your group "acom-list
>>> <http://groups.yahoo.com/group/acom-list> " on the web.
>>>
>>>
>>> * To unsubscribe from this group, send an email to:
>>> acom-list-unsubscribe@yahoogroups.com

>>> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>>
>>>
>>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service
>>> <http://docs.yahoo.com/info/terms/> .
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>>> _____
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>> Yahoo! Groups Links
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>
> SPONSORED LINKS
> Hobby and craft supply Craft hobby Hobbies and crafts Ham
> radio
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> ---------------------------------
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>
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> ---------------------------------
> Yahoo! Music Unlimited - Access over 1 million songs. Try it free.
>
> [Non-text portions of this message have been removed]
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SPONSORED LINKS
Hobby and craft supply Craft hobby Hobbies and crafts Ham radio

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YAHOO! GROUPS LINKS

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Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

1607. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 00:55:23 UTC
From: Jim Cox
Topic: 1599 Message: 1607

I am glad you had such great service, as I said in my earlier email, my experiences were about a year ago so hopefully service has improved.... Do love the 1000. Jim

----- Original Message -----
From: "Pat Twentythree" <w1ka8877@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 6:21 PM
Subject: Re: [acom-list] Re: responsiveness and service

> Jim,
>
> If I didn't get a live person when I called, I just hung up and called
> back later. I never left a message. Will even gave me his cell phone
> number so that I could contact him with additional questions, if I had
> some.
>
> 73,
> Pat W1KA
>
> Jim Cox <jcox123@...> wrote:
> Yes, but what do you do when you call the telephone number, leave
> messages
> on the answering machine and never get a return call? Jim K4JAF
>
> ----- Original Message -----
> From: "Pat Twentythree" <w1ka8877@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, November 28, 2005 4:06 PM
> Subject: Re: [acom-list] Re: responsiveness and service
>
>
>>I am very happy with the service that I received from ACOM. Last summer, I
>>sent them an email and a few days later I got a response to the questions
>>that I had on the price of the 2000A. All of my contacts were with Will
>>and
>>they were by telephone. Will was very pleasant to deal with and very
>>helpful with all my questions. They had the amplifier in stock at the time
>>I called. On a Tuesday I FAX my order and a copy of my license and on
>>Wednesday, I had my 2000A amplifier at my QTH.
>>
>> I feel that you need to call them on the telephone and not depend on
>> email. They are a small operation for a large area to cover and they
>> offer
>> an excellent product.

>>
>> I am very happy with my 2000A and the service.
>>
>> 73,
>> Pat W1KA
>>
>> Jim Cox <jcox123@...> wrote:
>> Anyone who has had luck getting them to answer emails or returning phone
>> calls has had better luck than I.
>> Great product but customer service just aint up to par. Jim K4JAF
>>
>> ----- Original Message -----
>> From: "edctexas" <ed.cox@...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Monday, November 28, 2005 11:00 AM
>> Subject: [acom-list] Re: responsiveness and service
>>
>>
>>> Mixed feelings about communicating with ACOM-USA. Emails are hit and
>>> miss. I think that spam (the plague of plagues) is killing the
>>> utility of email. Phone response has been fairly good. Now I have
>>> Will's cell number! Maybe that will let me get better service...
>>> The new ACOM 200A arrives today! 2 weeks after ordering. It was
>>> hard to find out what it would cost but easy to order. I'd say the
>>> principle hams involved play radio alot and so are not quite as
>>> anxious to "sell" product over email and phone. Still, the amps are
>>> great products. Just my opinion 73 Ed KE3D
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>>>> Sent: Sunday, November 27, 2005 4:55 PM
>>>> To: acom-list@yahoogroups.com
>>>> Subject: [acom-list] responsiveness and service
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>>>> BTW, CQ WW contest saw a cool running amplifier with zero concerns.
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>>>> Ken
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>>>> SPONSORED LINKS
>>>> Hobby
>>>> <http://groups.yahoo.com/gads?
>>> t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
>>>>
>>> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.
>>> sig=Sz
>>>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
>>>> <http://groups.yahoo.com/gads?
>>> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
>>>>
>>> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
>>> K4PEN_
>>>> MzUUBx-hQ> hobby Hobbies
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>>> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
>>>>
>>> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=
>>> J-__6L
>>>> 1W_lZQ58dekNdHLA> and crafts
>>>> Ham
>>>> <http://groups.yahoo.com/gads?
>>> t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=

>>>> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-
>>> gq6h7guAF
>>>> s73WsoQ> radio
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>>>> YAHOO! GROUPS LINKS
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>>> Yahoo! Groups Links
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>> SPONSORED LINKS
>> Hobby and craft supply Craft hobby Hobbies and crafts Ham
>> radio
>>
>> ---------------------------------
>> YAHOO! GROUPS LINKS
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>>
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> Yahoo! Groups Links
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1608. Re: [acom-list] Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 01:17:27 UTC
From: Ron NØAT
Topic: 1162 Message: 1608

I bought an Acom 1010 about a month ago. It arrived just a few days after I ordered it.

I had a few technical questions, so I sent an email to Acom. The reply came back in less than 24 hours. All of my questions were answered in a very detailed manner. Great response!

The amp works great. I especially like the ease in tuning it up. One of the first QSOs was RTTY with VK9CG. Unfortunately, propagation didn't cooperate so I didn't get to attempt to QSO VK9 on the low bands.

I plan to use the 1010 when I travel outside the country. I like the IEC line cord, but the voltage change jumpers could be a bit more convenient.

I'll be using my 2000A at home.

73 de Ron N?AT

----- Original Message -----
From: "Charlie, W0YG" <w0yg@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, November 24, 2005 07:04
Subject: [acom-list] Acom 1010

Just got back from VK9XG and VK9CG where I used the little Acom 1010 amplifier. It performed admirably without missing a beat. Wish the factory answered e-mails as well as their amps perform. They seem to ignore their mail, even where URGENT is used in the subject.

73,

Charlie, W0YG..>>

Yahoo! Groups Links

1609. Re: [acom-list] Re: responsiveness and service

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 02:08:59 UTC
From: Ken Waites
Topic: 1599 Message: 1609

Lets say ACOM ships one two amps per day, say 100 per year. If they hired someone to handle the phones, emails, inquiries to improve this area, that person would cost the, say $40K per year in New England. So, increase the price of the amps $400 each.
Suddenly the price of the amp is not so attractive, and they will only sell maybe 80 per year. So not the price has to be increased $500.

It makes their service look pretty good for this amp at this price.

Ken
----- Original Message -----
From: Jim Cox
To: acom-list@yahoogroups.com
Sent: Monday, November 28, 2005 6:02 PM
Subject: Re: [acom-list] Re: responsiveness and service

Yes, but what do you do when you call the telephone number, leave messages
on the answering machine and never get a return call? Jim K4JAF

----- Original Message -----
From: "Pat Twentythree" <w1ka8877@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, November 28, 2005 4:06 PM
Subject: Re: [acom-list] Re: responsiveness and service

>I am very happy with the service that I received from ACOM. Last summer, I
>sent them an email and a few days later I got a response to the questions
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>I called. On a Tuesday I FAX my order and a copy of my license and on
>Wednesday, I had my 2000A amplifier at my QTH.
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> I feel that you need to call them on the telephone and not depend on
> email. They are a small operation for a large area to cover and they offer
> an excellent product.
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> 73,
> Pat W1KA
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> Jim Cox <jcox123@...> wrote:
> Anyone who has had luck getting them to answer emails or returning phone
> calls has had better luck than I.
> Great product but customer service just aint up to par. Jim K4JAF
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> ----- Original Message -----
> From: "edctexas" <ed.cox@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, November 28, 2005 11:00 AM
> Subject: [acom-list] Re: responsiveness and service
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>> Mixed feelings about communicating with ACOM-USA. Emails are hit and
>> miss. I think that spam (the plague of plagues) is killing the
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>> sig=Sz
>>> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
>>> <http://groups.yahoo.com/gads?
>> t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
>>>
>> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQC
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>>> MzUUBx-hQ> hobby Hobbies
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>> t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
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>> J-__6L
>>> 1W_lZQ58dekNdHLA> and crafts
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>>> YAHOO! GROUPS LINKS
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>>>
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>>> <http://docs.yahoo.com/info/terms/> .
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[Non-text portions of this message have been removed]

1610. Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 13:28:50 UTC
From: chp8585
Topic: 1610 Message: 1610

Hello all, I recently purchased an Acom 1000. I use it with a Butternut Vertical antenna. I find that the amp works fine for an hour or 2 then will flash the "Hot Switching" message and shut down. I have checked the antenna and all connections seem tight. Its driving me crazy! cause it will work for a contact and then the next contact it will shut down and then will work again without anything being done to the antenna. Any Ideas? Thanks in advance.

Rich VA1CHP

1611. Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 15:14:23 UTC
From: Hans , PA3HGT
Topic: 1555 Message: 1611

Hello Wally,

Is the 2000 still for sale ?

Hans de PA3HGT

--- In acom-list@yahoogroups.com, "Barry " <w2up@m...> wrote:
>
> Wally,
> That's a real bargain. It won't last long at that price!
> 73,
> Barry W2UP
>
> On 1 Nov 2005 wally wrote:
>
> > I will sell my ACOM 2000A (manufactured 1999) for 2500 Euro plus
> > shipping charges ,if there are any takers after CQWW CW 2005.
> >
> > Make yourself a Xmas present :-)
> >
> > 73, de Wally LZ2CJ (LZ8T)
> >
> >
> > --- "Hans Remeeus" <hans@r...> íàïèñàíî:
> > > In our country the Acom 1000 costs around 2200 euro.
> >
> > > 73,
> > > Hans Remeeus (PA1HR)
> >
> >
> >
> > ---------- Yahoo! Groups Sponsor
> > ----------~--> Get fast access to your favorite Yahoo!
> > Groups. Make Yahoo! your home page
> > http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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> > Yahoo! Groups Links
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>
> --
> Barry Kutner, W2UP Internet: w2up@m...
> Newtown, PA Frankford Radio Club
>

1612. Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 16:50:56 UTC
From: edctexas
Topic: 1610 Message: 1612

I think the hot switching alarm occurs when the rig is putting out power when the "Key-In" line has not told the Amp to be putting out RF. Another way of looking at this is the Key-In tells the TR relays in the ACOM 1000 to switch from RX to TX. If the Key-In drops before the rig stops sending RF or is not asserted before the rig starts sending RF this alarm should occur.

Does your rig have a "TX-Inhibit" input for a Key-Out (from the amp) to feed? Another solution would be to use a device like the Microham MK router/keyer. This is a station upgrade that adds a "winkeyer" for CW and is like a deluxe rigblaster interface. But it incorporates a programmable PTT delay for the Amplifier. Drawback is that you need to use the computer to key the rig. The computer USB port tells the MK to key the PA then key the rig. On unkey the reverse happens. Rig unkeys, then the PA.

There are other possible solutions but these are starters for you. 73 es GL Ed KE3D

--- In acom-list@yahoogroups.com, "chp8585" <RP8585@e...> wrote:
>
> Hello all, I recently purchased an Acom 1000. I use it with a
> Butternut Vertical antenna. I find that the amp works fine for an
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> or 2 then will flash the "Hot Switching" message and shut down. I
have
> checked the antenna and all connections seem tight. Its driving me
> crazy! cause it will work for a contact and then the next contact it
> will shut down and then will work again without anything being done
to
> the antenna. Any Ideas? Thanks in advance.
>
> Rich VA1CHP
>

1613. Re: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 17:58:51 UTC
From: alsopb
Topic: 1610 Message: 1613

Don't know about the 1000 but on the 2000A, this message could also
caused by a sluggish or intermittent vacuum antenna relay.

If the 1000 is like the 2000a, the amp knows when the antenna switch
has closed. If it senses input RF before that, the hot switch error
shows up.

Other things to check. The 2000a vacuum is hot shotted with a higher
voltage initially to increase switch speed. I don't have the
schematic for this. Perhaps something may be wrong there too if the
1000a does the same.

Even without the inhibit line, I had no trouble with the 2000A when
used with an IC-706iig or an MP-1000.

73 de Brian/K3KO

edctexas wrote:
> I think the hot switching alarm occurs when the rig is putting out
> power when the "Key-In" line has not told the Amp to be putting out
> RF. Another way of looking at this is the Key-In tells the TR relays
> in the ACOM 1000 to switch from RX to TX. If the Key-In drops before
> the rig stops sending RF or is not asserted before the rig starts
> sending RF this alarm should occur.
>
> Does your rig have a "TX-Inhibit" input for a Key-Out (from the amp)
> to feed? Another solution would be to use a device like the Microham
> MK router/keyer. This is a station upgrade that adds a "winkeyer" for
> CW and is like a deluxe rigblaster interface. But it incorporates a
> programmable PTT delay for the Amplifier. Drawback is that you need
> to use the computer to key the rig. The computer USB port tells the
> MK to key the PA then key the rig. On unkey the reverse happens. Rig
> unkeys, then the PA.
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> There are other possible solutions but these are starters for you. 73
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> Yahoo! Groups Links
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1614. Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 17:58:11 UTC
From: Charlie, W0YG
Topic: 1610 Message: 1614

--- In acom-list@yahoogroups.com, "edctexas" <ed.cox@l...> wrote:
>
> I think the hot switching alarm occurs when the rig is putting out
> power when the "Key-In" line has not told the Amp to be putting
out
> RF. Another way of looking at this is the Key-In tells the TR
relays
> in the ACOM 1000 to switch from RX to TX. If the Key-In drops
before
> the rig stops sending RF or is not asserted before the rig starts
> sending RF this alarm should occur.
By coincidence I have been in contact with the Acom factory about a periodic ARC FAULT message I get with my Acom 1000 amplifier. They sent back some really juicy information that I would like to share with the group. I will see if I can post the pictures and the file that came with the e-mail after I post this message:

> --- In acom-list@yahoogroups.com, "chp8585" <RP8585@e...> wrote:
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contact it
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> > Rich VA1CHP

Now please look at the attached picture. Please check whether enough air gap is available between the most domed area of the plate-coil first winding (LP) and the lead electrode of the plate capacitor section CP2. The distance should be 0.2" minimum. If it is considerably smaller, an RF arc might flash over this gap at the modulation peaks.

To check the output relay for bounces, disconnect the amplifier input from the transceiver. Connect an electronic CW keyer to the

KEY-IN input. Go to operate mode and "transmit" a long series of dots and/or dashes. If the "Arc Fault" protection would trip in this conditions, most likely the antenna relay is bounicng too long and this trips the protection.

If you are using the "SEND" control output on the RCA jack of ICOM, I would suggest to change to the ACC connector as described in the attached file IC756cab.txt. This is an electronic output which gives the amplifier an additional timing margin in the beginning of a transmission. A better timing is achieved by the scheme shown in the IC746_Cable.jpg. It uses both outputs simultaneously: the ACC in the beginning, and the RCA "SEND" jack at the end of a transmission. The schematic is shown for IC-746 but it is valid for the whole IC-756 series.

Still another "Arc Fault" problem we know is with Ten-Tec ORION model. We resolved it by inserting a High-Pass filter between the transceiver output and the ACOM input. It appeared that a (small) parasitic emission from the transceiver in the LF range was misleading the ACOM protection. I have no such information concerning ICOM radios but I can give you the schematic and parts details of a simple but proven HP filter.

I hope this helps....

73,

Charlie, W0YG..>>

1615. RE: [acom-list] Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 18:22:54 UTC
From: G3SJJ
Topic: 1610 Message: 1615

Rich, before you tear the amp apart, are you fully sure Butternut is 100% working? Maybe one of the capacitors has broken down. A guy here in the UK had a similar problem which turned out to a capacitor.

I had an Arc Fault on my 1000 just before the end of CQWW and found a connection on my 80m gp and burnt out.

Chris G3SJJ

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of chp8585
Sent: 29 November 2005 13:29
To: acom-list@yahoogroups.com
Subject: [acom-list] Intermittent Hot Switching

Hello all, I recently purchased an Acom 1000. I use it with a Butternut Vertical antenna. I find that the amp works fine for an hour or 2 then will flash the "Hot Switching" message and shut down. I have checked the antenna and all connections seem tight. Its driving me crazy! cause it will work for a contact and then the next contact it will shut down and then will work again without anything being done to the antenna. Any Ideas? Thanks in advance.

Rich VA1CHP

Yahoo! Groups Links

1616. Hot Switching cont

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 18:27:15 UTC
From: chp8585
Topic: 1616 Message: 1616

Thanks to all who have responded. My equipment is as follows FT1000MKV using Rigblaster pro, Heil footswitch, writelog software. The Hot switching message occurs immediately on Transmit so maybe its the timing suggested by Ed. I have a Heil foot switch which utilizes a micro switch which enables the amp to key first but haven't used that connection, using the rig to amp connection as per the manual. I'll try the footswitch-amp connection and see if helps with the problem. Thanks again!!

Rich VA1CHP

1617. AW: [acom-list] Hot Switching cont

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 18:33:01 UTC
From: Carsten Esch
Topic: 1616 Message: 1617

... it is 99% that RF is coming out of the FT1000MKV too early. We had exactly the same problems when we prepared the stations for ZA1A. You can now easily check this with the Heil footswitch. After that I would make the following cable for the FT1000, thats what we did.
Here is the info: http://www.albany.net/~bg/Yaesu/MPAcom.htm

73ss

Carsten, DL6LAU

-----Urspr?ngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im Auftrag von chp8585
Gesendet: Dienstag, 29. November 2005 19:27
An: acom-list@yahoogroups.com
Betreff: [acom-list] Hot Switching cont

Thanks to all who have responded. My equipment is as follows FT1000MKV using Rigblaster pro, Heil footswitch, writelog software. The Hot switching message occurs immediately on Transmit so maybe its the timing suggested by Ed. I have a Heil foot switch which utilizes a micro switch which enables the amp to key first but haven't used that connection, using the rig to amp connection as per the manual. I'll try the footswitch-amp connection and see if helps with the problem. Thanks again!!

Rich VA1CHP

Yahoo! Groups Links

1618. RE: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 19:45:44 UTC
From: Neal Campbell
Topic: 1610 Message: 1618

Since I own an Orion with a 2000A I would definitely be interested in seeing the circuit diagram for the high-pass filter!

Neal k3nc

nealk3nc at <mailto:nealk3nc@...> peoplepc dot com

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Charlie, W0YG
Sent: Tuesday, November 29, 2005 5:58 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Intermittent Hot Switching

--- In acom-list@yahoogroups.com, "edctexas" <ed.cox@l...> wrote:
>
> I think the hot switching alarm occurs when the rig is putting out
> power when the "Key-In" line has not told the Amp to be putting out
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Now please look at the attached picture. Please check whether enough air gap is available between the most domed area of the plate-coil first winding (LP) and the lead electrode of the plate capacitor section CP2. The distance should be 0.2" minimum. If it is considerably smaller, an RF arc might flash over this gap at the modulation peaks.

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Still another "Arc Fault" problem we know is with Ten-Tec ORION model. We resolved it by inserting a High-Pass filter between the transceiver output and the ACOM input. It appeared that a (small) parasitic emission from the transceiver in the LF range was misleading the ACOM protection. I have no such information concerning ICOM radios but I can give you the schematic and parts details of a simple but proven HP filter.

I hope this helps....

73,

Charlie, W0YG..>>

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[Non-text portions of this message have been removed]

1619. AW: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-29 19:52:56 UTC
From: Carsten Esch
Topic: 1610 Message: 1619

... newer ORIONs (or ACOMs) do not show the problem any longer ... When you don't have the problem don't bother ... If you have contact the TenTec service department and they will ship you the filter ...

Carsten, DL6LAU

-----Ursprungliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im Auftrag von Neal Campbell
Gesendet: Dienstag, 29. November 2005 20:46
An: acom-list@yahoogroups.com
Betreff: RE: [acom-list] Re: Intermittent Hot Switching

Since I own an Orion with a 2000A I would definitely be interested in seeing the circuit diagram for the high-pass filter!

Neal k3nc

nealk3nc at <mailto:nealk3nc@...> peoplepc dot com

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Charlie, W0YG
Sent: Tuesday, November 29, 2005 5:58 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Intermittent Hot Switching

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

1620. RE: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-30 00:17:10 UTC
From: Bob Naumann - W5OV
Topic: 1610 Message: 1620

Shouldn't it be a *low* pass filter?

-----Original Message-----
From: Neal Campbell [mailto:nealk3nc@...]
Sent: Tuesday, November 29, 2005 1:46 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Intermittent Hot Switching

Since I own an Orion with a 2000A I would definitely be interested in seeing
the circuit diagram for the high-pass filter!

Neal k3nc

nealk3nc at <mailto:nealk3nc@...> peoplepc dot com

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Charlie, W0YG
Sent: Tuesday, November 29, 2005 5:58 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Intermittent Hot Switching

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Yahoo! Groups Links

1621. Re: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-30 02:16:03 UTC
From: Ken Waites
Topic: 1610 Message: 1621

It is the "Model 2203 High Pass Filter" whicn prevents any possible low level VLF oscillations from tripping fault circuitry. It has a cut off of about 1.7 Mhz, and fits between the Orion and the Acom.

----- Original Message -----
From: Bob Naumann - W5OV
To: acom-list@yahoogroups.com
Sent: Tuesday, November 29, 2005 6:17 PM
Subject: RE: [acom-list] Re: Intermittent Hot Switching

Shouldn't it be a *low* pass filter?

-----Original Message-----
From: Neal Campbell [mailto:nealk3nc@...]
Sent: Tuesday, November 29, 2005 1:46 PM
To: acom-list@yahoogroups.com
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Neal k3nc

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Still another "Arc Fault" problem we know is with Ten-Tec ORION model. We resolved it by inserting a High-Pass filter between the transceiver output and the ACOM input. It appeared that a (small) parasitic emission from the transceiver in the LF range was misleading the ACOM protection. I have no such information concerning ICOM radios but I can give you the schematic and parts details of a simple but proven HP filter.

I hope this helps....

73,

Charlie, W0YG..>>

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1622. RE: [acom-list] Re: Intermittent Hot Switching

Yahoo group: acom-list (1999 — 2009)
Date: 2005-11-30 03:47:29 UTC
From: Bob Naumann - W5OV
Topic: 1610 Message: 1622

Sorry - I was thinking of VHF parasitics. LF parasitics... Wow.

-----Original Message-----
From: Ken Waites [mailto:barbiekenw@...]
Sent: Tuesday, November 29, 2005 8:16 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Intermittent Hot Switching

It is the "Model 2203 High Pass Filter" whicn prevents any possible low
level VLF oscillations from tripping fault circuitry. It has a cut off of
about 1.7 Mhz, and fits between the Orion and the Acom.
----- Original Message -----
From: Bob Naumann - W5OV
To: acom-list@yahoogroups.com
Sent: Tuesday, November 29, 2005 6:17 PM
Subject: RE: [acom-list] Re: Intermittent Hot Switching

Shouldn't it be a *low* pass filter?

-----Original Message-----
From: Neal Campbell [mailto:nealk3nc@...]
Sent: Tuesday, November 29, 2005 1:46 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Intermittent Hot Switching

Since I own an Orion with a 2000A I would definitely be interested in
seeing
the circuit diagram for the high-pass filter!

Neal k3nc

nealk3nc at <mailto:nealk3nc@...> peoplepc dot com

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf
Of Charlie, W0YG
Sent: Tuesday, November 29, 2005 5:58 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Intermittent Hot Switching

--- In acom-list@yahoogroups.com, "edctexas" <ed.cox@l...> wrote:
>
> I think the hot switching alarm occurs when the rig is putting out
> power when the "Key-In" line has not told the Amp to be putting
out

> RF. Another way of looking at this is the Key-In tells the TR
relays
> in the ACOM 1000 to switch from RX to TX. If the Key-In drops
before
> the rig stops sending RF or is not asserted before the rig starts
> sending RF this alarm should occur.
By coincidence I have been in contact with the Acom factory about a
periodic
ARC FAULT message I get with my Acom 1000 amplifier. They sent back some
really juicy information that I would like to share with the group. I
will
see if I can post the pictures and the file that came with the e-mail
after
I post this message:

> --- In acom-list@yahoogroups.com, "chp8585" <RP8585@e...> wrote:
> >
> > Hello all, I recently purchased an Acom 1000. I use it with a
> > Butternut Vertical antenna. I find that the amp works fine for
an
> hour
> > or 2 then will flash the "Hot Switching" message and shut down.
I
> have
> > checked the antenna and all connections seem tight. Its driving
me
> > crazy! cause it will work for a contact and then the next
contact it
> > will shut down and then will work again without anything being
done
> to
> > the antenna. Any Ideas? Thanks in advance.
> >
> > Rich VA1CHP

Now please look at the attached picture. Please check whether enough air
gap
is available between the most domed area of the plate-coil first winding
(LP) and the lead electrode of the plate capacitor section CP2. The
distance
should be 0.2" minimum. If it is considerably smaller, an RF arc might
flash
over this gap at the modulation peaks.

To check the output relay for bounces, disconnect the amplifier input from
the transceiver. Connect an electronic CW keyer to the KEY-IN input. Go to
operate mode and "transmit" a long series of dots and/or dashes. If the
"Arc
Fault" protection would trip in this conditions, most likely the antenna
relay is bounicng too long and this trips the protection.

If you are using the "SEND" control output on the RCA jack of ICOM, I would
suggest to change to the ACC connector as described in the attached file
IC756cab.txt. This is an electronic output which gives the amplifier an
additional timing margin in the beginning of a transmission. A better timing
is achieved by the scheme shown in the IC746_Cable.jpg. It uses both outputs
simultaneously: the ACC in the beginning, and the RCA "SEND" jack at the end
of a transmission. The schematic is shown for IC-746 but it is valid for the
whole IC-756 series.

Still another "Arc Fault" problem we know is with Ten-Tec ORION model. We
resolved it by inserting a High-Pass filter between the transceiver output
and the ACOM input. It appeared that a (small) parasitic emission from the
transceiver in the LF range was misleading the ACOM protection. I have no
such information concerning ICOM radios but I can give you the schematic and
parts details of a simple but proven HP filter.

I hope this helps....

73,

Charlie, W0YG..>>

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1623. Hot Switching cont

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-01 17:32:21 UTC
From: chp8585
Topic: 1616 Message: 1623

Well I have used the Heil footswitch to activate the amp for the last 2 days with no "Hot Switching" indications. It looks like Carsten was correct. I'll be scrounging for some parts to build the cable. Many thanks for the help. I was going crazy trying to figure it out!

Rich VA1CHP

1624. RE: AW: [acom-list] Hot Switching cont

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-01 19:01:00 UTC
From: Howard Klein
Topic: 1616 Message: 1624

This was a problem I had as well with the Acom 2000A. The solution was the same as Carsten describes. Heil footswitch introduced just enough delay to permit smooth switching. In use several years now.I did not need a special cable.
Howard..K2HK

----Original Message Follows----
From: "Carsten Esch" <carsten.esch@...>
Reply-To: acom-list@yahoogroups.com
To: <acom-list@yahoogroups.com>
CC: <RP8585@...>
Subject: AW: [acom-list] Hot Switching cont
Date: Tue, 29 Nov 2005 19:33:01 +0100

... it is 99% that RF is coming out of the FT1000MKV too early. We had exactly the same problems when we prepared the stations for ZA1A. You can now easily check this with the Heil footswitch. After that I would make the following cable for the FT1000, thats what we did.
Here is the info: http://www.albany.net/~bg/Yaesu/MPAcom.htm

73ss

Carsten, DL6LAU

Thanks to all who have responded. My equipment is as follows
FT1000MKV using Rigblaster pro, Heil footswitch, writelog software.
The Hot switching message occurs immediately on Transmit so maybe its the timing suggested by Ed. I have a Heil foot switch which utilizes a micro switch which enables the amp to key first but haven't used that connection, using the rig to amp connection as per the manual. I'll try the footswitch-amp connection and see if helps with the problem.
Thanks again!!

Rich VA1CHP

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1625. 2000A software specification?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-07 13:30:58 UTC
From: N1EU
Topic: 1625 Message: 1625

Is there documentation available on the software specification for the serial interface to the Acom 2000A?

Thanks & 73,
Barry N1EU

1626. Re: 2000A software specification?

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-08 12:42:46 UTC
From: N1EU
Topic: 1625 Message: 1626

--- In acom-list@yahoogroups.com, "N1EU" <n1eu@y...> wrote:
>
> Is there documentation available on the software specification for the
> serial interface to the Acom 2000A?

I uploaded the software interface information that I located to the
files section of Yahoo Groups.

73,
Barry N1EU

1627. Re: newbe Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-12 21:03:31 UTC
From: pa7two
Topic: 1574 Message: 1627

Hi all ACOM users,

Hereby I would like to let you all know what happened with the
humming ACOM 1000 as listed below?

Cor (representative of ACOM in PA land) replaced the unit some weeks
after I notified him about the bad test results. A short test was
enough to show Cor the behaviour I mentioned. (And various e-mails to
ACOM, Stan was very very helpful.)

This new unit is a different piece of cake! This one does the REAL
1000 watts with 70 watts input on most of the bands as described in
the ACOM brochure and does not hum that bad as the previous amp.

I would like to express my thanks to Cor who solved this problem as
quick as possible, and would like to thank ACOM for the fast delivery
of the new amplifier to Cor.

73, de Kees PA7TWO - M5TWO

--- In acom-list@yahoogroups.com, "pa7two" <m5two@a...> wrote:
>
> Hi to all ACOM users!
>
> Just bought a ACOM 1000 unit a day ago and testing along on the HAM
> bands. A few questions raised:
>
> With the transformer taps set to 240 volts I got way too low
> power output (930 watt max), so first trials on a spinner dummyload
> gave me the following results:
>
> House mains is 222/223 volt. Test frequency is 14MHz. Bird
wattmeter,
> Revex wattmeter
>
> 230 volt taps:
> 2672 / 2704Volt (2288 when under load of 60 watts input),
> 50 watts in = 790 watts out
> 60 watts in = 957 watts out
>
> Still too low according to ACOM manual specs, so having taps set to
> 220 volt, the following results were noticed:
>
> 220 volt taps:
> 2784 volt (no load),
> 50 watt in = 830 watts out

> 60 watts in = 1016 watts out
> 90 watts in = 1250 watts out
>
> Much better results but.... when set to 220 volt, the AMP HV
> transformer HUMS so badly that I cannot use this setting..! So I
had
> to set the taps back to 230 volt....
>
> Can anyone tell me what I can expect from this amp when talking
about
> the specifications as outlined in the manual? I mean, is 1000+
watts
> with 50 watts drive into a 50 ohm dummyload expected or a 'typical'
> value?? Please tell me your findings.
>
> Looking forward to the replies,
>
> 73, de Kees - pa7two - m5two.
>

1628. Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-21 06:18:13 UTC
From: w0uce
Topic: 1628 Message: 1628

My Acom 2000A is driven by an ICOM 756 PROII. When operating full break in CW and I attempt to use a separate RX Antenna the Acom goes into Arc Fault following "Key Up" after the first dit or dah is sent. I can see a short (1/3 - 1/2 second) low level burst of RF on a cross needle SWR meter which causes the Acom to go into Arc Fault.

The same thing happens if the Acom is connected to a dummy load or transmit antenna. I am using a DX-Peditition II to key the Acom and the DXPII also feeds the separate RX antenna to the PROII's main antenna jack. I am not using the separate RX antenna input however I have tried using the RX antenna input and the problem persists.

When using the same antenna for TX/RX the problem does not occur.

If anyone knows what is causing the problem and has a fix for this I would greatly appreciate any suggestions or recommendations you can offer.

Thanks,
Jack W0UCE

1629. Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-21 12:42:54 UTC
From: alsopb
Topic: 1628 Message: 1629

Jack,

Bert mentioned this problem.

This sounds like the mysterious problem some had with the ORION (I think) It was traced down to a low freq signal being put out by the Orion on the coax. Some kind of filter was installed in the line which solved the problem. Later runs of the ORION had the filter built in.

Is it only the 756? Do you have the same problem with other rigs.

Perhaps you're picking up a broadcast station on the RX antenna and that's driving the freq counter input to the ACOM nuts. It doesn't take much power for this freq counter. I was fooling around with a less than 50mw Rockmite QRP rig. It drove the ACOM2000 just fine and the freq counter worked. Perhaps a broadcast band filter on the RX antenna would solve the problem. Have you a spare tuner you can plop into the RX antenna line to try filtering out signals outside the desired band?

73 de Brian/K3KO

w0uce wrote:
> My Acom 2000A is driven by an ICOM 756 PROII. When operating full
> break in CW and I attempt to use a separate RX Antenna the Acom goes
> into Arc Fault following "Key Up" after the first dit or dah is
> sent. I can see a short (1/3 - 1/2 second) low level burst of RF on
> a cross needle SWR meter which causes the Acom to go into Arc Fault.
>
> The same thing happens if the Acom is connected to a dummy load or
> transmit antenna. I am using a DX-Pedition II to key the Acom and
> the DXPII also feeds the separate RX antenna to the PROII's main
> antenna jack. I am not using the separate RX antenna input however
> I have tried using the RX antenna input and the problem persists.
>
> When using the same antenna for TX/RX the problem does not occur.
>
> If anyone knows what is causing the problem and has a fix for this I
> would greatly appreciate any suggestions or recommendations you can
> offer.
>
> Thanks,
> Jack W0UCE
>

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1630. Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-21 15:17:58 UTC
From: Ken Waites
Topic: 1628 Message: 1630

Such a prob existed in the past with early serial numbered ACOMs when used with TenTec. TenTec sent out a high pass filter to fix the problem, with cut off of 1.7 Mhz. It fits between exciter and amp. It may be that ICOM will supply such a filter. Otherwise contact Array Solutions WX0B as they have such a product.
Ken K5WK
----- Original Message -----
From: w0uce
To: acom-list@yahoogroups.com
Sent: Wednesday, December 21, 2005 12:18 AM
Subject: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

My Acom 2000A is driven by an ICOM 756 PROII. When operating full break in CW and I attempt to use a separate RX Antenna the Acom goes into Arc Fault following "Key Up" after the first dit or dah is sent. I can see a short (1/3 - 1/2 second) low level burst of RF on a cross needle SWR meter which causes the Acom to go into Arc Fault.

The same thing happens if the Acom is connected to a dummy load or transmit antenna. I am using a DX-Peditition II to key the Acom and the DXPII also feeds the separate RX antenna to the PROII's main antenna jack. I am not using the separate RX antenna input however I have tried using the RX antenna input and the problem persists.

When using the same antenna for TX/RX the problem does not occur.

If anyone knows what is causing the problem and has a fix for this I would greatly appreciate any suggestions or recommendations you can offer.

Thanks,
Jack W0UCE

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1631. AW: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-21 15:24:48 UTC
From: Carsten Esch
Topic: 1628 Message: 1631

... I don't think a filter will help. 'For some reason' it seems that the ICOM is putting RF out too early when you use a separate RX antenna. How is the keying 'loop' done? Is the error also there without the DX-Peditition II?

73sss

Carsten, DL6LAU

-----Ursprungliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im Auftrag von Ken Waites
Gesendet: Mittwoch, 21. Dezember 2005 16:18
An: acom-list@yahoogroups.com
Betreff: Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Such a prob existed in the past with early serial numbered ACOMs when used with TenTec. TenTec sent out a high pass filter to fix the problem, with cut off of 1.7 Mhz. It fits between exciter and amp. It may be that ICOM will supply such a filter. Otherwise contact Array Solutions WX0B as they have such a product.
Ken K5WK
----- Original Message -----
From: w0uce
To: acom-list@yahoogroups.com
Sent: Wednesday, December 21, 2005 12:18 AM
Subject: [acom-list] Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

My Acom 2000A is driven by an ICOM 756 PROII. When operating full break in CW and I attempt to use a separate RX Antenna the Acom goes into Arc Fault following "Key Up" after the first dit or dah is sent. I can see a short (1/3 - 1/2 second) low level burst of RF on a cross needle SWR meter which causes the Acom to go into Arc Fault.

The same thing happens if the Acom is connected to a dummy load or transmit antenna. I am using a DX-Peditition II to key the Acom and the DXPII also feeds the separate RX antenna to the PROII's main antenna jack. I am not using the separate RX antenna input however I have tried using the RX antenna input and the problem persists.

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If anyone knows what is causing the problem and has a fix for this I would greatly appreciate any suggestions or recommendations you can offer.

Thanks,
Jack W0UCE

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1632. Arc Fault when using separate RX antenna - Clarification

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-22 14:39:44 UTC
From: w0uce
Topic: 1632 Message: 1632

Thanks to those of you who responded with suggestions.

For clarification, the problem I am experiencing is on "KEY UP" operating CW. An external cross needle SWR meter shows a low level RF Spike lasting about 1/3 to 1/2 second after a key or keyer completes sending the first dit or dah.

I am using a KD9SV DX-Pedition II to key the amp and the DXPII allows selection of up to 4 separate RX Antennas. The problem persists with the DXP-II in line and also when the DXP-II is not in line and a separate RX antenna is connected to the RX antenna jack on the back of the Icom 756 PRO II.

The problem occurs if the amp is connected to an Antenna and also when the amp is connected to a dummy load which suggests the problem is being caused by a spike coming from the Pro II.

I contacted one of the Icom service centers and the Tech said he was not aware of any spike problem and advised me to contact Icom America which I did; they have not yet responded.

Several people have also suggested the problem could be low level RF coming from a broadcast station and the Acom fault detect is triggering the Arc fault. Installing a high pass filter between the PROII and Acom has been suggested as a way to solve the problem.

If anyone has other ideas after reading this "clarification" I would appreciate any and all opinions and suggestions.

Thanks,
Jack W0UCE

1633. RE: [acom-list] Arc Fault when using separate RX antenna - Clarification

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-22 16:05:40 UTC
From: Bob Naumann - W5OV
Topic: 1632 Message: 1633

In your first message you said:

"When using the same antenna for TX/RX the problem does not occur. "

I read that to mean that you don't use the KD9SV box then - is that right? This would be just the 756 ProII connected to your Acom - am I reading that right?

Assuming that I am interpreting that correctly; if you don't see this "spike" without the KD9SV device, wouldn't that mean that the radio is *not* the cause and perhaps the KD9SV box is the more likely suspect?

I would rather suspect something in your interconnection of these devices and perhaps the way the KD9SV box is keying the amp - may be causing a key down condition to be fed back into the ProII somehow - rather than the radio continuing to put out a signal when it shouldn't.

How do you have all this stuff wired up? Have you communicated with KD9SV about this?

I would look there and leave the Icom alone - again, presuming you don't see this behavior without the KD9SV box.

73,

Bob W5OV

-----Original Message-----
From: w0uce [mailto:w0uce@...]
Sent: Thursday, December 22, 2005 8:40 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Arc Fault when using separate RX antenna - Clarification

Thanks to those of you who responded with suggestions.

For clarification, the problem I am experiencing is on "KEY UP" operating CW. An external cross needle SWR meter shows a low level RF Spike lasting about 1/3 to 1/2 second after a key or keyer completes sending the first dit or dah.

I am using a KD9SV DX-Pedition II to key the amp and the DXPII allows selection of up to 4 separate RX Antennas. The problem persists with the DXP-II in line and also when the DXP-II is not in line and a separate RX antenna is connected to the RX antenna jack on the back of the Icom 756 PRO II.

The problem occurs if the amp is connected to an Antenna and also when the amp is connected to a dummy load which suggests the problem is being caused by a spike coming from the Pro II.

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If anyone has other ideas after reading this "clarification" I would appreciate any and all opinions and suggestions.

Thanks,
Jack W0UCE

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1634. RE: [acom-list] Arc Fault when using separate RX antenna - Clarification

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-22 16:26:50 UTC
From: Bob Naumann - W5OV
Topic: 1632 Message: 1634

I have been looking at the KD9SV device ads and it says a couple things:

"Contains "Soft keying" circuitry with Linear Amplifier keying Relay."

"Compatible with both QSK and non-QSK amplifiers"

Probably needs more investigation.

-W5OV

-----Original Message-----
From: Bob Naumann - W5OV [mailto:W5OV@...]
Sent: Thursday, December 22, 2005 10:06 AM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Arc Fault when using separate RX antenna - Clarification

In your first message you said:

"When using the same antenna for TX/RX the problem does not occur. "

I read that to mean that you don't use the KD9SV box then - is that right? This would be just the 756 ProII connected to your Acom - am I reading that right?

Assuming that I am interpreting that correctly; if you don't see this "spike" without the KD9SV device, wouldn't that mean that the radio is *not* the cause and perhaps the KD9SV box is the more likely suspect?

I would rather suspect something in your interconnection of these devices and perhaps the way the KD9SV box is keying the amp - may be causing a key down condition to be fed back into the ProII somehow - rather than the radio continuing to put out a signal when it shouldn't.

How do you have all this stuff wired up? Have you communicated with KD9SV about this?

I would look there and leave the Icom alone - again, presuming you don't see this behavior without the KD9SV box.

73,

Bob W5OV

-----Original Message-----
From: w0uce [mailto:w0uce@...]
Sent: Thursday, December 22, 2005 8:40 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Arc Fault when using separate RX antenna -

Clarification

Thanks to those of you who responded with suggestions.

For clarification, the problem I am experiencing is on "KEY UP" operating CW. An external cross needle SWR meter shows a low level RF Spike lasting about 1/3 to 1/2 second after a key or keyer completes sending the first dit or dah.

I am using a KD9SV DX-Pedition II to key the amp and the DXPII allows selection of up to 4 separate RX Antennas. The problem persists with the DXP-II in line and also when the DXP-II is not in line and a separate RX antenna is connected to the RX antenna jack on the back of the Icom 756 PRO II.

The problem occurs if the amp is connected to an Antenna and also when the amp is connected to a dummy load which suggests the problem is being caused by a spike coming from the Pro II.

I contacted one of the Icom service centers and the Tech said he was not aware of any spike problem and advised me to contact Icom America which I did; they have not yet responded.

Several people have also suggested the problem could be low level RF coming from a broadcast station and the Acom fault detect is triggering the Arc fault. Installing a high pass filter between the PROII and Acom has been suggested as a way to solve the problem.

If anyone has other ideas after reading this "clarification" I would appreciate any and all opinions and suggestions.

Thanks,
Jack W0UCE

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----------~->

Yahoo! Groups Links

1635. [acom-list] Arc Fault when using separate RX antenna

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-22 22:11:56 UTC
From: Howard Klein
Topic: 1632 Message: 1635

I had a similiar experience with a Mark V and the KD9SV switch. Not implying the switch was the problem since I had the fault problem without the switch. When I added the Heil footswitch, it cured the timing problem and the fault. Just my experience.
Howard..K2HK

1636. registryfile

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-23 06:56:03 UTC
From: Hans , PA3HGT
Topic: 1636 Message: 1636

Hello,

Can someone help me to send me the registryfile for to reset the
visual settings for Acom-software ?
The link in the FAQ is not working and at the moment is the software
invisible on my desktop when i start the Acom-program.

Thanks in advance !

Hans

1637. Re: Arc Fault when using separate RX antenna - Clarification

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-23 18:41:21 UTC
From: Vagn H. Jeppesen
Topic: 1632 Message: 1637

Hi Jack..
Below find mail I have received from ACOM - BG
I am soon going to use my IC7800 in connection with ACOM 2000A
ACOM 2000S and ACOM2000SW

Vy 73 Merry X-Mas OZ3DX Van

****
----Original Message-----
From: acom@... [mailto:acom@mail.orbitel.bg]
Sent: Wednesday, December 21, 2005 6:55 PM
To: Vagn H. Jeppesen
Subject: Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when
using beverage RX Antennas]

Dear Vagn,

We have had a problem with Ten-Tec ORION nearly a year ago. We
resolved it with the kind collaboration of Ten-Tec by introducing a
High-Pass Filter between the ORION output and the ACOM input.

I suppose that similar problem could arise if any LV/VLF spur is
generated in the ICOM/ACOM system when a 20-dB or more pre-amplifier
and additional antenna is included in the RF loop there by DX-
Peditition II. It could appear for instance during the periods of
RX/TX switching over and it could be not present during constant RX
or TX regimes. Unfortunately, we do not have this device available
to investigate it. It would be of use if you could give us some
details or schematic diagram.

In case that you would see a similar problem, you may try using a
HPF in a similar way. Please find zipped a Word file describing a
proven 1.7MHz High-Pass filter. You may try to place one between the
ACOM RF input and the YAESU antenna output. Alternatively, you may
try the commercially found DUNESTAR 400-HPF model.

Please inform me again.

73 Stan LZ1IU
Sofia, 21 December 2005.

****
--- In acom-list@yahoogroups.com, "w0uce" <w0uce@n...> wrote:
>
> Thanks to those of you who responded with
suggestions.
>

> For clarification, the problem I am experiencing is on "KEY UP"
> operating CW. An external cross needle SWR meter shows a low
level RF
> Spike lasting about 1/3 to 1/2 second after a key or keyer
completes
> sending the first dit or dah.
>
> I am using a KD9SV DX-Pedition II to key the amp and the DXPII
allows
> selection of up to 4 separate RX Antennas. The problem persists
with
> the DXP-II in line and also when the DXP-II is not in line and a
> separate RX antenna is connected to the RX antenna jack on the
back of
> the Icom 756 PRO II.
>
> The problem occurs if the amp is connected to an Antenna and also
when
> the amp is connected to a dummy load which suggests the problem is
> being caused by a spike coming from the Pro II.
>
> I contacted one of the Icom service centers and the Tech said he
was
> not aware of any spike problem and advised me to contact Icom
America
> which I did; they have not yet responded.
>
> Several people have also suggested the problem could be low level
RF
> coming from a broadcast station and the Acom fault detect is
> triggering the Arc fault. Installing a high pass filter between
the
> PROII and Acom has been suggested as a way to solve the problem.
>
> If anyone has other ideas after reading this "clarification" I
would
> appreciate any and all opinions and suggestions.
>
> Thanks,
> Jack W0UCE
>

1638. Want to Purchase Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-27 00:15:46 UTC
From: Joe N9VX
Topic: 1638 Message: 1638

Hello to all in the group, I just joined and am looking for a used Acom 1000.

Thanks and 73,

Joe N9VX

1639. Re: Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-27 04:02:27 UTC
From: w0uce
Topic: 1628 Message: 1639

Carsten:

Yes the problem occurs with or without the DX-Pediton II in line or not.

73,
Jack

--- In acom-list@yahoogroups.com, "Carsten Esch" <carsten.esch@a...> wrote:
>
> ... I don't think a filter will help. 'For some reason' it seems that the
> ICOM is putting RF out too early when you use a separate RX antenna. How is
> the keying 'loop' done? Is the error also there without the DX-Peditition
> II?
>
> 73sss
>
> Carsten, DL6LAU
>
> -----Ursprungliche Nachricht-----
> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
> Auftrag von Ken Waites
> Gesendet: Mittwoch, 21. Dezember 2005 16:18
> An: acom-list@yahoogroups.com
> Betreff: Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when using
> beverage RX Antennas
>
>
> Such a prob existed in the past with early serial numbered ACOMs when used
> with TenTec. TenTec sent out a high pass filter to fix the problem, with
> cut off of 1.7 Mhz. It fits between exciter and amp. It may be that ICOM
> will supply such a filter. Otherwise contact Array Solutions WX0B as they
> have such a product.
> Ken K5WK
> ----- Original Message -----

> From: w0uce
> To: acom-list@yahoogroups.com
> Sent: Wednesday, December 21, 2005 12:18 AM
> Subject: [acom-list] Acom Arc Fault with Icom 756 PRO II when
using
> beverage RX Antennas
>
>
> My Acom 2000A is driven by an ICOM 756 PROII. When operating
full
> break in CW and I attempt to use a separate RX Antenna the Acom
goes
> into Arc Fault following "Key Up" after the first dit or dah is
> sent. I can see a short (1/3 - 1/2 second) low level burst of RF
on
> a cross needle SWR meter which causes the Acom to go into Arc
Fault.
>
> The same thing happens if the Acom is connected to a dummy load
or
> transmit antenna. I am using a DX-Peditition II to key the Acom
and
> the DXPII also feeds the separate RX antenna to the PROII's main
> antenna jack. I am not using the separate RX antenna input
however
> I have tried using the RX antenna input and the problem persists.
>
> When using the same antenna for TX/RX the problem does not occur.
>
> If anyone knows what is causing the problem and has a fix for
this I
> would greatly appreciate any suggestions or recommendations you
can
> offer.
>
> Thanks,
> Jack W0UCE
>
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> --
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "acom-list" on the web.
>
> b.. To unsubscribe from this group, send an email to:

> acom-list-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> Service.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1640. RE: [acom-list] Re: Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Yahoo group: acom-list (1999 — 2009)
Date: 2005-12-27 13:53:41 UTC
From: Bob Naumann - W5OV
Topic: 1628 Message: 1640

Jack,

What did you mean when you said:

"When using the same antenna for TX/RX the problem does not occur. "

73,

Bob W5OV

-----Original Message-----
From: w0uce [mailto:w0uce@...]
Sent: Monday, December 26, 2005 10:02 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom Arc Fault with Icom 756 PRO II when using beverage RX Antennas

Carsten:

Yes the problem occurs with or without the DX-Pediton II in line or not.

73,
Jack

--- In acom-list@yahoogroups.com, "Carsten Esch" <carsten.esch@a...> wrote:
>
> ... I don't think a filter will help. 'For some reason' it seems that the
> ICOM is putting RF out too early when you use a separate RX antenna. How is
> the keying 'loop' done? Is the error also there without the DX-Peditition
> II?
>
> 73sss
>
> Carsten, DL6LAU
>
> -----Ursprungliche Nachricht-----
> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
> Auftrag von Ken Waites
> Gesendet: Mittwoch, 21. Dezember 2005 16:18
> An: acom-list@yahoogroups.com
> Betreff: Re: [acom-list] Acom Arc Fault with Icom 756 PRO II when using

> beverage RX Antennas
>
>
> Such a prob existed in the past with early serial numbered ACOMs
when used
> with TenTec. TenTec sent out a high pass filter to fix the
problem, with
> cut off of 1.7 Mhz. It fits between exciter and amp. It may be
that ICOM
> will supply such a filter. Otherwise contact Array Solutions WX0B
as they
> have such a product.
> Ken K5WK
> ----- Original Message -----
> From: w0uce
> To: acom-list@yahoogroups.com
> Sent: Wednesday, December 21, 2005 12:18 AM
> Subject: [acom-list] Acom Arc Fault with Icom 756 PRO II when
using
> beverage RX Antennas
>
>
> My Acom 2000A is driven by an ICOM 756 PROII. When operating
full
> break in CW and I attempt to use a separate RX Antenna the Acom
goes
> into Arc Fault following "Key Up" after the first dit or dah is
> sent. I can see a short (1/3 - 1/2 second) low level burst of RF
on
> a cross needle SWR meter which causes the Acom to go into Arc
Fault.
>
> The same thing happens if the Acom is connected to a dummy load
or
> transmit antenna. I am using a DX-Peditition II to key the Acom
and
> the DXPII also feeds the separate RX antenna to the PROII's main
> antenna jack. I am not using the separate RX antenna input
however
> I have tried using the RX antenna input and the problem persists.
>
> When using the same antenna for TX/RX the problem does not occur.
>
> If anyone knows what is causing the problem and has a fix for
this I
> would greatly appreciate any suggestions or recommendations you
can
> offer.
>
> Thanks,

> Jack W0UCE
>
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> --

> --
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "acom-list" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> Service.
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1641. ACOM 1000 & TS-2000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-04 21:34:22 UTC
From: Gus
Topic: 1641 Message: 1641

Am connecting my Kenwood TS-2000 to the ACOM 1000. Has anyone else done this?

If so, I suspect that the Amp KEY-IN is from the TS-2000 REMOTE pin 2 (gnd-common) to pin 4 (center on RCA phono plug).

Has anyone used the Amp KEY-OUT to connect with the TS-2000 REMOTE pin 2 (gnd-common) to pin 5 (center on RCA phono plug)?

73/gus KR4K

1642. Re: ACOM 1000 & TS-2000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 14:15:08 UTC
From: edctexas
Topic: 1641 Message: 1642

I have not used the ACOM with the TS2000 but I am familiar with it. You should not need the "Key-Out" connection for the Kenwood. The connection for the "Key-In" seems correct. That is the "PTT-Out" of the Kenwood going to the "Key-In" of the ACOM. You should not need any other connection other than the RF.

The Key-Out comes from the Amp and is used to prevent the rig from outputing RF until the AMP has switched The input to the amp and the amp to the antenna. Some Rigs like the Ten-Tecs use this keying loop to help them in QSK CW. You shouldn't need this connection.

You'll like the quick tune up. The only thing that is faster in tuning is an automatic tuning like the 2000A. Welcome to the ACOM group and family. I love my amp. 73 Ed KE3D

--- In acom-list@yahoogroups.com, "Gus" <gklott@y...> wrote:
>
> Am connecting my Kenwood TS-2000 to the ACOM 1000. Has anyone else
> done this?
>
> If so, I suspect that the Amp KEY-IN is from the TS-2000 REMOTE pin 2
> (gnd-common) to pin 4 (center on RCA phono plug).
>
> Has anyone used the Amp KEY-OUT to connect with the TS-2000 REMOTE
pin
> 2 (gnd-common) to pin 5 (center on RCA phono plug)?
>
> 73/gus KR4K
>

1643. Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 16:40:31 UTC
From: kg4lru@aol.com
Topic: 1643 Message: 1643

I been playing with the Acom Tools software , Trying to get the software to turn the amp ON with no success, also theirs mention that Gerry Hulls description might be Helpful and additional card? may be required. Any body have any success getting their acom to turn using the software also I have had sporadic errors on the auto tune feature and auto shutdowns . I am using XP operating system the switch everything else seems to work ok. If their a magic fix or better program to run the amp Please fill me in.

Phil AI4DQ

[Non-text portions of this message have been removed]

1644. Re: [acom-list] 1000 & 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 16:42:44 UTC
From: Bill NY9H
Topic: 1641 Message: 1644

Happy New Year to all you FILAMENT WARMERS & CATHODE COOKERS...

BILL NY9H a happy 2000a users...
even though the 2000a warms the room below my shack !!!!

1645. Re: Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 19:26:26 UTC
From: edctexas
Topic: 1643 Message: 1645

The little bit I played with the tools software showed several short comings. The first is that the remote start and remote stop didn't seem to work (or I'm stupid). The next thing is that once the software is talking to the amp, the amp can't be shutdown or started with the cable connected to an active PC.

Some of the other stuff seems slightly buggy to me. Perhaps I'm too dense to understand the documentation. I can understand the amp manual but not the software.

I have managed to get the comm port to commmand the amp to change tuning segments. I hope to have the radio talk to a PIC micro which will command the amp to follow. I just like the idea of the amp being on the right band segment before keying I guess. Perhaps I can try remote tuning but no success with ACOM TOOls.

Hope that the bleak review helps. What been done is cool but in my opinion it is still a work in progress. 73 Ed KE3D

--- In acom-list@yahoogroups.com, kg4lru@a... wrote:
>
> I been playing with the Acom Tools software , Trying to get the software to
> turn the amp ON with no success, also theirs mention that Gerry Hulls
> description might be Helpful and additional card? may be required. Any body have
> any success getting their acom to turn using the software also I have had
> sporadic errors on the auto tune feature and auto shutdowns . I am using XP
> operating system the switch everything else seems to work ok. If their a magic fix
> or better program to run the amp Please fill me in.
>
>
> Phil AI4DQ
>
>
> [Non-text portions of this message have been removed]
>

1646. Re: [acom-list] Re: Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 20:51:49 UTC
From: Barry
Topic: 1643 Message: 1646

Acom Tools was written by a Bulgarian about 5-6 years ago. It works fine on my Win98 system, but doesn't work on my XP system. I've asked both Acom and the programmer about an update. Without going into details, they are no longer talking to each other due to some "miscommunications."

A few years later, Gerry, W1VE, began writing a control program for the amp. He promised it "shortly" several times. For reasons only Gerry can answer, it was never released.

Currently, we have a great amp that can be further enhanced with some software, yet that software doesn't exist and to the best of my knowledge is not being written. It's a shame...

Barry, W2UP

edctexas wrote:

>The little bit I played with the tools software showed several short
>comings. The first is that the remote start and remote stop didn't
>seem to work (or I'm stupid). The next thing is that once the
>software is talking to the amp, the amp can't be shutdown or started
>with the cable connected to an active PC.
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>Some of the other stuff seems slightly buggy to me. Perhaps I'm too
>dense to understand the documentation. I can understand the amp
>manual but not the software.
>
>I have managed to get the comm port to commmand the amp to change
>tuning segments. I hope to have the radio talk to a PIC micro which
>will command the amp to follow. I just like the idea of the amp
>being on the right band segment before keying I guess. Perhaps I
>can try remote tuning but no success with ACOM TOOls.
>
>Hope that the bleak review helps. What been done is cool but in my
>opinion it is still a work in progress. 73 Ed KE3D
>
>
>--- In acom-list@yahoogroups.com, kg4lru@a... wrote:
>
>
>>I been playing with the Acom Tools software , Trying to get the
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>>
>software to

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>>turn the amp ON with no success, also theirs mention that Gerry
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>>
>Hulls
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>
>>description might be Helpful and additional card? may be required.
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>Any body have
>
>
>>any success getting their acom to turn using the software also I
>>
>>
>have had
>
>
>>sporadic errors on the auto tune feature and auto shutdowns . I
>>
>>
>am using XP
>
>
>>operating system the switch everything else seems to work ok. If
>>
>>
>their a magic fix
>
>
>>or better program to run the amp Please fill me in.
>>
>>
>>Phil AI4DQ
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>>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links

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Barry Kutner, W2UP
Newtown, PA

1647. Re: [acom-list] Re: Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 20:55:25 UTC
From: Gerard Jendraszkiewicz
Topic: 1643 Message: 1647

Barry wrote:

>Acom Tools was written by a Bulgarian about 5-6 years ago. It works
>fine on my Win98 system, but doesn't work on my XP system. I've asked
>both Acom and the programmer about an update. Without going into
>details, they are no longer talking to each other due to some
>"miscommunications."
>
>A few years later, Gerry, W1VE, began writing a control program for the
>amp. He promised it "shortly" several times. For reasons only Gerry
>can answer, it was never released.
>
>Currently, we have a great amp that can be further enhanced with some
>software, yet that software doesn't exist and to the best of my
>knowledge is not being written. It's a shame...
>
>Barry, W2UP
>
>edctexas wrote:
>
>
>
>>The little bit I played with the tools software showed several short
>>comings. The first is that the remote start and remote stop didn't
>>seem to work (or I'm stupid). The next thing is that once the
>>software is talking to the amp, the amp can't be shutdown or started
>>with the cable connected to an active PC.
>>
>>Some of the other stuff seems slightly buggy to me. Perhaps I'm too
>>dense to understand the documentation. I can understand the amp
>>manual but not the software.
>>
>>I have managed to get the comm port to commmand the amp to change
>>tuning segments. I hope to have the radio talk to a PIC micro which
>>will command the amp to follow. I just like the idea of the amp
>>being on the right band segment before keying I guess. Perhaps I
>>can try remote tuning but no success with ACOM TOOls.
>>
>>Hope that the bleak review helps. What been done is cool but in my
>>opinion it is still a work in progress. 73 Ed KE3D
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>>--- In acom-list@yahoogroups.com, kg4lru@a... wrote:
>>

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>>
>>>I been playing with the Acom Tools software , Trying to get the
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>>>turn the amp ON with no success, also theirs mention that Gerry
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>>>description might be Helpful and additional card? may be required.
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>>Any body have
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>>>any success getting their acom to turn using the software also I
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>>>sporadic errors on the auto tune feature and auto shutdowns . I
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>>>operating system the switch everything else seems to work ok. If
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>>their a magic fix
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>>>or better program to run the amp Please fill me in.
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>>>Phil AI4DQ
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>>>[Non-text portions of this message have been removed]
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>>Yahoo! Groups Links
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>
Hello Everyone,

Is there some listing for the 2000A that has the communication protocol
? I might take a crack at it in Visual Basic. I am a new 2000A owner,
inherited from my dad N9QX (SK). Ideas ?? Comments ??

73, Jerry, KE9I

1648. Re: [acom-list] Re: Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 21:13:56 UTC
From: Mel Whitten
Topic: 1643 Message: 1648

ACOM tools executes ok my XP OS here. It is clunky software. And I can't understand why the bit rate
is so slow on the serial port which causes the "seconds" delay for measurements. Strange. Perhaps,
I don't fully understand how to get full functionality out of it.

I did not add another card for AC control, perhaps that doesn't work in XP as I did not try it.
I found the software more of a novelty than of any real use. Yes, hopefully a code writer will buy one
of these someday!

Mel
k0pfx
----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Friday, January 06, 2006 2:51 PM
Subject: Re: [acom-list] Re: Acom Tools software switching 2000A ON from Computer control

Acom Tools was written by a Bulgarian about 5-6 years ago. It works
fine on my Win98 system, but doesn't work on my XP system. I've asked
both Acom and the programmer about an update. Without going into
details, they are no longer talking to each other due to some
"miscommunications."

A few years later, Gerry, W1VE, began writing a control program for the
amp. He promised it "shortly" several times. For reasons only Gerry
can answer, it was never released.

Currently, we have a great amp that can be further enhanced with some
software, yet that software doesn't exist and to the best of my
knowledge is not being written. It's a shame...

Barry, W2UP

edctexas wrote:

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>comings. The first is that the remote start and remote stop didn't
>seem to work (or I'm stupid). The next thing is that once the
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>with the cable connected to an active PC.
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>tuning segments. I hope to have the radio talk to a PIC micro which
>will command the amp to follow. I just like the idea of the amp
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>
>Hope that the bleak review helps. What been done is cool but in my
>opinion it is still a work in progress. 73 Ed KE3D
>
>
>--- In acom-list@yahoogroups.com, kg4lru@a... wrote:
>
>
>>I been playing with the Acom Tools software , Trying to get the
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>>
>software to
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>
>>turn the amp ON with no success, also theirs mention that Gerry
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>Hulls
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>
>>description might be Helpful and additional card? may be required.
>>
>>
>Any body have
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>
>>any success getting their acom to turn using the software also I
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>have had
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>
>>sporadic errors on the auto tune feature and auto shutdowns . I
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>>
>am using XP
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>
>>operating system the switch everything else seems to work ok. If
>>
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>their a magic fix

>
>
>>or better program to run the amp Please fill me in.
>>
>>
>>Phil AI4DQ
>>
>>
>>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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Barry Kutner, W2UP
Newtown, PA

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Ham radio

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[Non-text portions of this message have been removed]

1649. Re: [acom-list] Re: Acom Tools software switching 2000A ON from Computer control

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-06 21:47:27 UTC
From: alsopb
Topic: 1643 Message: 1649

Gerald,

This was my idea quite a few years ago. I've written quite a bit of rig control software.

The specs are available on a xcel spreadsheet for some odd reason. I don't have them any more. They are incomplete and have no attached explanations.

My conclusions:
1) The control of the ACOM is not like any rig you've experienced.
2) The goofy networking (very non standard) and network care and feeding introduce untold problems including those of timing.

What really is needed is a rewrite of the ACOM ROM software to accept input like rig control commands. Also it would help if the acom also accepted some binary switch inputs in addition to COM (USB?) port commands.

I could never do anything really simple like move to a new band segment via com port control.

There are basic examples out there which do some simple things.

Good luck if you attempt this route. It was beyond my abilities. Given the several failures of more accomplished programmers, I don't feel too bad.

73 de Brian/K3KO

Gerard Jendraszkiewicz wrote:
> Barry wrote:
>
>
>>Acom Tools was written by a Bulgarian about 5-6 years ago. It works
>>fine on my Win98 system, but doesn't work on my XP system. I've asked
>>both Acom and the programmer about an update. Without going into
>>details, they are no longer talking to each other due to some
>>"miscommunications."
>>
>>A few years later, Gerry, W1VE, began writing a control program for the
>>amp. He promised it "shortly" several times. For reasons only Gerry
>>can answer, it was never released.
>>
>>Currently, we have a great amp that can be further enhanced with some
>>software, yet that software doesn't exist and to the best of my

>>knowledge is not being written. It's a shame...
>>
>>Barry, W2UP
>>
>>edctexas wrote:
>>
>>
>>
>>
>>>The little bit I played with the tools software showed several short
>>>comings. The first is that the remote start and remote stop didn't
>>>seem to work (or I'm stupid). The next thing is that once the
>>>software is talking to the amp, the amp can't be shutdown or started
>>>with the cable connected to an active PC.
>>>
>>>Some of the other stuff seems slightly buggy to me. Perhaps I'm too
>>>dense to understand the documentation. I can understand the amp
>>>manual but not the software.
>>>
>>>I have managed to get the comm port to commmand the amp to change
>>>tuning segments. I hope to have the radio talk to a PIC micro which
>>>will command the amp to follow. I just like the idea of the amp
>>>being on the right band segment before keying I guess. Perhaps I
>>>can try remote tuning but no success with ACOM TOOls.
>>>
>>>Hope that the bleak review helps. What been done is cool but in my
>>>opinion it is still a work in progress. 73 Ed KE3D
>>>
>>>
>>>--- In acom-list@yahoogroups.com, kg4lru@a... wrote:
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>>>>I been playing with the Acom Tools software , Trying to get the
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>>>software to
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>>>>turn the amp ON with no success, also theirs mention that Gerry
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>>>>description might be Helpful and additional card? may be required.
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>>>Any body have
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>>>>any success getting their acom to turn using the software also I
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>>>have had
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>>>>sporadic errors on the auto tune feature and auto shutdowns . I
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>>>am using XP
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>>>>operating system the switch everything else seems to work ok. If
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>>>their a magic fix
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>>>>or better program to run the amp Please fill me in.
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>>>>Phil AI4DQ
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>>>>[Non-text portions of this message have been removed]
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>>>Yahoo! Groups Links
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>
> Hello Everyone,
>
> Is there some listing for the 2000A that has the communication protocol
> ? I might take a crack at it in Visual Basic. I am a new 2000A owner,
> inherited from my dad N9QX (SK). Ideas ?? Comments ??
>
> 73, Jerry, KE9I
>
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> Yahoo! Groups Links
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1650. Control Cable

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-08 00:30:54 UTC
From: wb5xxark
Topic: 1650 Message: 1650

Can anyone tell me if Acom has the 6-wire control cable in stock.I need 200' plus connectors each end.Also a price per ft. if you know.This is the cable for the outside 2000SW switch.

Thanks George wb5xx

1651. TS-2000 & ACOM1000 guide

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-16 02:13:22 UTC
From: Gus
Topic: 1651 Message: 1651

A most generous list member sent me a guide to connect the ACOM 1000
to my TS-2000. Myt mailbox got corrupted, and I lost your email, along
with many others.

Would you please re-send it. It was excellent.

73/gus

1652. Re: TS-2000 & ACOM1000 guide

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-16 22:16:55 UTC
From: edctexas
Topic: 1651 Message: 1652

Look back at message 1642

Ed KE3D

--- In acom-list@yahoogroups.com, "Gus" <gus@k...> wrote:
>
> A most generous list member sent me a guide to connect the ACOM 1000
> to my TS-2000. Myt mailbox got corrupted, and I lost your email,
along
> with many others.
>
> Would you please re-send it. It was excellent.
>
> 73/gus
>

1653. Wanted: ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-17 20:53:48 UTC
From: nancyridge2
Topic: 1653 Message: 1653

I am look for a used ACOM 1000 160-6 meter amplifier. Please e-mail me
if you have one for sale.
Thanks, Dave W9DR, E-Mail: 2prowl@...

1654. Connecting ACOM 1010 to FT1000MP

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-19 21:47:37 UTC
From: oakame
Topic: 1654 Message: 1654

Does anyone here know the pin numbers on the FT1000MP band data plug
for the shielded lead to the ACOM 1010. I can't locate the manual.
Thnks for any help.

73,

Alan/K6SRZ

1655. Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 16:01:43 UTC
From: Bill NY9H
Topic: 1654 Message: 1655

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a level of 400 watts. I did find out what I can do to remove the problem. I can turn off my alternate receive antenna on the Icom pro3!!!!!

If i using the inv L as the t/r antenna no problem!!!!!

At first I thought the arc was out there somewhere. Upon another looksee (doing the bad things again) ; I see that the 2000a power & swr are going to max which is probably a great reason for something to ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some remedial effort.

My "receive" antenna IS quite close to the other antenna and is a dipole... so maybe somehow this stuff is looping around in my mess of antenna switching??? and coupling back into my exciter to amp lines??? feedback ???? I did not have the time to look back at the ICOM to see if it went to full tilt also.

does this sound like a plausible deduction...?

other ideas (other than DON'T DO THAT AGAIN !!!!!)

It seems like if i just ground the rcv ant during xmit , i would be ok.

Bill ny9h

1657. RE: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 19:12:24 UTC
From: Neal Campbell
Topic: 1654 Message: 1657

I was discussing this with one of our local gurus. I think receive antennas are prime suspects of rf entering the shack. He told me of a local contester that had his system designed so that during transmit it disconnected the receive antenna to block the rf. Once the ptt was off, the receive antenna would restore connectivity to the rig.

Have no idea what magic was used to perform this, just reporting what I thought was interesting!

73 Neal

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Bill NY9H
Sent: Friday, January 20, 2006 4:02 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: what did i do wrong...oops

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a level of 400 watts. I did find out what I can do to remove the problem. I can turn off my alternate receive antenna on the Icom pro3!!!!!

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My "receive" antenna IS quite close to the other antenna and is a dipole... so maybe somehow this stuff is looping around in my mess of antenna switching??? and coupling back into my exciter to amp lines??? feedback ???? I did not have the time to look back at the ICOM to see if it went to full tilt also.

does this sound like a plausible deduction...?

other ideas (other than DON'T DO THAT AGAIN !!!!!)

It seems like if i just ground the rcv ant during xmit , i would be ok.

Bill ny9h

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_____

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[Non-text portions of this message have been removed]

1658. Re: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 16:44:17 UTC
From: Ken Waites
Topic: 1654 Message: 1658

Do you have lightening protection? Maybe it is flashing.
----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com
Sent: Friday, January 20, 2006 9:01 AM
Subject: [acom-list] Re: what did i do wrong...oops

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a
level of 400 watts. I did find out what I can do to remove the problem.
I can turn off my alternate receive antenna on the Icom pro3!!!!!

If i using the inv L as the t/r antenna no problem!!!!!

At first I thought the arc was out there somewhere. Upon another looksee
(doing the bad things again) ; I see that the 2000a power & swr are
going to max which is probably a great reason for something to
ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
remedial effort.

My "receive" antenna IS quite close to the other antenna and is a dipole...
so maybe somehow this stuff is looping around in my mess of antenna
switching??? and coupling back into my exciter to amp lines???
feedback ???? I did not have the time to look back at the ICOM to see
if it went to full tilt also.

does this sound like a plausible deduction...?

other ideas (other than DON'T DO THAT AGAIN !!!!!)

It seems like if i just ground the rcv ant during xmit , i would be ok.

Bill ny9h

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[Non-text portions of this message have been removed]

1659. Re: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 19:34:30 UTC
From: k0dan
Topic: 1654 Message: 1659

Bill have you retuned the amp recently (presets)?

73
Dan
K0DAN

----- Original Message -----
From: "Bill NY9H" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 10:01 AM
Subject: [acom-list] Re: what did i do wrong...oops

> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the problem.
> I can turn off my alternate receive antenna on the Icom pro3!!!!!
>
> If i using the inv L as the t/r antenna no problem!!!!!
>
> At first I thought the arc was out there somewhere. Upon another looksee
> (doing the bad things again) ; I see that the 2000a power & swr are
> going to max which is probably a great reason for something to
> ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
> remedial effort.
>
> My "receive" antenna IS quite close to the other antenna and is a
dipole...
> so maybe somehow this stuff is looping around in my mess of antenna
> switching??? and coupling back into my exciter to amp lines???
> feedback ???? I did not have the time to look back at the ICOM to see
> if it went to full tilt also.
>
> does this sound like a plausible deduction...?
>
> other ideas (other than DON'T DO THAT AGAIN !!!!!)
>
> It seems like if i just ground the rcv ant during xmit , i would be ok.
>
> Bill ny9h
>
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1660. Re: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 19:39:13 UTC
From: k0dan
Topic: 1654 Message: 1660

Do you happen to have an Alpha Delta coax switch in your maze of wires?

dt

----- Original Message -----
From: "k0dan" <k0dan@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 1:34 PM
Subject: Re: [acom-list] Re: what did i do wrong...oops

> Bill have you retuned the amp recently (presets)?
>
> 73
> Dan
> K0DAN
>
> ----- Original Message -----
> From: "Bill NY9H" <ny9h@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 20, 2006 10:01 AM
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> > guess i have some RF thing going on here , which is bad.
> >
> > using a 80 inverted L my 2000a goes into arc protect....after i hit a
> > level of 400 watts. I did find out what I can do to remove the problem.
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> >
> > At first I thought the arc was out there somewhere. Upon another looksee
> > (doing the bad things again) ; I see that the 2000a power & swr are
> > going to max which is probably a great reason for something to
> > ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
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> > My "receive" antenna IS quite close to the other antenna and is a
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> > feedback ???? I did not have the time to look back at the ICOM to see
> > if it went to full tilt also.
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> >
> > It seems like if i just ground the rcv ant during xmit , i would be ok.
> >
> > Bill ny9h
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1661. Re: [acom-list] FT1000MP connections to ACOM 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 19:55:50 UTC
From: Hans Remeeus
Topic: 1661 Message: 1661

Hello Alan,

This information would be the same for the ACOM1000 and ACOM1010:

Here is the information you may need to connect properly your FT1000MP
to the ACOM2000A for QSK operation in order to get best results.

1. You will need the following materials to prepare a control cable:

- a piece of two-lead shielded (audio) cable, maximum 3m/11ft long,
- a resistor 10kOhm 0,125W,
- an male DIN-8 (8 pins) connector (mating to FT1000MP BAND DATA connector),
- two phono type (RCA, CINCH) connectors (mating to ACOM2000A KEY-IN and
KEY-OUT connectors).

2. Look into the FT1000MP OPERATING MANUAL. Find the layout of the BAND
DATA connector, located on the top-right corner of page 4. Note that the
DIN-8 connector pins are numbered in a special order: not successively
but as follows:

```
2-----------------TX GND - to KEY-IN
4 5
+13V---o---1 6 3----------------GND - two shields
| 7 8---o------TX INHIBIT - to KEY-OUT
| |
----10kOhm----
```

(DIN-8, as viewed from the transceiver's rear panel "BAND DATA" and from
the sodering side of the male cable connector)

pin1 (+13V) - left from the center,
pin2 (TX GND) - on the top,
pin3 (GND) - right from the center,
pin4 (BAND DATA A, not used) - above pin 1,
pin5 (BAND DATA B, not used) - above pin 3,
pin6 (BAND DATA C, not used) - the central,
pin7 (BAND DATA D, not used) - below pin 1,
pin8 (TX INHIBIT) - below pin 3.

3. First solder the 10 kOhm resistor between pins 1 (+13V) and 8 (TX
INHIBIT). This "pull-up" resistor is needed for FT1000MP in order to
activate its "TX INHIBIT" input. Now, if you connect this DIN-8
connector to the BAND DATA, the transceiver wow'nt transmit until you
pull pin 8 (TX INHIBIT) to the ground. This is what ACOM2000A does to
enable transmitting selectively, when its antenna relay is in safe
condition (steadily closed or open).

Before trimming the cable end, thread on it the DIN-8 protective cap. Solder cable shields together and then to pin 3 (GND). Solder one of the active leads to pin 8 (together with one of the resistor leads). Mark the other end of this active lead as KEY-OUT. Solder the second active lead to pin 2 (TX GND). Mark its second end as KEY-IN. Keep track on all parts and leads to be well insulated when assembling DIN-8 protective cap in order not to make any short connection between pins.

Split the second cable end and thread the two phono connector accessories. Solder the active KEY-IN and KEY-OUT leads to the central pins and their shields to the outer connector rings. Assembly the connector's protective caps and your control cable is ready.

4. Before connecting or disconnecting cables always switch off both the transceiver and the amplifier.

Look in the FT1000MP OPERATING MANUAL. Find the Rear Panel Controls & Connectors on page 19/20.

Slide the LIN switch (21), located in a slot on the FT1000MP rear panel, to the OFF position. This will disable the internal TX GND relay of the transceiver and your QSK-CW timing will get better. Using this mode is possible as the amplifier's input KEY-IN is sensitive enough and does not require any relay buffering.

Connect the DIN8 connector of the prepared control cable to the BAND DATA (16) connector of FT1000MP.

Now look in the ACOM2000A OPERATING MANUAL. Find Fig.2-2 "Connections" on page 8. Connect the cable KEY-IN and KEY-OUT to the same name connectors (d) and (e) of the amplifier (bottom left corner as seen from rear). See also the respective pagraphs (d) and (e) on page 9.

5. Now you can use the QSK feature of both FT1000MP and ACOM2000A with maximum switching safety and timing quality. You don't need doing anything more and the following information is only intended to give some additional technical information about ACOM2000A KEY-IN and KEY-OUT signals.

a) The KEY-IN socket on the rear panel is the antenna relay transmit/receive control input of the amplifier.

When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground).

The electrical specifications for the respective transceiver's output are: - switching voltage (open circuit) minimum 12V;
- switching current (closed circuit) minimum 12mA;
- voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

FT1000MP output exceeds all of them.

You can control the KEY-IN signal in two different ways.

The preferred mode is to connect the KEY-IN socket with a shielded cable to the transceiver's output which goes to ground on transmit. The FT1000MP corresponding output is named TX GND (pin 2 of BAND DATA connector) and its electrical specifications exceed the needs without any buffering.

You don't need using the followign second way with FT1000MP. It may be useful with any old type transceiver which may have not a suitable output, providing the "ground on transmit" output signal. Connect with a shielded cable the PTT or CW keyer contact to the amplifier rear panel KEY-IN socket. Then connect with a shielded cable the amplifier rear panel KEY-OUT socket to the PTT or CW-KEY transceiver input. In this mode the amplifier will just pass directly the PTT or keyer signal to the transceiver when not powered and in STBY. In OPERATE mode it will follow it always when the antenna relay and/or band switch are in safe position and will disable transmitting during their motion or any risk situation.

Have in mind that the second way of transmit/receive control could be very useful also if a transceiver has improper sequency of its T/R signals. For instance, in some old type transceivers, the "ground on transmit" signal is late at beginning (RF power appears before it); or it competes at the end of transmission (disappears before RF power).

b) The KEY-OUT socket on the rear panel is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability of the amplifier and of the transceiver too. This output can be used in two cases:

- when your transceiver has the respective input to disable transmitting and the preferred connection of the KEY-IN socket is made - see (a). For FT1000MP this is the TX INHIBIT input (pin 8 of BAND DATA connector). We recommend that you connect it with a shielded cable to the KEY-OUT of the amplifier.

- when the second may of transmit/receive control is used with any old-type of transceiver - see (a).

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit this line is held to ground, When transmitting is not permissible the output is open (for instance when the antenna relay is in process of switching or the band switch is rotated).

The electrical specifications of the amplifier's output are: switching voltage capability (open circuit) up to +50V; switching current capability (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered and also in STANDBY mode this output is directly connected to the KEY-IN socket. Then the amplifier will

return the "TX GND" signal back to the "TX INHIBIT" in order to enable
transmitting.

In OPERATE mode the KEY-OUT signal will follow the incoming on the
KEY-IN socket "TX GND" always when the antenna relay and/or band switch
are in safe position and will reject transmitting if any risk condition
is detected.

Best 73! Vassil Vassilev, LZ1JK
President of ACOM Ltd, Sofia, Bulgaria Sofia, 1999 September 1st.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

oakame schreef:
> This should be an easy one for those of you who have the manuals. What
> pins do I connect on the FT1000MP band data plug to interface with an
> ACOM 1010.
>
> Thanks for any help.
>
> 73,
>
> Alan/K6SRZ
>
>
>
>
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> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+craft+supply&w2
=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=Sz5ebNg-ZsVyHTzaR4PnAg>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w2=Craft+hobb
y&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_MzUUBx-hQ>
> Hobbies and crafts
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+supply&w2=Cra
ft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L1W_lZQ58dekNdHLA>
>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=Craft+hobby&
w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAFs73WsoQ>
>
>
>
> --
> YAHOO! GROUPS LINKS

>
> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list>" on the web.
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

1662. Re: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 21:07:56 UTC
From: VA3MW - Port Credit
Topic: 1654 Message: 1662

At our contest station, we ground our beverage antenna during TX. Simply done, you just need to find somewhere to have a relay (SPDT) ground the antenna lead.

On my IC756Pro III there is a connection on the back that if the Radio goes into TX will ground that lead. You use this to ground the relay coil.

Have a look at your manual.

Mike VA3MW

----- Original Message -----
From: "Neal Campbell" <nealk3nc@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 2:12 PM
Subject: RE: [acom-list] Re: what did i do wrong...oops

> I was discussing this with one of our local gurus. I think receive
> antennas
> are prime suspects of rf entering the shack. He told me of a local
> contester
> that had his system designed so that during transmit it disconnected the
> receive antenna to block the rf. Once the ptt was off, the receive antenna
> would restore connectivity to the rig.
>
> Have no idea what magic was used to perform this, just reporting what I
> thought was interesting!
>
> 73 Neal
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Bill NY9H
> Sent: Friday, January 20, 2006 4:02 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the problem.
> I can turn off my alternate receive antenna on the Icom pro3!!!!!
>

> If i using the inv L as the t/r antenna no problem!!!!!
>
> At first I thought the arc was out there somewhere. Upon another looksee
> (doing the bad things again) ; I see that the 2000a power & swr are
> going to max which is probably a great reason for something to
> ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
> remedial effort.
>
> My "receive" antenna IS quite close to the other antenna and is a
> dipole...
> so maybe somehow this stuff is looping around in my mess of antenna
> switching??? and coupling back into my exciter to amp lines???
> feedback ???? I did not have the time to look back at the ICOM to see
> if it went to full tilt also.
>
> does this sound like a plausible deduction...?
>
> other ideas (other than DON'T DO THAT AGAIN !!!!!)
>
> It seems like if i just ground the rcv ant during xmit , i would be ok.
>
> Bill ny9h
>
>
>
>
> SPONSORED LINKS
> Hobby
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=Sz
> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_
> MzUUBx-hQ> hobby Hobbies
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L
> 1W_lZQ58dekNdHLA> and crafts
> Ham
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAF
> s73WsoQ> radio
>
> _____
>
> YAHOO! GROUPS LINKS
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>
> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list> " on the web.

>
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/> .
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1663. Re: [acom-list] Re: what did i do wrong...oops

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-20 21:26:18 UTC
From: Bill NY9H
Topic: 1654 Message: 1663

1. no alpha-delta switches,,,
2. I have done presets for this antenna recently...
3. I concur that the easiest way should be to just ground the
receive antenna when going into xmt,.... I'll report back abouit the
success of that...

tnx all....

bill

At 03:07 PM 1/20/2006, you wrote:

>At our contest station, we ground our beverage antenna during TX. Simply
>done, you just need to find somewhere to have a relay (SPDT) ground the
>antenna lead.
>
>On my IC756Pro III there is a connection on the back that if the Radio
>goes into TX will ground that lead. You use this to ground the relay coil.
>
>Have a look at your manual.
>
>Mike VA3MW
>
>----- Original Message -----
>From: "Neal Campbell" <nealk3nc@...>
>To: <acom-list@yahoogroups.com>
>Sent: Friday, January 20, 2006 2:12 PM
>Subject: RE: [acom-list] Re: what did i do wrong...oops
>
>
> > I was discussing this with one of our local gurus. I think receive
> > antennas
> > are prime suspects of rf entering the shack. He told me of a local
> > contester
> > that had his system designed so that during transmit it disconnected the
> > receive antenna to block the rf. Once the ptt was off, the receive antenna
> > would restore connectivity to the rig.
> >
> > Have no idea what magic was used to perform this, just reporting what I
> > thought was interesting!
> >
> > 73 Neal
> >
> > _____
> >
> > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On

> > Behalf
> > Of Bill NY9H
> > Sent: Friday, January 20, 2006 4:02 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: what did i do wrong...oops
> >
> >
> > guess i have some RF thing going on here , which is bad.
> >
> > using a 80 inverted L my 2000a goes into arc protect....after i hit a
> > level of 400 watts. I did find out what I can do to remove the problem.
> > I can turn off my alternate receive antenna on the Icom pro3!!!!!
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> > If i using the inv L as the t/r antenna no problem!!!!!
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> > ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
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> > My "receive" antenna IS quite close to the other antenna and is a
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> > if it went to full tilt also.
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> > does this sound like a plausible deduction...?
> >
> > other ideas (other than DON'T DO THAT AGAIN !!!!!)
> >
> > It seems like if i just ground the rcv ant during xmit , i would be ok.
> >
> > Bill ny9h
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> > SPONSORED LINKS
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> >
> <<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra>http://gro
ups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and+cra>
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=Sz
> > 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
> >
> <<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w>http://gro
ups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w>
> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_

> > MzUUBx-hQ> hobby Hobbies
> >
> <<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s>http://gro
ups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s>
> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L
> > 1W_lZQ58dekNdHLA> and crafts
> > Ham
> >
> <<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=>http://gro
ups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=>
> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAF
> > s73WsoQ> radio
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> > YAHOO! GROUPS LINKS
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> > * Visit your group "acom-list
> > <http://groups.yahoo.com/group/acom-list> " on the web.
> >
> >
> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> > <http://docs.yahoo.com/info/terms/> .
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> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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>Yahoo! Groups Links
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1664. Icom PRO 3 - Acom Arc Fault Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-21 15:23:07 UTC
From: j a ritter
Topic: 1664 Message: 1664

Bill:
I just went through the same thing with my PRO II and Pro III radios driving an Acom 2000A when I attempted using a separate RX antenna. The problem I had may be very similar to yours and it is terribly frustrating to resolve. Here are the key points:

1. How old is your Acom Amp? (Mine was manufactured in 1999)
Acom came out with two modifications to the transceiver interface board that coarsens the Arc Fault Sensing. (If your amp does not have these mods, likely this is part of your problem)
2. The second part is likely how you are keying the Amp.
(a) Are you keying from the Send Jack on the Pro III or From one of the Accessory Jacks. The Send Jack keying method is slower than the ACCY Jack method and it therefore overcame my problem of the Acom being unterminated during T/R changeover. My problem was on "Key Up" not "Key Down" this is another thing you need to be sure to identify.

After weeks of frustration and trouble shooting, my problem was resolved by making the two mods recommended by Acom and changing how I was keying the Acom.

I also added an outboard device to key the Amp and also provide RX antenna input to the Pro II or Pro III through the RF Jack (SO-239) on the radio versus the RX Antenna RCA Jack. This device is the DX-Pedition II by Gary Nichols KD9SV. Here is a link:
http://www.radio-ware.com/products/svdxii.htm

I can provide you with the Acom Mod information as well. It would be much easier to get into the problem more if we talk by phone than sending e-mail. If you would like to discuss how I resolved my problem, e-mail your phone number to me and I will call you.

73,
Jack W0UCE
Website: www.w0uce.net <http://www.w0uce.net/>

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
Sent: Saturday, January 21, 2006 8:22 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Digest Number 525

There are 9 messages in this issue.

Topics in this digest:

1. Re: what did i do wrong...oops
From: Bill NY9H <ny9h@...>
2. FT1000MP connections to ACOM 1010
From: "oakame" <doctore@...>
3. RE: Re: what did i do wrong...oops
From: "Neal Campbell" <nealk3nc@...>
4. Re: Re: what did i do wrong...oops
From: "Ken Waites" <barbiekenw@...>
5. Re: Re: what did i do wrong...oops
From: "k0dan" <k0dan@...>
6. Re: Re: what did i do wrong...oops
From: "k0dan" <k0dan@...>
7. Re: FT1000MP connections to ACOM 1010
From: Hans Remeeus <hans@...>
8. Re: Re: what did i do wrong...oops
From: "VA3MW - Port Credit" <va3mw@...>
9. Re: Re: what did i do wrong...oops
From: Bill NY9H <ny9h@...>

Message: 1
Date: Fri, 20 Jan 2006 10:01:43 -0600
From: Bill NY9H <ny9h@...>
Subject: Re: what did i do wrong...oops

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a
level of 400 watts. I did find out what I can do to remove the problem.
I can turn off my alternate receive antenna on the Icom pro3!!!!!

If i using the inv L as the t/r antenna no problem!!!!!

At first I thought the arc was out there somewhere. Upon another looksee
(doing the bad things again) ; I see that the 2000a power & swr are
going to max which is probably a great reason for something to
ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
remedial effort.

My "receive" antenna IS quite close to the other antenna and is a
dipole...
so maybe somehow this stuff is looping around in my mess of antenna
switching??? and coupling back into my exciter to amp lines???
feedback ???? I did not have the time to look back at the ICOM to see
if it went to full tilt also.

does this sound like a plausible deduction...?

other ideas (other than DON'T DO THAT AGAIN !!!!!)

It seems like if i just ground the rcv ant during xmit , i would be ok.

Bill ny9h

Message: 2
Date: Fri, 20 Jan 2006 17:50:02 -0000
From: "oakame" <doctore@...>
Subject: FT1000MP connections to ACOM 1010

This should be an easy one for those of you who have the manuals. What pins do I connect on the FT1000MP band data plug to interface with an ACOM 1010.

Thanks for any help.

73,

Alan/K6SRZ

Message: 3
Date: Fri, 20 Jan 2006 19:12:24 -0000
From: "Neal Campbell" <nealk3nc@...>
Subject: RE: Re: what did i do wrong...oops

I was discussing this with one of our local gurus. I think receive antennas
are prime suspects of rf entering the shack. He told me of a local contester
that had his system designed so that during transmit it disconnected the receive antenna to block the rf. Once the ptt was off, the receive antenna
would restore connectivity to the rig.

Have no idea what magic was used to perform this, just reporting what I thought was interesting!

73 Neal

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Bill NY9H
Sent: Friday, January 20, 2006 4:02 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: what did i do wrong...oops

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a level of 400 watts. I did find out what I can do to remove the problem.

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It seems like if i just ground the rcv ant during xmit , i would be ok.

Bill ny9h

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ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=Sz
5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_
MzUUBx-hQ> hobby Hobbies
<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L
1W_lZQ58dekNdHLA> and crafts
Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAF
s73WsoQ> radio

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<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

Message: 4
Date: Fri, 20 Jan 2006 09:44:17 -0700
From: "Ken Waites" <barbiekenw@...>
Subject: Re: Re: what did i do wrong...oops

Do you have lightening protection? Maybe it is flashing.
----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com
Sent: Friday, January 20, 2006 9:01 AM
Subject: [acom-list] Re: what did i do wrong...oops

guess i have some RF thing going on here , which is bad.

using a 80 inverted L my 2000a goes into arc protect....after i hit a
level of 400 watts. I did find out what I can do to remove the
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looksee
(doing the bad things again) ; I see that the 2000a power & swr are
going to max which is probably a great reason for something to
ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
remedial effort.

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dipole...
so maybe somehow this stuff is looping around in my mess of antenna
switching??? and coupling back into my exciter to amp lines???
feedback ???? I did not have the time to look back at the ICOM to see
if it went to full tilt also.

does this sound like a plausible deduction...?

other ideas (other than DON'T DO THAT AGAIN !!!!!)

It seems like if i just ground the rcv ant during xmit , i would be
ok.

Bill ny9h

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crafts
Ham radio

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b.. To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.

[Non-text portions of this message have been removed]

Message: 5
Date: Fri, 20 Jan 2006 13:34:30 -0600
From: "k0dan" <k0dan@...>
Subject: Re: Re: what did i do wrong...oops

Bill have you retuned the amp recently (presets)?

73
Dan
K0DAN

----- Original Message -----
From: "Bill NY9H" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 10:01 AM
Subject: [acom-list] Re: what did i do wrong...oops

> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the
problem.
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> It seems like if i just ground the rcv ant during xmit , i would be
ok.
>
> Bill ny9h
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> Yahoo! Groups Links
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Message: 6
Date: Fri, 20 Jan 2006 13:39:13 -0600
From: "k0dan" <k0dan@...>
Subject: Re: Re: what did i do wrong...oops

Do you happen to have an Alpha Delta coax switch in your maze of wires?

dt

----- Original Message -----
From: "k0dan" <k0dan@...>

To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 1:34 PM
Subject: Re: [acom-list] Re: what did i do wrong...oops

> Bill have you retuned the amp recently (presets)?
>
> 73
> Dan
> K0DAN
>
> ----- Original Message -----
> From: "Bill NY9H" <ny9h@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 20, 2006 10:01 AM
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> > guess i have some RF thing going on here , which is bad.
> >
> > using a 80 inverted L my 2000a goes into arc protect....after i hit
a
> > level of 400 watts. I did find out what I can do to remove the
problem.
> > I can turn off my alternate receive antenna on the Icom pro3!!!!!
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> >

> > Bill ny9h
> >
> >
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> >
> > Yahoo! Groups Links
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Message: 7
Date: Fri, 20 Jan 2006 20:55:50 +0100
From: Hans Remeeus <hans@...>
Subject: Re: FT1000MP connections to ACOM 1010

Hello Alan,

This information would be the same for the ACOM1000 and ACOM1010:

Here is the information you may need to connect properly your FT1000MP
to the ACOM2000A for QSK operation in order to get best results.

1. You will need the following materials to prepare a control cable:

- a piece of two-lead shielded (audio) cable, maximum 3m/11ft long,
- a resistor 10kOhm 0,125W,
- an male DIN-8 (8 pins) connector (mating to FT1000MP BAND DATA
connector),
- two phono type (RCA, CINCH) connectors (mating to ACOM2000A KEY-IN and

KEY-OUT connectors).

2. Look into the FT1000MP OPERATING MANUAL. Find the layout of the BAND
DATA connector, located on the top-right corner of page 4. Note that the

DIN-8 connector pins are numbered in a special order: not successively
but as follows:

```
2-----------------TX GND - to KEY-IN
4 5
+13V---o---1 6 3----------------GND - two shields
| 7 8---o------TX INHIBIT - to KEY-OUT
| |
----10kOhm----
```

(DIN-8, as viewed from the transceiver's rear panel "BAND DATA" and from

the sodering side of the male cable connector)

pin1 (+13V) - left from the center,
pin2 (TX GND) - on the top,
pin3 (GND) - right from the center,
pin4 (BAND DATA A, not used) - above pin 1,
pin5 (BAND DATA B, not used) - above pin 3,
pin6 (BAND DATA C, not used) - the central,
pin7 (BAND DATA D, not used) - below pin 1,
pin8 (TX INHIBIT) - below pin 3.

3. First solder the 10 kOhm resistor between pins 1 (+13V) and 8 (TX INHIBIT). This "pull-up" resistor is needed for FT1000MP in order to activate its "TX INHIBIT" input. Now, if you connect this DIN-8 connector to the BAND DATA, the transceiver wow'nt transmit until you pull pin 8 (TX INHIBIT) to the ground. This is what ACOM2000A does to enable transmitting selectively, when its antenna relay is in safe condition (steadily closed or open).

Before trimming the cable end, thread on it the DIN-8 protective cap. Solder cable shields together and then to pin 3 (GND). Solder one of the

active leads to pin 8 (together with one of the resistor leads). Mark the other end of this active lead as KEY-OUT. Solder the second active lead to pin 2 (TX GND). Mark its second end as KEY-IN. Keep track on all

parts and leads to be well insulated when assembling DIN-8 protective cap in order not to make any short connection between pins.

Split the second cable end and thread the two phono connector accessories. Solder the active KEY-IN and KEY-OUT leads to the central pins and their shields to the outer connector rings. Assembly the connector's protective caps and your control cable is ready.

4. Before connecting or disconnecting cables always switch off both the transceiver and the amplifier.

Look in the FT1000MP OPERATING MANUAL. Find the Rear Panel Controls & Connectors on page 19/20.

Slide the LIN switch (21), located in a slot on the FT1000MP rear panel,

to the OFF position. This will disable the internal TX GND relay of the transceiver and your QSK-CW timing will get better. Using this mode is possible as the amplifier's input KEY-IN is sensitive enough and does not require any relay buffering.

Connect the DIN8 connector of the prepared control cable to the BAND DATA (16) connector of FT1000MP.

Now look in the ACOM2000A OPERATING MANUAL. Find Fig.2-2 "Connections" on page 8. Connect the cable KEY-IN and KEY-OUT to the same name

connectors (d) and (e) of the amplifier (bottom left corner as seen from

rear). See also the respective pagraphs (d) and (e) on page 9.

5. Now you can use the QSK feature of both FT1000MP and ACOM2000A with maximum switching safety and timing quality. You don't need doing anything more and the following information is only intended to give some additional technical information about ACOM2000A KEY-IN and KEY-OUT

signals.

a) The KEY-IN socket on the rear panel is the antenna relay transmit/receive control input of the amplifier.

When in OPERATE, on this input appears a DC signal which must be held to ground to activate the amplifier in transmit. This can be done via a relay contact or semiconductor (transistor or integrated circuit) with suitable polarity (positive to ground).

The electrical specifications for the respective transceiver's output are: - switching voltage (open circuit) minimum 12V;
- switching current (closed circuit) minimum 12mA;
- voltage drop or resistance @ 12mA current (closed circuit) maximum 1.5V/250 Ohm.

FT1000MP output exceeds all of them.

You can control the KEY-IN signal in two different ways.

The preferred mode is to connect the KEY-IN socket with a shielded cable

to the transceiver's output which goes to ground on transmit. The FT1000MP corresponding output is named TX GND (pin 2 of BAND DATA connector) and its electrical specifications exceed the needs without any buffering.

You don't need using the followign second way with FT1000MP. It may be useful with any old type transceiver which may have not a suitable output, providing the "ground on transmit" output signal. Connect with a

shielded cable the PTT or CW keyer contact to the amplifier rear panel KEY-IN socket. Then connect with a shielded cable the amplifier rear panel KEY-OUT socket to the PTT or CW-KEY transceiver input. In this mode the amplifier will just pass directly the PTT or keyer signal to the transceiver when not powered and in STBY. In OPERATE mode it will follow it always when the antenna relay and/or band switch are in safe position and will disable transmitting during their motion or any risk situation.

Have in mind that the second way of transmit/receive control could be very useful also if a transceiver has improper sequency of its T/R signals. For instance, in some old type transceivers, the "ground on transmit" signal is late at beginning (RF power appears before it); or

it competes at the end of transmission (disappears before RF power).

b) The KEY-OUT socket on the rear panel is an extra output signal from the amplifier to the transceiver. It could be used to improve the T/R switching process and increases the exploitation reliability of the amplifier and of the transceiver too. This output can be used in two cases:

- when your transceiver has the respective input to disable transmitting

and the preferred connection of the KEY-IN socket is made - see (a). For

FT1000MP this is the TX INHIBIT input (pin 8 of BAND DATA connector). We

recommend that you connect it with a shielded cable to the KEY-OUT of the amplifier.

- when the second may of transmit/receive control is used with any old-type of transceiver - see (a).

The output KEY-OUT of the amplifier is open drain circuit and it can hold to ground a positive DC signal. At the moments when the amplifier is ready to transmit this line is held to ground, When transmitting is not permissible the output is open (for instance when the antenna relay is in process of switching or the band switch is rotated).

The electrical specifications of the amplifier's output are: switching voltage capability (open circuit) up to +50V; switching current capability (closed circuit) up to 20mA; resistance @ 20mA current (closed circuit) maximum 120 Ohm.

When the amplifier is not powered and also in STANDBY mode this output is directly connected to the KEY-IN socket. Then the amplifier will return the "TX GND" signal back to the "TX INHIBIT" in order to enable transmitting.

In OPERATE mode the KEY-OUT signal will follow the incoming on the KEY-IN socket "TX GND" always when the antenna relay and/or band switch are in safe position and will reject transmitting if any risk condition is detected.

Best 73! Vassil Vassilev, LZ1JK
President of ACOM Ltd, Sofia, Bulgaria Sofia, 1999 September 1st.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.nl
Communication is about people, the rest is technology.

oakame schreef:
> This should be an easy one for those of you who have the manuals.
What

> pins do I connect on the FT1000MP band data plug to interface with an
> ACOM 1010.
>
> Thanks for any help.
>
> 73,
>
> Alan/K6SRZ
>
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>
<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and
+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84
&.sig=Sz5ebNg-ZsVyHTzaR4PnAg>
> Craft hobby
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QCK4PEN_MzUUBx-hQ>
> Hobbies and crafts
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ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.si
g=J-__6L1W_lZQ58dekNdHLA>
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&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-g
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> YAHOO! GROUPS LINKS
>
> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list>" on the web.
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> * To unsubscribe from this group, send an email to:
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>
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>

> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
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>

>

Message: 8
Date: Fri, 20 Jan 2006 16:07:56 -0500
From: "VA3MW - Port Credit" <va3mw@...>
Subject: Re: Re: what did i do wrong...oops

At our contest station, we ground our beverage antenna during TX.
Simply
done, you just need to find somewhere to have a relay (SPDT) ground the
antenna lead.

On my IC756Pro III there is a connection on the back that if the Radio

goes into TX will ground that lead. You use this to ground the relay
coil.

Have a look at your manual.

Mike VA3MW

----- Original Message -----
From: "Neal Campbell" <nealk3nc@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, January 20, 2006 2:12 PM
Subject: RE: [acom-list] Re: what did i do wrong...oops

> I was discussing this with one of our local gurus. I think receive
> antennas
> are prime suspects of rf entering the shack. He told me of a local
> contester
> that had his system designed so that during transmit it disconnected
the
> receive antenna to block the rf. Once the ptt was off, the receive
antenna
> would restore connectivity to the rig.
>
> Have no idea what magic was used to perform this, just reporting what
I
> thought was interesting!
>
> 73 Neal
>

> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Bill NY9H
> Sent: Friday, January 20, 2006 4:02 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the
problem.
> I can turn off my alternate receive antenna on the Icom pro3!!!!!
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> If i using the inv L as the t/r antenna no problem!!!!!
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> ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
> remedial effort.
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> dipole...
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> other ideas (other than DON'T DO THAT AGAIN !!!!!)
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> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list> " on the web.
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> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/> .
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> Yahoo! Groups Links
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Message: 9
Date: Fri, 20 Jan 2006 15:26:18 -0600
From: Bill NY9H <ny9h@...>
Subject: Re: Re: what did i do wrong...oops

1. no alpha-delta switches,,,
2. I have done presets for this antenna recently...
3. I concur that the easiest way should be to just ground the
receive antenna when going into xmt,.... I'll report back abouit the
success of that...

tnx all....

bill

At 03:07 PM 1/20/2006, you wrote:

>At our contest station, we ground our beverage antenna during TX.
Simply
>done, you just need to find somewhere to have a relay (SPDT) ground the
>antenna lead.
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>On my IC756Pro III there is a connection on the back that if the
Radio
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>Mike VA3MW

>
>----- Original Message -----
>From: "Neal Campbell" <nealk3nc@...>
>To: <acom-list@yahoogroups.com>
>Sent: Friday, January 20, 2006 2:12 PM
>Subject: RE: [acom-list] Re: what did i do wrong...oops
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> > I was discussing this with one of our local gurus. I think receive
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> > Of Bill NY9H
> > Sent: Friday, January 20, 2006 4:02 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: what did i do wrong...oops
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ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.si
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> > * Visit your group "acom-list
> > <http://groups.yahoo.com/group/acom-list> " on the web.
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> >
> > * To unsubscribe from this group, send an email to:
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> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
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> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
> > <http://docs.yahoo.com/info/terms/> .
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> > [Non-text portions of this message have been removed]
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

1665. Re: [acom-list] Icom PRO 3 - Acom Arc Fault Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-21 18:24:40 UTC
From: Thomas Herrmann
Topic: 1664 Message: 1665

well done, Jack !
I became aware of the DXped II in another e-mail list and got it some days before. It took only 5 minutes to install it between TRX and PA ACOM2000A (by using adapters BNC/PL). As far as DXped II has a TX sequencer built in, the TX/RX antennas are switched before the PA is keyed. I use it for fast QSK without any trouble (up to now ;-))).
good luck, Bill !
73 de Thomas, DL1AMQ

acom-list@yahoogroups.com schrieb am 21.01.06 18:02:26:
>
> Bill:
> I just went through the same thing with my PRO II and Pro III radios
> driving an Acom 2000A when I attempted using a separate RX antenna.
> The problem I had may be very similar to yours and it is terribly
> frustrating to resolve. Here are the key points:
>
> 1. How old is your Acom Amp? (Mine was manufactured in 1999)
> Acom came out with two modifications to the transceiver interface board
> that coarsens the Arc Fault Sensing. (If your amp does not have these
> mods, likely this is part of your problem)
> 2. The second part is likely how you are keying the Amp.
> (a) Are you keying from the Send Jack on the Pro III or From one of the
> Accessory Jacks. The Send Jack keying method is slower than the ACCY
> Jack method and it therefore overcame my problem of the Acom being
> unterminated during T/R changeover. My problem was on "Key Up" not "Key
> Down" this is another thing you need to be sure to identify.
>
> After weeks of frustration and trouble shooting, my problem was resolved
> by making the two mods recommended by Acom and changing how I was keying
> the Acom.
>
> I also added an outboard device to key the Amp and also provide RX
> antenna input to the Pro II or Pro III through the RF Jack (SO-239) on
> the radio versus the RX Antenna RCA Jack. This device is the
> DX-Pedition II by Gary Nichols KD9SV. Here is a link:
> http://www.radio-ware.com/products/svdxii.htm
>
> I can provide you with the Acom Mod information as well. It would be
> much easier to get into the problem more if we talk by phone than
> sending e-mail. If you would like to discuss how I resolved my problem,
> e-mail your phone number to me and I will call you.
>
> 73,
> Jack W0UCE
> Website: www.w0uce.net <http://www.w0uce.net/>

>
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> Sent: Saturday, January 21, 2006 8:22 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Digest Number 525
>
> There are 9 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: what did i do wrong...oops
> From: Bill NY9H <ny9h@...>
> 2. FT1000MP connections to ACOM 1010
> From: "oakame" <doctore@...>
> 3. RE: Re: what did i do wrong...oops
> From: "Neal Campbell" <nealk3nc@...>
> 4. Re: Re: what did i do wrong...oops
> From: "Ken Waites" <barbiekenw@...>
> 5. Re: Re: what did i do wrong...oops
> From: "k0dan" <k0dan@...>
> 6. Re: Re: what did i do wrong...oops
> From: "k0dan" <k0dan@...>
> 7. Re: FT1000MP connections to ACOM 1010
> From: Hans Remeeus <hans@...>
> 8. Re: Re: what did i do wrong...oops
> From: "VA3MW - Port Credit" <va3mw@...>
> 9. Re: Re: what did i do wrong...oops
> From: Bill NY9H <ny9h@...>
>
>
> --
> --
>
> Message: 1
> Date: Fri, 20 Jan 2006 10:01:43 -0600
> From: Bill NY9H <ny9h@...>
> Subject: Re: what did i do wrong...oops
>
> guess i have some RF thing going on here , which is bad.
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>
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> remedial effort.
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> feedback ???? I did not have the time to look back at the ICOM to see
> if it went to full tilt also.
>
> does this sound like a plausible deduction...?
>
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>
> It seems like if i just ground the rcv ant during xmit , i would be ok.
>
> Bill ny9h
>
>
>
> --
> --
>
> Message: 2
> Date: Fri, 20 Jan 2006 17:50:02 -0000
> From: "oakame" <doctore@...>
> Subject: FT1000MP connections to ACOM 1010
>
> This should be an easy one for those of you who have the manuals. What
> pins do I connect on the FT1000MP band data plug to interface with an
> ACOM 1010.
>
> Thanks for any help.
>
> 73,
>
> Alan/K6SRZ
>
>
>
>
>
>
> --
> --
>
> Message: 3
> Date: Fri, 20 Jan 2006 19:12:24 -0000

> From: "Neal Campbell" <nealk3nc@...>
> Subject: RE: Re: what did i do wrong...oops
>
> I was discussing this with one of our local gurus. I think receive
> antennas
> are prime suspects of rf entering the shack. He told me of a local
> contester
> that had his system designed so that during transmit it disconnected the
> receive antenna to block the rf. Once the ptt was off, the receive
> antenna
> would restore connectivity to the rig.
>
> Have no idea what magic was used to perform this, just reporting what I
> thought was interesting!
>
> 73 Neal
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Bill NY9H
> Sent: Friday, January 20, 2006 4:02 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the problem.
> I can turn off my alternate receive antenna on the Icom pro3!!!!!
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> feedback ???? I did not have the time to look back at the ICOM to see
> if it went to full tilt also.
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>
>
>
>
> SPONSORED LINKS
> Hobby
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and
> +cra
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.si
> g=Sz
> 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supp
> ly&w
> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4
> PEN_
> MzUUBx-hQ> hobby Hobbies
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+cra
> ft+s
> upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-
> __6L
> 1W_lZQ58dekNdHLA> and crafts
> Ham
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply
> &w2=
> Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7
> guAF
> s73WsoQ> radio
>
> _____
>
> YAHOO! GROUPS LINKS
>
>
>
> * Visit your group "acom-list
> <http://groups.yahoo.com/group/acom-list> " on the web.
>
>
> * To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service

> <http://docs.yahoo.com/info/terms/> .
>
>
> _____
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> --
> --
>
> Message: 4
> Date: Fri, 20 Jan 2006 09:44:17 -0700
> From: "Ken Waites" <barbiekenw@...>
> Subject: Re: Re: what did i do wrong...oops
>
> Do you have lightening protection? Maybe it is flashing.
> ----- Original Message -----
> From: Bill NY9H
> To: acom-list@yahoogroups.com
> Sent: Friday, January 20, 2006 9:01 AM
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> guess i have some RF thing going on here , which is bad.
>
> using a 80 inverted L my 2000a goes into arc protect....after i hit a
> level of 400 watts. I did find out what I can do to remove the
> problem.
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>
> Bill ny9h
>
>
>
> SPONSORED LINKS Hobby and craft supply Craft hobby Hobbies and
> crafts
> Ham radio
>
>
> ---
> ------
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "acom-list" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> acom-list-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
>
> ---
> ------
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> _____
> _____
>
> Message: 5
> Date: Fri, 20 Jan 2006 13:34:30 -0600
> From: "k0dan" <k0dan@...>
> Subject: Re: Re: what did i do wrong...oops
>
> Bill have you retuned the amp recently (presets)?
>
> 73

> Dan
> K0DAN
>
> ----- Original Message -----
> From: "Bill NY9H" <ny9h@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 20, 2006 10:01 AM
> Subject: [acom-list] Re: what did i do wrong...oops
>
>
> > guess i have some RF thing going on here , which is bad.
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> > using a 80 inverted L my 2000a goes into arc protect....after i hit a
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> > Bill ny9h
> >
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> >
> > Yahoo! Groups Links
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> Message: 6
> Date: Fri, 20 Jan 2006 13:39:13 -0600
> From: "k0dan" <k0dan@...>
> Subject: Re: Re: what did i do wrong...oops
>
> Do you happen to have an Alpha Delta coax switch in your maze of wires?
>
> dt
>
>
> ----- Original Message -----
> From: "k0dan" <k0dan@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 20, 2006 1:34 PM
> Subject: Re: [acom-list] Re: what did i do wrong...oops
>
>
> > Bill have you retuned the amp recently (presets)?
> >
> > 73
> > Dan
> > K0DAN
> >
> > ----- Original Message -----
> > From: "Bill NY9H" <ny9h@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Friday, January 20, 2006 10:01 AM
> > Subject: [acom-list] Re: what did i do wrong...oops
> >
> >
> > > guess i have some RF thing going on here , which is bad.
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> > > using a 80 inverted L my 2000a goes into arc protect....after i hit
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> > > Yahoo! Groups Links
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> --
> --
>
> Message: 7
> Date: Fri, 20 Jan 2006 20:55:50 +0100
> From: Hans Remeeus <hans@...>
> Subject: Re: FT1000MP connections to ACOM 1010
>
>
> Hello Alan,
>

> This information would be the same for the ACOM1000 and ACOM1010:
>
>
> -----
> Here is the information you may need to connect properly your FT1000MP
> to the ACOM2000A for QSK operation in order to get best results.
>
> 1. You will need the following materials to prepare a control cable:
>
> - a piece of two-lead shielded (audio) cable, maximum 3m/11ft long,
> - a resistor 10kOhm 0,125W,
> - an male DIN-8 (8 pins) connector (mating to FT1000MP BAND DATA
> connector),
> - two phono type (RCA, CINCH) connectors (mating to ACOM2000A KEY-IN and
>
> KEY-OUT connectors).
>
> 2. Look into the FT1000MP OPERATING MANUAL. Find the layout of the BAND
> DATA connector, located on the top-right corner of page 4. Note that the
>
> DIN-8 connector pins are numbered in a special order: not successively
> but as follows:
>
>
> 2-----------------TX GND - to KEY-IN
> 4 5
> +13V---o---1 6 3----------------GND - two shields
> | 7 8---o------TX INHIBIT - to KEY-OUT
> | |
> ----10kOhm----
>
> (DIN-8, as viewed from the transceiver's rear panel "BAND DATA" and from
>
> the sodering side of the male cable connector)
>
> pin1 (+13V) - left from the center,
> pin2 (TX GND) - on the top,
> pin3 (GND) - right from the center,
> pin4 (BAND DATA A, not used) - above pin 1,
> pin5 (BAND DATA B, not used) - above pin 3,
> pin6 (BAND DATA C, not used) - the central,
> pin7 (BAND DATA D, not used) - below pin 1,
> pin8 (TX INHIBIT) - below pin 3.
>
>
> 3. First solder the 10 kOhm resistor between pins 1 (+13V) and 8 (TX
> INHIBIT). This "pull-up" resistor is needed for FT1000MP in order to
> activate its "TX INHIBIT" input. Now, if you connect this DIN-8
> connector to the BAND DATA, the transceiver wow'nt transmit until you
> pull pin 8 (TX INHIBIT) to the ground. This is what ACOM2000A does to

> enable transmitting selectively, when its antenna relay is in safe
> condition (steadily closed or open).
>
> Before trimming the cable end, thread on it the DIN-8 protective cap.
> Solder cable shields together and then to pin 3 (GND). Solder one of the
>
> active leads to pin 8 (together with one of the resistor leads). Mark
> the other end of this active lead as KEY-OUT. Solder the second active
> lead to pin 2 (TX GND). Mark its second end as KEY-IN. Keep track on all
>
> parts and leads to be well insulated when assembling DIN-8 protective
> cap in order not to make any short connection between pins.
>
> Split the second cable end and thread the two phono connector
> accessories. Solder the active KEY-IN and KEY-OUT leads to the central
> pins and their shields to the outer connector rings. Assembly the
> connector's protective caps and your control cable is ready.
>
> 4. Before connecting or disconnecting cables always switch off both the
> transceiver and the amplifier.
>
> Look in the FT1000MP OPERATING MANUAL. Find the Rear Panel Controls &
> Connectors on page 19/20.
>
> Slide the LIN switch (21), located in a slot on the FT1000MP rear panel,
>
> to the OFF position. This will disable the internal TX GND relay of the
> transceiver and your QSK-CW timing will get better. Using this mode is
> possible as the amplifier's input KEY-IN is sensitive enough and does
> not require any relay buffering.
>
> Connect the DIN8 connector of the prepared control cable to the BAND
> DATA (16) connector of FT1000MP.
>
> Now look in the ACOM2000A OPERATING MANUAL. Find Fig.2-2 "Connections"
> on page 8. Connect the cable KEY-IN and KEY-OUT to the same name
> connectors (d) and (e) of the amplifier (bottom left corner as seen from
>
> rear). See also the respective pagraphs (d) and (e) on page 9.
>
> 5. Now you can use the QSK feature of both FT1000MP and ACOM2000A with
> maximum switching safety and timing quality. You don't need doing
> anything more and the following information is only intended to give
> some additional technical information about ACOM2000A KEY-IN and KEY-OUT
>
> signals.
>
> a) The KEY-IN socket on the rear panel is the antenna relay
> transmit/receive control input of the amplifier.
>

> When in OPERATE, on this input appears a DC signal which must be held
> to ground to activate the amplifier in transmit. This can be done via a
> relay contact or semiconductor (transistor or integrated circuit) with
> suitable polarity (positive to ground).
>
> The electrical specifications for the respective transceiver's output
> are: - switching voltage (open circuit) minimum 12V;
> - switching current (closed circuit) minimum 12mA;
> - voltage drop or resistance @ 12mA current (closed circuit) maximum
> 1.5V/250 Ohm.
>
> FT1000MP output exceeds all of them.
>
> You can control the KEY-IN signal in two different ways.
>
> The preferred mode is to connect the KEY-IN socket with a shielded cable
>
> to the transceiver's output which goes to ground on transmit. The
> FT1000MP corresponding output is named TX GND (pin 2 of BAND DATA
> connector) and its electrical specifications exceed the needs without
> any buffering.
>
> You don't need using the followign second way with FT1000MP. It may be
> useful with any old type transceiver which may have not a suitable
> output, providing the "ground on transmit" output signal. Connect with a
>
> shielded cable the PTT or CW keyer contact to the amplifier rear panel
> KEY-IN socket. Then connect with a shielded cable the amplifier rear
> panel KEY-OUT socket to the PTT or CW-KEY transceiver input. In this
> mode the amplifier will just pass directly the PTT or keyer signal to
> the transceiver when not powered and in STBY. In OPERATE mode it will
> follow it always when the antenna relay and/or band switch are in safe
> position and will disable transmitting during their motion or any risk
> situation.
>
> Have in mind that the second way of transmit/receive control could be
> very useful also if a transceiver has improper sequency of its T/R
> signals. For instance, in some old type transceivers, the "ground on
> transmit" signal is late at beginning (RF power appears before it); or
> it competes at the end of transmission (disappears before RF power).
>
> b) The KEY-OUT socket on the rear panel is an extra output signal from
> the amplifier to the transceiver. It could be used to improve the T/R
> switching process and increases the exploitation reliability of the
> amplifier and of the transceiver too. This output can be used in two
> cases:
>
> - when your transceiver has the respective input to disable transmitting
>
> and the preferred connection of the KEY-IN socket is made - see (a). For

>
> FT1000MP this is the TX INHIBIT input (pin 8 of BAND DATA connector). We
>
> recommend that you connect it with a shielded cable to the KEY-OUT of
> the amplifier.
>
> - when the second may of transmit/receive control is used with any
> old-type of transceiver - see (a).
>
> The output KEY-OUT of the amplifier is open drain circuit and it can
> hold to ground a positive DC signal. At the moments when the amplifier
> is ready to transmit this line is held to ground, When transmitting is
> not permissible the output is open (for instance when the antenna relay
> is in process of switching or the band switch is rotated).
>
> The electrical specifications of the amplifier's output are: switching
> voltage capability (open circuit) up to +50V; switching current
> capability (closed circuit) up to 20mA; resistance @ 20mA current
> (closed circuit) maximum 120 Ohm.
>
> When the amplifier is not powered and also in STANDBY mode this output
> is directly connected to the KEY-IN socket. Then the amplifier will
> return the "TX GND" signal back to the "TX INHIBIT" in order to enable
> transmitting.
>
> In OPERATE mode the KEY-OUT signal will follow the incoming on the
> KEY-IN socket "TX GND" always when the antenna relay and/or band switch
> are in safe position and will reject transmitting if any risk condition
> is detected.
>
> Best 73! Vassil Vassilev, LZ1JK
> President of ACOM Ltd, Sofia, Bulgaria Sofia, 1999 September 1st.
>
>
> -----
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.nl
> Communication is about people, the rest is technology.
>
>
>
> oakame schreef:
> > This should be an easy one for those of you who have the manuals.
> What
> > pins do I connect on the FT1000MP band data plug to interface with an
> > ACOM 1010.
> >
> > Thanks for any help.
> >

> > 73,
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> > Alan/K6SRZ
> >
> >
> >
> >
> >
> > SPONSORED LINKS
> > Hobby and craft supply
> >
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and
> +craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84
> &.sig=Sz5ebNg-ZsVyHTzaR4PnAg>
> > Craft hobby
> >
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supp
> ly&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4k
> QCK4PEN_MzUUBx-hQ>
> > Hobbies and crafts
> >
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+cra
> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.si
> g=J-__6L1W_lZQ58dekNdHLA>
> >
> > Ham radio
> >
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply
> &w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-g
> q6h7guAFs73WsoQ>
> >
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> >
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> --
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "acom-list
> > <http://groups.yahoo.com/group/acom-list>" on the web.
> >
> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> >
> <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> >

> --
> >
>
>
> --
> --
>
> Message: 8
> Date: Fri, 20 Jan 2006 16:07:56 -0500
> From: "VA3MW - Port Credit" <va3mw@...>
> Subject: Re: Re: what did i do wrong...oops
>
> At our contest station, we ground our beverage antenna during TX.
> Simply
> done, you just need to find somewhere to have a relay (SPDT) ground the
> antenna lead.
>
> On my IC756Pro III there is a connection on the back that if the Radio
>
> goes into TX will ground that lead. You use this to ground the relay
> coil.
>
> Have a look at your manual.
>
> Mike VA3MW
>
> ----- Original Message -----
> From: "Neal Campbell" <nealk3nc@...>
> To: <acom-list@yahoogroups.com>
> Sent: Friday, January 20, 2006 2:12 PM
> Subject: RE: [acom-list] Re: what did i do wrong...oops
>
>
> > I was discussing this with one of our local gurus. I think receive
> > antennas
> > are prime suspects of rf entering the shack. He told me of a local
> > contester
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> > going to max which is probably a great reason for something to
> > ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
> > remedial effort.
> >
> > My "receive" antenna IS quite close to the other antenna and is a
> > dipole...
> > so maybe somehow this stuff is looping around in my mess of antenna
> > switching??? and coupling back into my exciter to amp lines???
> > feedback ???? I did not have the time to look back at the ICOM to see
> > if it went to full tilt also.
> >
> > does this sound like a plausible deduction...?
> >
> > other ideas (other than DON'T DO THAT AGAIN !!!!!)
> >
> > It seems like if i just ground the rcv ant during xmit , i would be
> ok.
> >
> > Bill ny9h
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> > SPONSORED LINKS
> > Hobby
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> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+and
> +cra
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> ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.si
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> > 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
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> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4
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> > MzUUBx-hQ> hobby Hobbies
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> > YAHOO! GROUPS LINKS
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> > * Visit your group "acom-list
> > <http://groups.yahoo.com/group/acom-list> " on the web.
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> > * To unsubscribe from this group, send an email to:
> > acom-list-unsubscribe@yahoogroups.com
> > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> > <http://docs.yahoo.com/info/terms/> .
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> > [Non-text portions of this message have been removed]
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> Message: 9
> Date: Fri, 20 Jan 2006 15:26:18 -0600
> From: Bill NY9H <ny9h@...>
> Subject: Re: Re: what did i do wrong...oops
>
> 1. no alpha-delta switches,,,
> 2. I have done presets for this antenna recently...
> 3. I concur that the easiest way should be to just ground the
> receive antenna when going into xmt,.... I'll report back abouit the
> success of that...
>
> tnx all....
>
> bill
>
> At 03:07 PM 1/20/2006, you wrote:
>
> >At our contest station, we ground our beverage antenna during TX.
> Simply
> >done, you just need to find somewhere to have a relay (SPDT) ground the
> >antenna lead.
> >
> >On my IC756Pro III there is a connection on the back that if the
> Radio
> >goes into TX will ground that lead. You use this to ground the relay
> coil.

> >
> >Have a look at your manual.
> >
> >Mike VA3MW
> >
> >----- Original Message -----
> >From: "Neal Campbell" <nealk3nc@...>
> >To: <acom-list@yahoogroups.com>
> >Sent: Friday, January 20, 2006 2:12 PM
> >Subject: RE: [acom-list] Re: what did i do wrong...oops
> >
> >
> > > I was discussing this with one of our local gurus. I think receive
> > > antennas
> > > are prime suspects of rf entering the shack. He told me of a local
> > > contester
> > > that had his system designed so that during transmit it disconnected
> the
> > > receive antenna to block the rf. Once the ptt was off, the receive
> antenna
> > > would restore connectivity to the rig.
> > >
> > > Have no idea what magic was used to perform this, just reporting
> what I
> > > thought was interesting!
> > >
> > > 73 Neal
> > >
> > > _____
> > >
> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On
> > > Behalf
> > > Of Bill NY9H
> > > Sent: Friday, January 20, 2006 4:02 PM
> > > To: acom-list@yahoogroups.com
> > > Subject: [acom-list] Re: what did i do wrong...oops
> > >
> > >
> > > guess i have some RF thing going on here , which is bad.
> > >
> > > using a 80 inverted L my 2000a goes into arc protect....after i hit
> a
> > > level of 400 watts. I did find out what I can do to remove the
> problem.
> > > I can turn off my alternate receive antenna on the Icom pro3!!!!!
> > >
> > > If i using the inv L as the t/r antenna no problem!!!!!
> > >
> > > At first I thought the arc was out there somewhere. Upon another

> looksee
> > > (doing the bad things again) ; I see that the 2000a power & swr
> are
> > > going to max which is probably a great reason for something to
> > > ARC!!!! (NOT GOING TO DO THIS AGAIN... at least till I do some
> > > remedial effort.
> > >
> > > My "receive" antenna IS quite close to the other antenna and is a
> > > dipole...
> > > so maybe somehow this stuff is looping around in my mess of antenna
> > > switching??? and coupling back into my exciter to amp lines???
> > > feedback ???? I did not have the time to look back at the ICOM to
> see
> > > if it went to full tilt also.
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> > > does this sound like a plausible deduction...?
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> > > other ideas (other than DON'T DO THAT AGAIN !!!!!)
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> > > It seems like if i just ground the rcv ant during xmit , i would be
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> > > Bill ny9h
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> > > SPONSORED LINKS
> > > Hobby
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> <<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobby+an
> d+cra>http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Hobb
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> > > 5ebNg-ZsVyHTzaR4PnAg> and craft supply Craft
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> 2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4
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> > > MzUUBx-hQ> hobby Hobbies
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> > > YAHOO! GROUPS LINKS
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> > > * Visit your group "acom-list
> > > <http://groups.yahoo.com/group/acom-list> " on the web.
> > >
> > >
> > > * To unsubscribe from this group, send an email to:
> > > acom-list-unsubscribe@yahoogroups.com
> > > <mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > >
> > > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service
> > > <http://docs.yahoo.com/info/terms/> .
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XXL-Speicher, PC-Virenschutz, Spartarife & mehr: Nur im WEB.DE Club!
Jetzt gratis testen! http://freemail.web.de/home/landingpad/?mc=021130

1666. LATEST PRICES!

Yahoo group: acom-list (1999 — 2009)
Date: 2006-01-31 01:20:11 UTC
From: FIL
Topic: 1666 Message: 1666

Gents!

Anyone who can provide me the latest pricelist of the ACOM amps? Either in british pound or U.S. dollar. I am in the process of buying an rf amplifier. I am 99% convinced on your evaluations.

I would gladly appreciate any information.

DU7FBT

[Non-text portions of this message have been removed]

1667. just a reminder to keep amps happy

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-04 14:57:19 UTC
From: shapiro_martin
Topic: 1667 Message: 1667

It's time to look at the foam filter behind the amp and ensure it is clean. A dust clogged filter will not allow proper air flow and cooling. I know how easy this is to forget.

I have a metal mesh pre-filter on my 2000A. The foam is indeed quite thin and this way in dusty Arizona I am keeping more dust out of the amp's innards. I clean the pre-filter and foam every 60 days and it's amazing how dusty it becomes....Now we have a clean home but between the dogs and dusty outside air I'm constantly blowing dust out of the Ham gear

Marty, ka7gkn

1668. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-12 13:10:39 UTC
From: Bob Naumann - W5OV
Topic: 1467 Message: 1668

I have to revise/correct my previous email.

I actually do have an auxiliary fan on my 2000A, but I didn't think it worked because it never ran - no matter what I did.

Until yesterday.

I was calling CQ on rtty at AA5NT into a relatively high swr antenna on 20m, and was putting out about 900w or 1Kw with about 300w reflected.

The temp was getting up around 90C or 100C according to the display. At one point, I heard the "roar" of a fan that I had not heard before.

It was my aux fan.

It ran a few seconds, the temp dropped to 80C and it shut off. Wow.

It does it's job, but - it has to be extreme for it to come on.

I tried and tried to get it come on again, so I could hear it with my headphones off, but it didn't.

Oh, and I also found that the amp keying output on a microHAM microKEYER handles the 2000A perfectly, and results in fewer switching errors than going directly from the FT1KMP amp key output. Nice value add of that device.

73,

Bob W5OV

-----Original Message-----
From: Bob Naumann - W5OV [mailto:W5OV@...]
Sent: Monday, October 03, 2005 5:34 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] acom 2000a and aux fan

Krassy knows what he's talking about.

The amp is spec'ed out very conservatively, and protected very well.

Mine has been tossed around by baggage handlers between Antigua and Dallas 4 times for CQWW SSB operations and has been used in every major contest over the last 6 years or so back here in multi-ops at AA5NT - even on rtty.

No extra fan and it works fine.

73,

Bob W5OV

-----Original Message-----
From: pawnpushing [mailto:barbiekenw@...]
Sent: Monday, October 03, 2005 5:11 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom 2000a and aux fan

While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He said "for the health of the amplifier, do not put the aux fan on it."

He said the fan results in more dust being sucked inside, and after a couple of years, it amalgrams with the coils, and you just do not have as clean an environment as you would have without the fan.

Mentioning RTTY, etc. Krassy says heat is just not a problem for the amplifier - dust is more of an exposure. Since ACOM is supplying the 4 year warranty, how can I argue with that?

This is all a bit counter-intuitive to me. Comments?

Ken K5WK/7 (ex-N6SW)

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Yahoo! Groups Links

1669. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-12 13:17:04 UTC
From: Barry
Topic: 1467 Message: 1669

Funny you mention that, Bob. Yesterday, for the first time ever, my
main fan went into "overdrive." I was on 17m RTTY calling 3Y0X (using
my 40m antenna). The temp was up to about 110C and I heard the roar of
the main fan. My aux fan runs all the time.
Barry W2UP

Bob Naumann - W5OV wrote:
> I have to revise/correct my previous email.
>
> I actually do have an auxiliary fan on my 2000A, but I didn't think it
> worked because it never ran - no matter what I did.
>
> Until yesterday.
>
> I was calling CQ on rtty at AA5NT into a relatively high swr antenna on 20m,
> and was putting out about 900w or 1Kw with about 300w reflected.
>
> The temp was getting up around 90C or 100C according to the display. At one
> point, I heard the "roar" of a fan that I had not heard before.
>
> It was my aux fan.
>
> It ran a few seconds, the temp dropped to 80C and it shut off. Wow.
>
> It does it's job, but - it has to be extreme for it to come on.
>
> I tried and tried to get it come on again, so I could hear it with my
> headphones off, but it didn't.
>
> Oh, and I also found that the amp keying output on a microHAM microKEYER
> handles the 2000A perfectly, and results in fewer switching errors than
> going directly from the FT1KMP amp key output. Nice value add of that
> device.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Bob Naumann - W5OV [mailto:W5OV@...]
> Sent: Monday, October 03, 2005 5:34 PM
> To: acom-list@yahoogroups.com
> Subject: RE: [acom-list] acom 2000a and aux fan
>
> Krassy knows what he's talking about.

>
> The amp is spec'ed out very conservatively, and protected very well.
>
> Mine has been tossed around by baggage handlers between Antigua and Dallas 4
> times for CQWW SSB operations and has been used in every major contest over
> the last 6 years or so back here in multi-ops at AA5NT - even on rtty.
>
> No extra fan and it works fine.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: pawnpushing [mailto:barbiekenw@...]
> Sent: Monday, October 03, 2005 5:11 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] acom 2000a and aux fan
>
> While ordering my Acom 2000a, I told Krassy I wanted the aux fan. He said
> "for the health of the amplifier, do not put the aux fan on it."
>
> He said the fan results in more dust being sucked inside, and after a couple
> of years, it amalgrams with the coils, and you just do not have as clean an
> environment as you would have without the fan.
>
> Mentioning RTTY, etc. Krassy says heat is just not a problem for the
> amplifier - dust is more of an exposure. Since ACOM is supplying the
> 4 year warranty, how can I argue with that?
>
> This is all a bit counter-intuitive to me. Comments?
>
>
> Ken K5WK/7 (ex-N6SW)
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Barry Kutner, W2UP
Newtown, PA

1670. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-12 14:20:23 UTC
From: G3SJJ
Topic: 1467 Message: 1670

Bob, have you tried keying the amp using the outputs from Ft1kMP band data out socket. It works well with the inhibit keying cct in th Acom amps. I have the Acom 1000 here and also a 2000a on loan, it is fine with both. Chris G3SJJ

Bob Naumann - W5OV wrote:

>Oh, and I also found that the amp keying output on a microHAM microKEYER
>handles the 2000A perfectly, and results in fewer switching errors than
>going directly from the FT1KMP amp key output. Nice value add of that
>device.
>
>73,
>
>Bob W5OV
>

1671. RE: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-12 14:33:36 UTC
From: Bob Naumann - W5OV
Topic: 1467 Message: 1671

Hi Chris,

The article and diagram for hooking that up is sitting on top of the amplifier right now.

We got the microKEYER this week to simplify the radio/computer interconnections for all modes, and I found that it also solves the amp keying problem. I could always hookup the other connection, but this seems to do it quite well.

My amplifier is at AA5NT's station so I only see it during contests!

73,

Bob

-----Original Message-----
From: G3SJJ [mailto:g3sjj@...]
Sent: Sunday, February 12, 2006 8:20 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] acom 2000a and aux fan

Bob, have you tried keying the amp using the outputs from Ft1kMP band data out socket. It works well with the inhibit keying cct in th Acom amps. I have the Acom 1000 here and also a 2000a on loan, it is fine with both.
Chris G3SJJ

Bob Naumann - W5OV wrote:

>Oh, and I also found that the amp keying output on a microHAM
>microKEYER handles the 2000A perfectly, and results in fewer switching
>errors than going directly from the FT1KMP amp key output. Nice value
>add of that device.
>
>73,
>
>Bob W5OV
>

Yahoo! Groups Links

1672. Re: [acom-list] acom 2000a and aux fan

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-12 15:16:45 UTC
From: G3SJJ
Topic: 1467 Message: 1672

OK Bob. I had the opportunity to use both systems last weekend in the FOC Marathon. I had the 2000a fed from Ant A socket and then into my main antenna system which includes verticals for 80 and 40. The 1000 was fed from Ant B socket into a trapped 80/40m dipole for close in stuff. I keyed the 2000 from the band data circuit and the 1000 from the MHam Keyer PA PTT output. I have fast rise and fall times set on the Router but didn't experience any problems on either system. It is all very good. 73 Chris

> Bob Naumann - W5OV wrote:
>
>>Hi Chris,
>>
>>The article and diagram for hooking that up is sitting on top of the
>>amplifier right now.
>>
>>We got the microKEYER this week to simplify the radio/computer
>>interconnections for all modes, and I found that it also solves the amp
>>keying problem. I could always hookup the other connection, but this seems
>>to do it quite well.
>>
>>My amplifier is at AA5NT's station so I only see it during contests!
>>
>>73,
>>
>>Bob
>>
>>-----Original Message-----
>>From: G3SJJ [mailto:g3sjj@...]
>>Sent: Sunday, February 12, 2006 8:20 AM
>>To: acom-list@yahoogroups.com
>>Subject: Re: [acom-list] acom 2000a and aux fan
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>>Bob, have you tried keying the amp using the outputs from Ft1kMP band data
>>out socket. It works well with the inhibit keying cct in th Acom amps. I
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>>
>>Bob Naumann - W5OV wrote:
>>
>>
>>
>>>Oh, and I also found that the amp keying output on a microHAM
>>>microKEYER handles the 2000A perfectly, and results in fewer switching

>>>errors than going directly from the FT1KMP amp key output. Nice value
>>>add of that device.
>>>
>>>73,
>>>
>>>Bob W5OV
>>>
>>>

1673. RTTY & ACOM Great

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-13 19:56:18 UTC
From: edctexas
Topic: 1673 Message: 1673

Not that anyone here needs to beat the drum for ACOM but this is the second test with the 2000a. I never got the kind of temps that you guys report. I can barely get 80C. There is about a 2C difference between Front and Back tubes. Don't think that is enough to worry about. The reflected power sure does make a difference in the heat generated. I just can't operate at full power on 75/80 because the SWR gets up there.

But this is a Great Amp. Helped with the 3Y0X QSOs too! The rapid band switch to go from RTTY contest to 3Y0X and back can't hardly be beat. And when the 80m antenna failed, the amp tripped off and saved itself. Pretty cool feature. Beats the old LK-550. Never need more than 40W output to drive and just quiet and cool. I hope the competition sticks with the other amps!

Really Satisfied Customer Ed KE3D

1674. Re: [acom-list] RTTY & ACOM Great

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-13 20:04:03 UTC
From: k0dan
Topic: 1673 Message: 1674

Ed...

Glad you're happy with your Acom!

I've had mine about 3 or 4 years now (?) and am still delighted with it. While I bought it for reasons of QRO, auto-tune, remote control, I think the way it self-protects itself is perhaps its best attribute. On numerous occasions, the self-protection has either pointed out a cable/switch/antenna problem I wasn't aware of, or made me look foolish because I was doing something dumb and the amp knew better than I.

73,

Dan
K0DAN

----- Original Message -----
From: "edctexas" <ed.cox@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, February 13, 2006 1:56 PM
Subject: [acom-list] RTTY & ACOM Great

> Not that anyone here needs to beat the drum for ACOM but this is the
> second test with the 2000a. I never got the kind of temps that you
> guys report. I can barely get 80C. There is about a 2C difference
> between Front and Back tubes. Don't think that is enough to worry
> about. The reflected power sure does make a difference in the heat
> generated. I just can't operate at full power on 75/80 because the
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>
> But this is a Great Amp. Helped with the 3Y0X QSOs too! The rapid
> band switch to go from RTTY contest to 3Y0X and back can't hardly be
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> itself. Pretty cool feature. Beats the old LK-550. Never need more
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> Really Satisfied Customer Ed KE3D
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1675. Question regarding ACOM 2000A and 2000S(W) switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-17 13:25:16 UTC
From: Carsten Esch
Topic: 1632 Message: 1675

Hi,

is someone using this combination? I downloaded the online manual but have some problems to understand how it works ... How can you assign antennas to a band? What user steps are needed?

For instance

- ANT1 should be used for 20 and higher on port 1
- ANT2 should be used for 30m on port 2
- ANT3 should be used for 160/80/40m on Port 3

What are the needed steps that the switching is done automatically?

Thanks!

Carsten, DL6LAU

1676. Re: [acom-list] Question regarding ACOM 2000A and 2000S(W) switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-17 13:33:00 UTC
From: Guido
Topic: 1632 Message: 1676

The last antenna you select manually, will be the one switched automatically when you will return (and transmit) on that band.
Be careful that the 2000 switch works ONLY with 2000A powered ON and operating (not in stand by), because, like I said, it switches the antennas only after transmitting.
73 de Guido, ik2bcp

----- Original Message -----
From: Carsten Esch
To: acom-list@yahoogroups.com
Sent: Friday, February 17, 2006 2:25 PM
Subject: [acom-list] Question regarding ACOM 2000A and 2000S(W) switch

Hi,

is someone using this combination? I downloaded the online manual but have
some problems to understand how it works ... How can you assign antennas to
a band? What user steps are needed?

For instance

- ANT1 should be used for 20 and higher on port 1
- ANT2 should be used for 30m on port 2
- ANT3 should be used for 160/80/40m on Port 3

What are the needed steps that the switching is done automatically?

Thanks!

Carsten, DL6LAU

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[Non-text portions of this message have been removed]

1677. Re: Question regarding ACOM 2000A and 2000S(W) switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-17 18:10:28 UTC
From: N1EU
Topic: 1632 Message: 1677

--- In acom-list@yahoogroups.com, "Guido" <guido.ted@...> wrote:
>
> Be careful that the 2000 switch works ONLY with 2000A powered ON and operating (not in stand by), because, like I said, it switches the antennas only after transmitting.

I use my 2000SW manually all the time with my 2000A powered down.

73, Barry N1EU

1678. Re: [acom-list] Re: Question regarding ACOM 2000A and 2000S(W) switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-18 00:34:53 UTC
From: ik2bcp - Guido Tedeschi
Topic: 1632 Message: 1678

----- Original Message -----
From: N1EU
To: acom-list@yahoogroups.com
Sent: Friday, February 17, 2006 7:10 PM
Subject: [acom-list] Re: Question regarding ACOM 2000A and 2000S(W) switch

> I use my 2000SW manually all the time with my 2000A powered down.

Yes, of course, scrolling up and down with the two buttons...
I was meaning "automatically" and, in my opinion, for an item of this class,
it's an issue that the controller can't be interfaced with a TTL BCD output.
73 de Guido, ik2bcp

1679. Looking For Used ACOM 1010 Amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2006-02-23 06:08:38 UTC
From: keclm
Topic: 1679 Message: 1679

Looking for used ACOM 1010 Amplifier. Can contact me through this group or directly at keclm@.... Located in N. California.

Thank You.
Ken K6SI

1680. What Type and Brand of receive/transmit relay has the Acom 1000?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-03-26 17:43:40 UTC
From: pa7two
Topic: 1680 Message: 1680

Hi all ACOM users,

Who can tell me the Brandname and extact Type# of the receive/transmit relay in the ACOM 1000 amplifier?

Thanks and regards,

73, de Kees - pa7two

1681. Re: What Type and Brand of receive/transmit relay has the Acom 1000?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-02 18:31:06 UTC
From: pa7two
Topic: 1680 Message: 1681

Hi all ACOM lovers,

Thanks for the private e-mails! Great info!

To share the info with others, it is the brand "Kilovac", type HC-1.

I ordered one by http://www.mgs4u.com/relay.htm . Used but in 100% OK condition as they promised / guaranteed me.

Vy 73, de Kees - pa7two - m5two.

--- In acom-list@yahoogroups.com, "pa7two" <m5two@...> wrote:
>
> Hi all ACOM users,
>
> Who can tell me the Brandname and extact Type# of the receive/transmit
> relay in the ACOM 1000 amplifier?
>
> Thanks and regards,
>
> 73, de Kees - pa7two
>

1682. G2 Control Circuit Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-08 12:27:34 UTC
From: Dave Hawes
Topic: 1682 Message: 1682

Today, after a period of inactivity of several days, I turned on the Acom 2000A. After the warm up timer expired, the motors turned in the amplifier and I got a "G2 Control Circuit Failure" hard fault, and the unit tripped off (power down). A second attempt to start up resulted in the same thing. On the third attempt (the charm?), the unit started up and stayed up, and appears to be working normally.

Does anyone have an idea of what happened, and why?

73 - Dave N3RD

1683. RE: [acom-list] G2 Control Circuit Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-08 12:33:17 UTC
From: Bob Naumann - W5OV
Topic: 1682 Message: 1683

Dave,

I don't recall if I had the same error message, but I did have a similar experience of intermittent behavior a few years ago.

The solution to my problem was to re-seat a socketed chip in the control head. I have not had that problem since.

Again, I'm not sure if this is the same thing or not, but it couldn't hurt to try.

73,

Bob W5OV

-----Original Message-----
From: Dave Hawes [mailto:dave.n3rd@...]
Sent: Saturday, April 08, 2006 7:28 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] G2 Control Circuit Failure

Today, after a period of inactivity of several days, I turned on the Acom 2000A. After the warm up timer expired, the motors turned in the amplifier and I got a "G2 Control Circuit Failure" hard fault, and the unit tripped off (power down). A second attempt to start up resulted in the same thing. On the third attempt (the charm?), the unit started up and stayed up, and appears to be working normally.

Does anyone have an idea of what happened, and why?

73 - Dave N3RD

Yahoo! Groups Links

1684. RE: [acom-list] G2 Control Circuit Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-08 12:40:11 UTC
From: N2TK, Tony
Topic: 1682 Message: 1684

Well, if you find out what caused your problem, maybe we can find out what periodically causes my problem.
My 2000A is in the basement on a shelf mounted near the ceiling where all the coax lines come on the house. The RCM is in the shack. The amp is always plugged in and the power switch is always on. Every once in a while when I turn on the amp from the RCM, it kicks off after several seconds with a low bias alarm. To remedy this I unplug the amp for a few minutes. Then plug it in and everything is fine for maybe a month or two.

Hopefully it never gets worse than this.
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Dave Hawes
Sent: Saturday, April 08, 2006 8:28 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] G2 Control Circuit Failure

Today, after a period of inactivity of several days, I turned on the Acom 2000A. After the warm up timer expired, the motors turned in the amplifier and I got a "G2 Control Circuit Failure" hard fault, and the unit tripped off (power down). A second attempt to start up resulted in the same thing. On the third attempt (the charm?), the unit started up and stayed up, and appears to be working normally.

Does anyone have an idea of what happened, and why?

73 - Dave N3RD

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[Non-text portions of this message have been removed]

1685. RE: [acom-list] G2 Control Circuit Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-08 14:00:20 UTC
From: Dave Hawes
Topic: 1682 Message: 1685

Thanks for the tip, Bob. If it recurrs, I'll give that a try.

Dave

On 8 Apr 2006 at 7:33, Bob Naumann - W5OV wrote:

> Dave,
>
> I don't recall if I had the same error message, but I did have a
> similar experience of intermittent behavior a few years ago.
>
> The solution to my problem was to re-seat a socketed chip in the
> control head. I have not had that problem since.
>
> Again, I'm not sure if this is the same thing or not, but it couldn't
> hurt to try.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Dave Hawes [mailto:dave.n3rd@...]
> Sent: Saturday, April 08, 2006 7:28 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] G2 Control Circuit Failure
>
> Today, after a period of inactivity of several days, I turned on the
> Acom 2000A. After the warm up timer expired, the motors turned in the
> amplifier and I got a "G2 Control Circuit Failure" hard fault, and the
> unit tripped off (power down). A second attempt to start up resulted
> in the same thing. On the third attempt (the charm?), the unit started
> up and stayed up, and appears to be working normally.
>
> Does anyone have an idea of what happened, and why?
>
> 73 - Dave N3RD
>
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1686. Re: [acom-list] G2 Control Circuit Failure

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-08 13:54:52 UTC
From: Ron NØAT
Topic: 1682 Message: 1686

Dave,

Let me know if you get any info on what is causing the problem with your 2000A. I have been having similar issues with my amplifier.

In my case, the amplifier sometimes displays "G2 voltage too low 20V" Sometimes it does not display anything, sometimes it just shuts down. After I start it back up, it operates normally.

73 de Ron N?AT

----- Original Message -----
From: "Dave Hawes" <dave.n3rd@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 08, 2006 07:27
Subject: [acom-list] G2 Control Circuit Failure

Today, after a period of inactivity of several days, I turned on the Acom 2000A. After the warm up timer expired, the motors turned in the amplifier and I got a "G2 Control Circuit Failure" hard fault, and the unit tripped off (power down). A second attempt to start up resulted in the same thing. On the third attempt (the charm?), the unit started up and stayed up, and appears to be working normally.

Does anyone have an idea of what happened, and why?

73 - Dave N3RD

Yahoo! Groups Links

1687. "Heater" warning

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-15 02:16:01 UTC
From: Hal Kennedy
Topic: 1687 Message: 1687

The yellow "Heater" LED on the RCU of one of my 2000As has started lighting intermittently. Anyone know what this indicates? The amp still seems to be working FB.

Heater current for both tubes is indicated at 3.5A.

Hal

N4GG

[Non-text portions of this message have been removed]

1688. Re: [acom-list] "Heater" warning

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-15 02:57:07 UTC
From: Pat Twentythree
Topic: 1687 Message: 1688

Hi Hal,

I had the same problem and it was from my line voltage sagging below 220 volts. When the voltage went under 220 the heater LED came on and when it went back up over 220 volts it went off. I call ACOM and spoke to Will about it and he said not to worry the amplifier will operate with out any problems and that I would not damage anything.

73,
Pat W1KA

Hal Kennedy <halken@...> wrote:
The yellow "Heater" LED on the RCU of one of my 2000As has started
lighting intermittently. Anyone know what this indicates? The amp
still seems to be working FB.

Heater current for both tubes is indicated at 3.5A.

Hal

N4GG

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1689. Bad Filament Connectors?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-16 03:25:15 UTC
From: Hal Kennedy
Topic: 1689 Message: 1689

Traced my 2000A heater warning to low heater voltage and low heater current. 11.5V and about 3.4 amps. My second 2000A reads 13V and 3.7 amps. So, I guess I have the burnt filament connector problem. In looking through the amp tonight however, I've looked at the filament connectors and don't see anything obvious.

Can someone steer me to the connectors that tend to fail?

TNX,

Hal

N4GG

[Non-text portions of this message have been removed]

1690. Low Bias alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-17 21:39:09 UTC
From: N2TK, Tony
Topic: 1690 Message: 1690

My 2000A has developed a problem. At first it was intermittent. Now it happens every time I cycle the amp. My 2000A is in the basement on a shelf mounted near the ceiling where all the coax lines come on the house. The RCM is in the shack. The amp is always plugged in and the power switch is always on. When I turn on the amp from the RCM, it kicks off after several seconds with a low bias alarm. To remedy this I unplug the amp for a few minutes. Then plug it in and everything is fine until I turn it off and try to turn it ON again.

Any ideas?

Here are the readouts when the amp turns on:
Bias -119V
Screen V 10V
Mains 248V
IF Front and Rear 3.8A
HV 2.88KV
Fil-V 13.0V

Tnx
N2TK, Tony

[Non-text portions of this message have been removed]

1691. Low Bias alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-17 22:21:17 UTC
From: Maximo EA1DDO/HK1DX
Topic: 1690 Message: 1691

Hi Tony,

I had the same problem (looks like) and it was a bad resistor. Please read below the answer from Stan.
I attached some pics.

Just to let you know that finally I changed that resistor and working fine again and the service from Acom was great.

Regards, Maximo - EA1DDO / HK1DX

N2TK, Tony <tony.kaz@...>
Responder a: acom-list@yahoogroups.com
Enviado el: Monday, April 17, 2006 9:39:09 PM
Para: <acom-list@yahoogroups.com>
Asunto: [acom-list] Low Bias alarm

My 2000A has developed a problem. At first it was intermittent. Now it happens every time I cycle the amp. My 2000A is in the basement on a shelf mounted near the ceiling where all the coax lines come on the house. The RCM is in the shack. The amp is always plugged in and the power switch is always on. When I turn on the amp from the RCM, it kicks off after several seconds with a low bias alarm. To remedy this I unplug the amp for a few minutes. Then plug it in and everything is fine until I turn it off and try to turn it ON again.

Any ideas?

Here are the readouts when the amp turns on:
Bias -119V
Screen V 10V
Mains 248V
IF Front and Rear 3.8A
HV 2.88KV
Fil-V 13.0V

Tnx
N2TK, Tony

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http://www.EA1DDO.es

>From: <acom@...>
>To: "Maximo Martin" <ea1ddo@...>

>Subject: Looking over R5
>Date: Mon, 4 Jul 2005 13:39:13 +0200
>
>Hello Maximo,
>
>OK about the "BIAS too low..." message. I would suggest to make a simple
>check before sending the amplifier here since I can suppose where the
>problem is. This could save time and money and what is more important - the
>risk of any damage during a transportation.
>
>In case that the warranty period would expire during these tests, ACOM will
>recognize your warranty.
>
>My suggestion follows:
>
>1. Open the Tube Deck bottom cover - please look at the attached picture
>"TD_Bottom_Cover.jpg". Please be careful while opening since a PCB and the
>RF swamping 50-Ohm resistor are installed on the aluminium cover - look at
>"TubeDeck_Open.jpg".
>
>2. Please look over the resistor R5 as designated in the picture
>TubeDeck_R5.jpg. If it is of the same type and light-green colour as the
>one shown in the picture, the problem is in this resistor and it is to be
>replaced. I shall give you replacement instructions in this case.
>
>If the resistor is of another type, most likely the problem is in either
>tube. I shall give you other instructions on how to proceed.
>
>Please inform me again.
>
>73 de Stan LZ1IU
>Sofia, 4 July 2005.
>

[Non-text portions of this message have been removed]

1692. RE: Low Bias alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-17 22:45:59 UTC
From: N2TK, Tony
Topic: 1690 Message: 1692

Tnx Maximo for the info. Will check the resistor.
73,
N2TK, Tony

-----Original Message-----
From: Maximo EA1DDO/HK1DX [mailto:ea1ddo@...]
Sent: Monday, April 17, 2006 6:21 PM
To: acom-list@yahoogroups.com
Cc: tony.kaz@...
Subject: Low Bias alarm

Hi Tony,

I had the same problem (looks like) and it was a bad resistor. Please read below the answer from Stan.
I attached some pics.

Just to let you know that finally I changed that resistor and working fine again and the service from Acom was great.

Regards, Maximo - EA1DDO / HK1DX

N2TK, Tony <tony.kaz@...>
Responder a: acom-list@yahoogroups.com
Enviado el: Monday, April 17, 2006 9:39:09 PM
Para: <acom-list@yahoogroups.com>
Asunto: [acom-list] Low Bias alarm

My 2000A has developed a problem. At first it was intermittent. Now it happens every time I cycle the amp. My 2000A is in the basement on a shelf mounted near the ceiling where all the coax lines come on the house. The RCM is in the shack. The amp is always plugged in and the power switch is always on. When I turn on the amp from the RCM, it kicks off after several seconds with a low bias alarm. To remedy this I unplug the amp for a few minutes. Then plug it in and everything is fine until I turn it off and try to turn it ON again.

Any ideas?

Here are the readouts when the amp turns on:
Bias -119V
Screen V 10V
Mains 248V
IF Front and Rear 3.8A
HV 2.88KV
Fil-V 13.0V

Tnx
N2TK, Tony

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http://www.EA1DDO.es

>From: <acom@...>
>To: "Maximo Martin" <ea1ddo@...>
>Subject: Looking over R5
>Date: Mon, 4 Jul 2005 13:39:13 +0200
>
>Hello Maximo,
>
>OK about the "BIAS too low..." message. I would suggest to make a simple
>check before sending the amplifier here since I can suppose where the
>problem is. This could save time and money and what is more important - the
>risk of any damage during a transportation.
>
>In case that the warranty period would expire during these tests, ACOM will
>recognize your warranty.
>
>My suggestion follows:
>
>1. Open the Tube Deck bottom cover - please look at the attached picture
>"TD_Bottom_Cover.jpg". Please be careful while opening since a PCB and the
>RF swamping 50-Ohm resistor are installed on the aluminium cover - look at
>"TubeDeck_Open.jpg".
>
>2. Please look over the resistor R5 as designated in the picture
>TubeDeck_R5.jpg. If it is of the same type and light-green colour as the
>one shown in the picture, the problem is in this resistor and it is to be
>replaced. I shall give you replacement instructions in this case.
>
>If the resistor is of another type, most likely the problem is in either
>tube. I shall give you other instructions on how to proceed.
>
>Please inform me again.
>
>73 de Stan LZ1IU
>Sofia, 4 July 2005.
>

1693. RE: Low Bias alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-22 22:45:01 UTC
From: N2TK, Tony
Topic: 1690 Message: 1693

Stan and Will came to the rescue with flying colors. Had me trouble shoot down to the Low Voltage power Supply board. Turned out to be C2 was bad. Replaced it and all is well. Great support!
Tnx
N2TK, Tony

-----Original Message-----
From: N2TK, Tony [mailto:tony.kaz@...]
Sent: Monday, April 17, 2006 6:46 PM
To: 'Maximo EA1DDO/HK1DX'; 'acom-list@yahoogroups.com'
Subject: RE: Low Bias alarm

Tnx Maximo for the info. Will check the resistor.
73,
N2TK, Tony

-----Original Message-----
From: Maximo EA1DDO/HK1DX [mailto:ea1ddo@...]
Sent: Monday, April 17, 2006 6:21 PM
To: acom-list@yahoogroups.com
Cc: tony.kaz@...
Subject: Low Bias alarm

Hi Tony,

I had the same problem (looks like) and it was a bad resistor. Please read below the answer from Stan.
I attached some pics.

Just to let you know that finally I changed that resistor and working fine again and the service from Acom was great.

Regards, Maximo - EA1DDO / HK1DX

N2TK, Tony <tony.kaz@...>
Responder a: acom-list@yahoogroups.com
Enviado el: Monday, April 17, 2006 9:39:09 PM
Para: <acom-list@yahoogroups.com>
Asunto: [acom-list] Low Bias alarm

My 2000A has developed a problem. At first it was intermittent. Now it happens every time I cycle the amp. My 2000A is in the basement on a shelf mounted near the ceiling where all the coax lines come on the house. The RCM is in the shack. The amp is always plugged in and the power switch is always on. When I turn on the amp from the RCM, it kicks off after several seconds with a low bias alarm. To remedy this I unplug the amp for a few minutes. Then plug it in and everything is fine until I turn it off and try to turn

it ON again.

Any ideas?

Here are the readouts when the amp turns on:
Bias -119V
Screen V 10V
Mains 248V
IF Front and Rear 3.8A
HV 2.88KV
Fil-V 13.0V

Tnx
N2TK, Tony

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http://www.EA1DDO.es

>From: <acom@...>
>To: "Maximo Martin" <ea1ddo@...>
>Subject: Looking over R5
>Date: Mon, 4 Jul 2005 13:39:13 +0200
>
>Hello Maximo,
>
>OK about the "BIAS too low..." message. I would suggest to make a simple
>check before sending the amplifier here since I can suppose where the
>problem is. This could save time and money and what is more important - the
>risk of any damage during a transportation.
>
>In case that the warranty period would expire during these tests, ACOM will
>recognize your warranty.
>
>My suggestion follows:
>
>1. Open the Tube Deck bottom cover - please look at the attached picture
>"TD_Bottom_Cover.jpg". Please be careful while opening since a PCB and the
>RF swamping 50-Ohm resistor are installed on the aluminium cover - look at
>"TubeDeck_Open.jpg".
>
>2. Please look over the resistor R5 as designated in the picture
>TubeDeck_R5.jpg. If it is of the same type and light-green colour as the
>one shown in the picture, the problem is in this resistor and it is to be
>replaced. I shall give you replacement instructions in this case.
>
>If the resistor is of another type, most likely the problem is in either
>tube. I shall give you other instructions on how to proceed.
>

>Please inform me again.
>
>73 de Stan LZ1IU
>Sofia, 4 July 2005.
>

1694. Acom 1000 24v fault

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 00:08:34 UTC
From: Frank J. Connelly
Topic: 1694 Message: 1694

Looking for some help.

Fired up the 1000 today after a few weeks of non-use. Received the following fault code: SB2E
The code shows up within two seconds after energizing the amp.

The full readout is:

1A SB2E 000000 000000
1B B193 0720DC DF6FE1

I know the SB2E is a 24v power supply error. Any help on what is causing it?

Thanks,
Frank-W7ND

1695. Re: [acom-list] Acom 1000 24v fault

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 04:57:28 UTC
From: Frank J. Connelly
Topic: 1694 Message: 1695

Here is a follow-up to my own post.

I removed the bottom cover plate underneath the tube socket. There was quite a bit of dust in their as well as a couple of small dust cob webs between componets. After cleaning things up and blowing some canned air in there, everything is back to normal. My guess is that the dust and dirt was the culprit.

Even though the Acom 1000 manual says there is no need to ever open up the case for routine cleaning, I'd suggest doing it once a year. A foam filter on the air intake wouldn't hurt either.

73,
Frank-W7ND

On Apr 22, 2006, at 5:08 PM, Frank J. Connelly wrote:

> Looking for some help.
>
> Fired up the 1000 today after a few weeks of non-use. Received the
> following fault code: SB2E
> The code shows up within two seconds after energizing the amp.
>
>
> The full readout is:
>
> 1A SB2E 000000 000000
> 1B B193 0720DC DF6FE1
>
> I know the SB2E is a 24v power supply error. Any help on what is
> causing it?
>
> Thanks,
> Frank-W7ND
>
>
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> Yahoo! Groups Links
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1696. RE: [acom-list] Acom 1000 24v fault

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 11:50:10 UTC
From: N2TK, Tony
Topic: 1694 Message: 1696

Hi Frank,
I had to take apart my 2000A to replace a cap. I haven't had it apart for a couple of years, even though I use it often. I have been using a high density cut-up furnace filter on the external fan that was an option on my 2000A. I change the filter once or twice a year. Since I had it apart I took out the tubes to blow out the dust. Virtually nothing came out. I have used the external filter since I bought the amp 5 ? years ago. It is nice and clean inside the amp.
73,
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Frank J. Connelly
Sent: Sunday, April 23, 2006 12:57 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 1000 24v fault

Here is a follow-up to my own post.

I removed the bottom cover plate underneath the tube socket. There was quite a bit of dust in their as well as a couple of small dust cob webs between componets. After cleaning things up and blowing some canned air in there, everything is back to normal. My guess is that the dust and dirt was the culprit.

Even though the Acom 1000 manual says there is no need to ever open up the case for routine cleaning, I'd suggest doing it once a year. A foam filter on the air intake wouldn't hurt either.

73,
Frank-W7ND

On Apr 22, 2006, at 5:08 PM, Frank J. Connelly wrote:

> Looking for some help.
>
> Fired up the 1000 today after a few weeks of non-use. Received the
> following fault code: SB2E
> The code shows up within two seconds after energizing the amp.
>
>
> The full readout is:
>
> 1A SB2E 000000 000000
> 1B B193 0720DC DF6FE1
>

> I know the SB2E is a 24v power supply error. Any help on what is
> causing it?
>
> Thanks,
> Frank-W7ND
>
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> Yahoo! Groups Links
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YAHOO! GROUPS LINKS

* Visit your group " acom-list
<http://groups.yahoo.com/group/acom-list> " on the web.

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1697. Re: [acom-list] heater led flashing

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 11:28:35 UTC
From: Bill NY9H
Topic: 1689 Message: 1697

since i fired it up this AM the heater LED is flashing...

13.3-4 volts on the fil-v and 3.7-3.8 on both F & R......

mains at 252...

If the control is displaying fil V on left & right the led does not flash....

amp appears to be operating correctly...

bill

1698. [acom-list] Acom 1000 24v fault

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 16:48:57 UTC
From: Frank J. Connelly
Topic: 1694 Message: 1698

Thanks Tony. I'm afraid I spoke to soon. Turned the amp on this morning and the SB2E message/problem has returned.

Can somebody send me the excel sheet that has all of the error codes. Also, what is the best way to reach Acom? I presume phone is better than E-mail.

Of course this problem had to wait to surface until the amp was just out of warranty.

Thanks.

Frank

On Apr 23, 2006, at 4:50 AM, N2TK, Tony wrote:

> Hi Frank,
> I had to take apart my 2000A to replace a cap. I haven't had it
> apart for a
> couple of years, even though I use it often. I have been using a high
> density cut-up furnace filter on the external fan that was an
> option on my
> 2000A. I change the filter once or twice a year. Since I had it
> apart I took
> out the tubes to blow out the dust. Virtually nothing came out. I
> have used
> the external filter since I bought the amp 5 ? years ago. It is
> nice and
> clean inside the amp.
> 73,
> N2TK, Tony
>
> -----Original Message-----

1699. RE: [acom-list] Acom 1000 24v fault

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 16:56:04 UTC
From: N2TK, Tony
Topic: 1694 Message: 1699

Try calling Will at (508) 359-5990 or email him will@.... He
was quick to respond.
If you get a list of the error codes, please pass them along or at least
post them to the group.

Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf
Of Frank J. Connelly
Sent: Sunday, April 23, 2006 12:49 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 1000 24v fault

Thanks Tony. I'm afraid I spoke to soon. Turned the amp on this
morning and the SB2E message/problem has returned.

Can somebody send me the excel sheet that has all of the error
codes. Also, what is the best way to reach Acom? I presume phone is
better than E-mail.

Of course this problem had to wait to surface until the amp was just
out of warranty.

Thanks.

Frank

On Apr 23, 2006, at 4:50 AM, N2TK, Tony wrote:

> Hi Frank,
> I had to take apart my 2000A to replace a cap. I haven't had it
> apart for a
> couple of years, even though I use it often. I have been using a high
> density cut-up furnace filter on the external fan that was an
> option on my
> 2000A. I change the filter once or twice a year. Since I had it
> apart I took
> out the tubes to blow out the dust. Virtually nothing came out. I
> have used
> the external filter since I bought the amp 5 ? years ago. It is
> nice and
> clean inside the amp.
> 73,
> N2TK, Tony
>
> -----Original Message-----

YAHOO! GROUPS LINKS

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<http://groups.yahoo.com/group/acom-list> " on the web.

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1700. Re: [acom-list] heater led flashing--NO MORE

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-23 16:20:46 UTC
From: Bill NY9H
Topic: 1689 Message: 1700

I guess that it was telling me the line voltage was a bit too high,,,,

since it went to 246 all is fine , fil-v @ 13.1,,,& 3.7 amps,,,
guess 252 is too high,,,,

(I couldn't baby sit for this box better.....)

another thing I noticed,,,
there is rfi/emi coming off the control panel,,, it opens the sq on
my 2 meter talkie,,,, if i put it in the measure mode the freq
shifts a bit,,,,
(----computers !!!!)

tnx acom for a fine machine,,, CU at dayton

bill NY9H,,,,

At 06:28 AM 4/23/2006, you wrote:

>since i fired it up this AM the heater LED is flashing...
>
>13.3-4 volts on the fil-v and 3.7-3.8 on both F & R......
>
>mains at 252...
>
>If the control is displaying fil V on left & right the led does not flash....
>
>amp appears to be operating correctly...
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>bill
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>Yahoo! Groups Links
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1701. switch off behaviour

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-24 07:19:59 UTC
From: Thomas Herrmann
Topic: 1701 Message: 1701

Switching off my ACOM 2000A by RCU "Power on/off" botton (while main power at amplifier is still on), there are two different status, changeing from time to time:

- RCU LCD is bright and showing the Call with high contrast
- RCU LCD is off (dark) showing the Call with low contrast.

Switching off/on the main power at amlifier just for a moment, the RCU LCD remains dark. What is the correct behaviour ? May it be a question of main power voltage ? Should i switch the main power voltage range in the amplifier power supply ?

Thank You in advance for Your replays.
73 de Thomas, DL1AMQ

SMS schreiben mit WEB.DE FreeMail - einfach, schnell und
kostenguenstig. Jetzt gleich testen! http://f.web.de/?mc=021192

1702. Acom 1000 advice needed

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-29 13:54:49 UTC
From: m0mrr
Topic: 1702 Message: 1702

I have been so impressed with my IC-7000 that I just sold my FT-897
and plan to use the money to put towards an Acom 1000 amplifier.

Can anyone tell me what is involved in correct interfacing to this amp?

regards Mark M0MRR

1703. remote control of 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-30 11:15:14 UTC
From: Eric Scace K3NA
Topic: 1703 Message: 1703

Hi --

Does a software tool exist to monitor an Acom 2000A's
performance, and turn it on/off?

I have the start of a remote-controlled station but am
not thrilled about transmitting without being able to see
what the amp is doing.

Thanks.

-- Eric K3NA

1704. Re: Acom 1000 advice needed

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-30 16:09:43 UTC
From: Bob Sampson
Topic: 1702 Message: 1704

Mark,

The keying current requirement for the Acom 1000 is very low. 20 ma as I recall. There is an on-line manual in pdf format that you could doublecheck.

The 7000 should be able to handle keying without an interface that is often required of other amplifiers but, be sure to check your 7000 manual and confirm the keying current it will handle.

The only connections from your 7000 to the Acom would be the coax cable and a keying line. The Acom does not have ALC.

Again, read the on-line Acom 1000 operating manual at http://www.hfpower.com/. Lots of good information there.

73,

Bob
K6MBY

--- In acom-list@yahoogroups.com, "m0mrr" <m.rabel@...> wrote:
>
> I have been so impressed with my IC-7000 that I just sold my FT-897
> and plan to use the money to put towards an Acom 1000 amplifier.
>
> Can anyone tell me what is involved in correct interfacing to this amp?
>
> regards Mark M0MRR
>

1705. Re: Acom 1000 advice needed

Yahoo group: acom-list (1999 — 2009)
Date: 2006-04-30 21:08:43 UTC
From: m0mrr
Topic: 1702 Message: 1705

Thanks Bob, and others who emailed me directly. I now have the
information I need and hope to pick up the Acom 1000 next weekend.

73 de Mark M0MRR

--- In acom-list@yahoogroups.com, "Bob Sampson" <k6mby@...> wrote:
>
> Mark,
>
> The keying current requirement for the Acom 1000 is very low. 20
ma
> as I recall. There is an on-line manual in pdf format that you
> could doublecheck.
>
> The 7000 should be able to handle keying without an interface that
> is often required of other amplifiers but, be sure to check your
> 7000 manual and confirm the keying current it will handle.
>
> The only connections from your 7000 to the Acom would be the coax
> cable and a keying line. The Acom does not have ALC.
>
> Again, read the on-line Acom 1000 operating manual at
> http://www.hfpower.com/. Lots of good information there.
>
> 73,
>
> Bob
> K6MBY
>

1706. Re: [acom-list] Acom 1000 advice needed

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-02 00:16:39 UTC
From: VA3MW - Port Credit
Topic: 1702 Message: 1706

Just hook up the PTT line from the IC-7000
----- Original Message -----
From: "m0mrr" <m.rabel@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 29, 2006 9:54 AM
Subject: [acom-list] Acom 1000 advice needed

>I have been so impressed with my IC-7000 that I just sold my FT-897
> and plan to use the money to put towards an Acom 1000 amplifier.
>
> Can anyone tell me what is involved in correct interfacing to this amp?
>
> regards Mark M0MRR
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> Yahoo! Groups Links
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1708. Re: [acom-list] Best dipole lengths

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-08 16:00:08 UTC
From: G3SJJ
Topic: 1708 Message: 1708

Mark, I think if that was available many trapped antennas and matching units would be made redundant!

I suggest three things :
- take the discussion off this Reflector is it is not really appropriate for basic antenna questions.
- buy a copy of EZNEC and model various antennas against different frequencies.
- join something like UK Contest Reflector where there is a wealth of technical knowledge for more general questions regarding antenna theory and practice.

As a starter, have you considered parallel dipoles? Why not just make up a 20m dipole and concentrate on that band for a while since it has been in very good shape recently compared to the other HF bands.

Chris G3SJJ

m0mrr wrote:
> Acom 1000 now arrived and in situ. - What a nice piece of kit!
>
> In my limited garden space I have a dipole set up, currently on a 15m
> half wave dipole (each leg approx 11ft) the Acom will match from 20m -
> thru to 6m. Does anyone have any experience with one optimum dipole
> length that the Acom will match across different bands?
>
> regards Mark
>
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> Yahoo! Groups Links
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1710. acom2000 problems

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-11 13:47:28 UTC
From: on4iq
Topic: 1710 Message: 1710

After 2 days of not being active I switched on the acom2000 and the amp refuses to switch bands when applying drive.

Its stuck on 17m where it deliveres full output (so RF wise all ok) I've opened the amp and the steppmotor runs freely, bandswitch can be moved by hand and upon start up the stepp turn.

Its just the Rf freq ssensing that seems to be broken.

Having checked the diagram it the CPU print that does all the work.

Unfortunately the amp is out of warrenty.

Now the question: Has anyone experienced similar problems?
Is it feasable to go trouble shooting on the CPU board?

Is it time to look for another amp?
73
Johan

1711. RE: [acom-list] acom2000 problems

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-11 14:27:53 UTC
From: Maximo EA1DDO/HK1DX
Topic: 1710 Message: 1711

Hi,

With or without warranty, the Acom Service Dept. can help you, they are very
good people.
A new amp?? Never.

73, Maximo - EA1DDO.

_\\|//_
(o o)
--ooO-(_)-Ooo----
http://www.EA1DDO.es
http://www.HK1DX.com

>From: "on4iq" <on4iq@...>
>Reply-To: acom-list@yahoogroups.com
>To: acom-list@yahoogroups.com
>Subject: [acom-list] acom2000 problems
>Date: Thu, 11 May 2006 13:47:28 -0000
>
>After 2 days of not being active I switched on the acom2000 and the
>amp refuses to switch bands when applying drive.
>
>Its stuck on 17m where it deliveres full output (so RF wise all ok)
>I've opened the amp and the steppmotor runs freely, bandswitch can
>be moved by hand and upon start up the stepp turn.
>
>Its just the Rf freq ssensing that seems to be broken.
>
>Having checked the diagram it the CPU print that does all the work.
>
>Unfortunately the amp is out of warrenty.
>
>Now the question: Has anyone experienced similar problems?
>Is it feasable to go trouble shooting on the CPU board?
>
>Is it time to look for another amp?
>73
>Johan
>
>
>
>

1712. RE: [acom-list] acom2000 problems

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-11 14:23:17 UTC
From: Peter Naumburg
Topic: 1710 Message: 1712

Johan
I would guess the problem in not in your amp but rather the controls. If you are using relays or cables to control the amp I would look there.
Keep Smiling,
Peter
K5HAB

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of on4iq
Sent: Thursday, May 11, 2006 7:47 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom2000 problems

After 2 days of not being active I switched on the acom2000 and the amp refuses to switch bands when applying drive.

Its stuck on 17m where it deliveres full output (so RF wise all ok)
I've opened the amp and the steppmotor runs freely, bandswitch can be moved by hand and upon start up the stepp turn.

Its just the Rf freq ssensing that seems to be broken.

Having checked the diagram it the CPU print that does all the work.

Unfortunately the amp is out of warrenty.

Now the question: Has anyone experienced similar problems?
Is it feasable to go trouble shooting on the CPU board?

Is it time to look for another amp?
73
Johan

Yahoo! Groups Links

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.5.5/335 - Release Date: 5/9/2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.5.5/335 - Release Date: 5/9/2006

1713. RE: [acom-list] acom2000 problems

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-11 15:21:32 UTC
From: N2TK, Tony
Topic: 1710 Message: 1713

Contact Acom. They are very helpful. My amp was out of warranty too. But
they did an outstanding job of helping me solve a problem with my 2000A.
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf
Of on4iq
Sent: Thursday, May 11, 2006 9:47 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom2000 problems

After 2 days of not being active I switched on the acom2000 and the
amp refuses to switch bands when applying drive.

Its stuck on 17m where it deliveres full output (so RF wise all ok)
I've opened the amp and the steppmotor runs freely, bandswitch can
be moved by hand and upon start up the stepp turn.

Its just the Rf freq ssensing that seems to be broken.

Having checked the diagram it the CPU print that does all the work.

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Now the question: Has anyone experienced similar problems?
Is it feasable to go trouble shooting on the CPU board?

Is it time to look for another amp?
73
Johan

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5ebNg-ZsVyHTzaR4PnAg>
Craft hobby
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supply&w
2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=_8V4kQCK4PEN_
MzUUBx-hQ>
Hobbies and crafts
<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+craft+s
upply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=J-__6L
1W_lZQ58dekNdHLA>
Ham radio
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply&w2=
Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&c=4&s=84&.sig=OzrEr-gq6h7guAF

s73WsoQ>

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<http://groups.yahoo.com/group/acom-list> " on the web.

* To unsubscribe from this group, send an email to:
acom-list-unsubscribe@yahoogroups.com
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

1714. Acom 2000 For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-23 18:30:04 UTC
From: rrkpl
Topic: 1714 Message: 1714

I have an Acom 2000 in excellent condition for sale. I purchased it for my station in New Hampshire used it lightly for six months and then moved to a town house in the Atlanta area. Since being down here I have used it a few times set up for 117 volt operation at about
400 watts but kept getting into the neighbors appliances so it sits in it's box. I am asking
$4000.00 and would like pick up in the Atlanta area or I would drive a reasonable distance to
meet.

Guaranteed to work as new. I can be reached at 404-395-0292.

Richard/ N1VXW

1715. Re: Acom 2000 For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-23 19:06:39 UTC
From: rrkpl
Topic: 1714 Message: 1715

Amp is sold, Thanks

--- In acom-list@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
> I have an Acom 2000 in excellent condition for sale. I purchased it for my station in New
> Hampshire used it lightly for six months and then moved to a town house in the Atlanta
> area. Since being down here I have used it a few times set up for 117 volt operation at
about
> 400 watts but kept getting into the neighbors appliances so it sits in it's box. I am
asking
> $4000.00 and would like pick up in the Atlanta area or I would drive a reasonable
distance
to
> meet.
>
> Guaranteed to work as new. I can be reached at 404-395-0292.
>
> Richard/ N1VXW
>

1716. Re: [acom-list] Re: Acom 2000 For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-23 20:04:11 UTC
From: Barry
Topic: 1714 Message: 1716

I didn't think it would take long at that price!
Barry W2UP

rrkpl wrote:
> Amp is sold, Thanks
>
>
> --- In acom-list@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
>> I have an Acom 2000 in excellent condition for sale. I purchased it for my station in
New
>> Hampshire used it lightly for six months and then moved to a town house in the Atlanta
>> area. Since being down here I have used it a few times set up for 117 volt operation at
>>
> about
>
>> 400 watts but kept getting into the neighbors appliances so it sits in it's box. I am
asking
>> $4000.00 and would like pick up in the Atlanta area or I would drive a reasonable
distance
>>
> to
>
>> meet.
>>
>> Guaranteed to work as new. I can be reached at 404-395-0292.
>>
>> Richard/ N1VXW
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Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1717. RE: [acom-list] Re: Acom 2000 For Sale

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-24 01:26:04 UTC
From: Robert Naumann
Topic: 1714 Message: 1717

Exactly.

Since it's worth at least $6K, someone got a bargain.

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Tuesday, May 23, 2006 3:04 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Acom 2000 For Sale

I didn't think it would take long at that price!
Barry W2UP

rrkpl wrote:
> Amp is sold, Thanks
>
>
> --- In acom-list@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
>> I have an Acom 2000 in excellent condition for sale. I purchased it for
my station in New
>> Hampshire used it lightly for six months and then moved to a town house
in the Atlanta
>> area. Since being down here I have used it a few times set up for 117
volt operation at
>>
> about
>
>> 400 watts but kept getting into the neighbors appliances so it sits in
it's box. I am asking
>> $4000.00 and would like pick up in the Atlanta area or I would drive a
reasonable distance
>>
> to
>
>> meet.
>>
>> Guaranteed to work as new. I can be reached at 404-395-0292.
>>
>> Richard/ N1VXW
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Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1718. Acom 2S1 Commutator without TXINHIBIT

Yahoo group: acom-list (1999 — 2009)
Date: 2006-05-26 23:49:07 UTC
From: Jim Idelson
Topic: 1718 Message: 1718

Has anybody adapted the 2S1 to a pair of radios that don't have the TXINHIBIT or MUTE input? I believe this will require a separate box with relays to cut off cw, mic audio and ptt lines when the TXINHIBIT signal is asserted by the 2S1 box.

I will be operating at one of the multi-single stations in PY and want to use the 2S1 there without having to bring FT1000MPs. The radios at the station are an FT-920 and an IC-756 Pro II.

Any help here?

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1719. FS: Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-14 21:34:41 UTC
From: k5xtx1
Topic: 1719 Message: 1719

I have an Acom 1000 amp for sale that I purchased new in the fall
of '04. I cannot run much power without irritating the neighbors so it
has been used probably less then 10 hours. I am asking $2,800 shipped
in the ConUS.
John K5XTX

1720. Re: FS: Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-15 03:41:20 UTC
From: k5xtx1
Topic: 1719 Message: 1720

Sold.
Thanks,
John K5XTX

--- In acom-list@yahoogroups.com, "k5xtx1" <k5xtx@...> wrote:
>
> I have an Acom 1000 amp for sale that I purchased new in the fall
> of '04. I cannot run much power without irritating the neighbors so
it
> has been used probably less then 10 hours. I am asking $2,800 shipped
> in the ConUS.
> John K5XTX
>

1721. ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-19 21:58:42 UTC
From: rolandguidry70578
Topic: 1721 Message: 1721

Is anyone using the ACOM Tools software that can be downloaded from the ACOM site to control their ACOM 2000a with software rather than the control unit? Any problems?

I would like to turn on the amplifier, connect to it and even auto tune if I need too, from my desktop position. The amplifier is sitting a good distance from my operating position, so it would be rather convenient if I could use the software.

Thanks in advance for the information

Roland NA5Q

1722. Re: [acom-list] ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-19 22:33:17 UTC
From: Michael Prior-Jones, VP8DJB
Topic: 1721 Message: 1722

Quoting rolandguidry70578 <na5q@...>:

> Is anyone using the ACOM Tools software that can be downloaded from
> the ACOM site to control their ACOM 2000a with software rather than
> the control unit? Any problems?
>
> I would like to turn on the amplifier, connect to it and even auto
> tune if I need too, from my desktop position. The amplifier is sitting
> a good distance from my operating position, so it would be rather
> convenient if I could use the software.

Hi Roland,

I'm using the Acom Tools software to control my ACOM 2000 over a distance of about 150m, although I'm cheating slightly. The amplifier is installed in a small fibreglass hut close to the antenna and is hooked up to a PC (also in the hut) running Acom Tools. I'm then using TightVNC to control that PC remotely and operate the amplifier.

If you're going to try controlling the amp over RS232 with a distance of more than about 20m or so then you should look at buying a pair of long-line drivers (aka RS232 extenders) to boost the control signal.

Let me know if you need to know any further information,

Michael Prior-Jones
VP8DJB
Rothera Research Station, Antarctica

1723. Re: [acom-list] ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-19 23:38:02 UTC
From: Mel Whitten
Topic: 1721 Message: 1723

Roland,

You can 'extend' the remote with a good quality RS232 cable. Maybe, even use RS232 repeaters/extenders and run it for hundreds of feet. I think there has been a discussion about this in the past, perhaps others can help if this is something you may consider.
Mel, K0PFX

(I just read Michael has the answer already!)

----- Original Message -----
From: rolandguidry70578
To: acom-list@yahoogroups.com
Sent: Monday, June 19, 2006 4:58 PM
Subject: [acom-list] ACOM Tools Software

Is anyone using the ACOM Tools software that can be downloaded from the ACOM site to control their ACOM 2000a with software rather than the control unit? Any problems?

I would like to turn on the amplifier, connect to it and even auto tune if I need too, from my desktop position. The amplifier is sitting a good distance from my operating position, so it would be rather convenient if I could use the software.

Thanks in advance for the information

Roland NA5Q

[Non-text portions of this message have been removed]

1724. RE: [acom-list] ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-20 05:16:04 UTC
From: Bob DeHaney
Topic: 1721 Message: 1724

There are RS-232 to fiber optics adapters available at a reasonable cost
that will take you out to several 100 meters with no chance of RFI from the
amp.

73, Bob DJ0MBC/WU5T

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Michael Prior-Jones, VP8DJB
Sent: Dienstag, 20. Juni 2006 00:33
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM Tools Software

Quoting rolandguidry70578 <na5q@...>:

> Is anyone using the ACOM Tools software that can be downloaded from
> the ACOM site to control their ACOM 2000a with software rather than
> the control unit? Any problems?
>
> I would like to turn on the amplifier, connect to it and even auto
> tune if I need too, from my desktop position. The amplifier is sitting
> a good distance from my operating position, so it would be rather
> convenient if I could use the software.
Hi Roland,

I'm using the Acom Tools software to control my ACOM 2000 over a distance of
about 150m, although I'm cheating slightly. The amplifier is installed in a
small fibreglass hut close to the antenna and is hooked up to a PC
(also in the
hut) running Acom Tools. I'm then using TightVNC to control that PC
remotely and
operate the amplifier.

If you're going to try controlling the amp over RS232 with a distance of
more
than about 20m or so then you should look at buying a pair of long-line
drivers
(aka RS232 extenders) to boost the control signal.

Let me know if you need to know any further information,

Michael Prior-Jones
VP8DJB
Rothera Research Station, Antarctica

Yahoo! Groups Links

1725. Re: ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-20 18:19:04 UTC
From: rolandguidry70578
Topic: 1721 Message: 1725

--- In acom-list@yahoogroups.com, "rolandguidry70578" <na5q@...> wrote:
>
> Is anyone using the ACOM Tools software that can be downloaded from
> the ACOM site to control their ACOM 2000a with software rather than
> the control unit? Any problems?
>
> I would like to turn on the amplifier, connect to it and even auto
> tune if I need too, from my desktop position. The amplifier is sitting
> a good distance from my operating position, so it would be rather
> convenient if I could use the software.
>
> Thanks in advance for the information
>
> Roland NA5Q
>

Thanks to all for the info. Does the PC and software connected to the ACOM 2000a, replace the control unit that comes with the amplifier via serial connection? Hereby, I am only using the pc connected to the amplifier and the detachable control unit is store away.

Thanks,

Roland NA5Q

1726. Re: ACOM Tools Software

Yahoo group: acom-list (1999 — 2009)
Date: 2006-06-22 19:15:45 UTC
From: edctexas
Topic: 1721 Message: 1726

Its been a few months wince I last experimented with the ACOM tools. There are a number of limitations especialy wrt replacing the control head box. The RS-232 link runs relatively slowly at 1200 bd. This does place limits on what you can see wrt the power output and reflected pwr. You get the same info except there is a significant time lag.

The protocol used is fair obtuse. The interface to the ACOM tools code is very non-intuitive for one not used to the software used to create the tool software.

The two most difficult things about running the tools software are that once one starts it, the control head basically has no control like the control head can't turn the amp off. The tools software also can not shut the amp off. I believe that a separate means must be used to power the amp down. Now by power down I do not mean the "red light on the amp" off. The amp off function of the control head. I really wish that the RS-232 was done in a slightly cleaner fashion that would make the amp remotable say 100 miles away.

73 Ed KE3D

--- In acom-list@yahoogroups.com, "rolandguidry70578" <na5q@...> wrote:
>
> --- In acom-list@yahoogroups.com, "rolandguidry70578" <na5q@> wrote:
> >
> > Is anyone using the ACOM Tools software that can be downloaded from
> > the ACOM site to control their ACOM 2000a with software rather than
> > the control unit? Any problems?
> >
> > I would like to turn on the amplifier, connect to it and even auto
> > tune if I need too, from my desktop position. The amplifier is sitting
> > a good distance from my operating position, so it would be rather
> > convenient if I could use the software.
> >
> > Thanks in advance for the information
> >
> > Roland NA5Q
> >
>
> Thanks to all for the info. Does the PC and software connected to the

> ACOM 2000a, replace the control unit that comes with the amplifier
via
> serial connection? Hereby, I am only using the pc connected to the
> amplifier and the detachable control unit is store away.
>
> Thanks,
>
> Roland NA5Q
>

1727. ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-09 13:28:37 UTC
From: Kelly Johnson
Topic: 1727 Message: 1727

My ACOM 1000 is dead now with the following Auto-Protection Fault: PN0B. According to the manual this means: "output relay closed - (ORC, logic).

I have no idea why this happened or what to do next. This coincided with a loud pop sound from the amp so something must have blown. I only have a handful of operating hours on the amp and have never driven it hard. It's never been used for a contest or for a high duty cycle mode like RTTY.

Anyone else ever see this fault? What next? Factory repairs? Ugh!!!

1728. RE: [acom-list] ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-09 16:36:21 UTC
From: John Lemay
Topic: 1727 Message: 1728

Hi

After only a few hours use my Acom 1000 went bang, during a contest. Sadly I cannot remember the fault code.

Two of the high voltage decoupling capacitors had failed, at the point where HT enters the RF compartment. They're just inside. Their failure was obvious, from the scattered bits lying on the floor. That took out at least one fuse on the control board.

This may give you a clue as to where to start looking.

In my view this should be a feedthrough capacitor, but instead it's a feedthrough insulator plus ceramic disc caps. Not so good.

Good luck

John G4ZTR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Kelly Johnson
Sent: 09 July 2006 13:29
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 Hard Fault Help

My ACOM 1000 is dead now with the following Auto-Protection Fault: PN0B. According to the manual this means: "output relay closed - (ORC, logic).

I have no idea why this happened or what to do next. This coincided with a loud pop sound from the amp so something must have blown. I only have a handful of operating hours on the amp and have never driven it hard. It's never been used for a contest or for a high duty cycle mode like RTTY.

Anyone else ever see this fault? What next? Factory repairs? Ugh!!!

Yahoo! Groups Links

1729. Re: ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-10 10:34:58 UTC
From: Hans , PA3HGT
Topic: 1727 Message: 1729

Contact Acom and they will help you with this problem.

Hans,PA3HGT

--- In acom-list@yahoogroups.com, "John Lemay" <john@...> wrote:
>
> Hi
>
> After only a few hours use my Acom 1000 went bang, during a contest.
Sadly I
> cannot remember the fault code.
>
> Two of the high voltage decoupling capacitors had failed, at the
point where
> HT enters the RF compartment. They're just inside. Their failure was
> obvious, from the scattered bits lying on the floor. That took out
at least
> one fuse on the control board.
>
> This may give you a clue as to where to start looking.
>
> In my view this should be a feedthrough capacitor, but instead it's a
> feedthrough insulator plus ceramic disc caps. Not so good.
>
> Good luck
>
> John G4ZTR
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On
> Behalf Of Kelly Johnson
> Sent: 09 July 2006 13:29
> To: acom-list@yahoogroups.com
> Subject: [acom-list] ACOM 1000 Hard Fault Help
>
>
> My ACOM 1000 is dead now with the following Auto-Protection Fault:
> PN0B. According to the manual this means: "output relay closed -
> (ORC, logic).
>
> I have no idea why this happened or what to do next. This coincided
> with a loud pop sound from the amp so something must have blown. I
> only have a handful of operating hours on the amp and have never
> driven it hard. It's never been used for a contest or for a high duty
> cycle mode like RTTY.

>
> Anyone else ever see this fault? What next? Factory repairs? Ugh!!!
>
>
>
>
> Yahoo! Groups Links
>

1730. Fw: A2000 required

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 03:07:29 UTC
From: Mike VA3MW
Topic: 1730 Message: 1730

> All
>
> I have an A1000 and just love it, however, I'm setting up a remote base
> and the 2000A might be just what I need.
>
> Any idea on the current lead time to get one?
>
> Mike VA3MW

1731. Re: [acom-list] Re: ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 05:49:41 UTC
From: Kelly Johnson
Topic: 1727 Message: 1731

Yes, I got a very quick response from Acom. I already sent it back to the USA Acom office.

I've been told that stuck or broken relays are a common problem, at least on the 2000's. Anyone know if this is true? It seems this may be a relay problem.

On 7/10/06, Hans , PA3HGT <pa3hgt@...> wrote:
>
> Contact Acom and they will help you with this problem.
>
> Hans,PA3HGT
>
>
> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "John
> Lemay" <john@...> wrote:
> >
> > Hi
> >
> > After only a few hours use my Acom 1000 went bang, during a contest.
> Sadly I
> > cannot remember the fault code.
> >
> > Two of the high voltage decoupling capacitors had failed, at the
> point where
> > HT enters the RF compartment. They're just inside. Their failure was
> > obvious, from the scattered bits lying on the floor. That took out
> at least
> > one fuse on the control board.
> >
> > This may give you a clue as to where to start looking.
> >
> > In my view this should be a feedthrough capacitor, but instead it's a
> > feedthrough insulator plus ceramic disc caps. Not so good.
> >
> > Good luck
> >
> > John G4ZTR
> >
> > -----Original Message-----
> > From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>]On
> > Behalf Of Kelly Johnson
> > Sent: 09 July 2006 13:29
> > To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>

> > Subject: [acom-list] ACOM 1000 Hard Fault Help
> >
> >
> > My ACOM 1000 is dead now with the following Auto-Protection Fault:
> > PN0B. According to the manual this means: "output relay closed -
> > (ORC, logic).
> >
> > I have no idea why this happened or what to do next. This coincided
> > with a loud pop sound from the amp so something must have blown. I
> > only have a handful of operating hours on the amp and have never
> > driven it hard. It's never been used for a contest or for a high duty
> > cycle mode like RTTY.
> >
> > Anyone else ever see this fault? What next? Factory repairs? Ugh!!!
> >
> >
> >
> >
> > Yahoo! Groups Links
> >
>
>
>

[Non-text portions of this message have been removed]

1732. Re: [acom-list] ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-10 00:56:34 UTC
From: Kelly Johnson
Topic: 1727 Message: 1732

"where HT enters the RF compartment"? What is HT? Did you mean HV?

Sounds like mine may be similar.

I used to think the ACOM's were built like tanks and would take anything, but this sure changes my opinion. I have never run this hard. I've only used it when necessary to break pileups. No contests or anything. I don't overdrive it either. I'm clueless as to how/why this would happen.

On 7/9/06, John Lemay <john@...> wrote:
>
> Hi
>
> After only a few hours use my Acom 1000 went bang, during a contest. Sadly
> I
> cannot remember the fault code.
>
> Two of the high voltage decoupling capacitors had failed, at the point
> where
> HT enters the RF compartment. They're just inside. Their failure was
> obvious, from the scattered bits lying on the floor. That took out at
> least
> one fuse on the control board.
>
> This may give you a clue as to where to start looking.
>
> In my view this should be a feedthrough capacitor, but instead it's a
> feedthrough insulator plus ceramic disc caps. Not so good.
>
> Good luck
>
> John G4ZTR
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>]On
> Behalf Of Kelly Johnson
> Sent: 09 July 2006 13:29
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] ACOM 1000 Hard Fault Help
>
> My ACOM 1000 is dead now with the following Auto-Protection Fault:
> PN0B. According to the manual this means: "output relay closed -
> (ORC, logic).
>

> I have no idea why this happened or what to do next. This coincided
> with a loud pop sound from the amp so something must have blown. I
> only have a handful of operating hours on the amp and have never
> driven it hard. It's never been used for a contest or for a high duty
> cycle mode like RTTY.
>
> Anyone else ever see this fault? What next? Factory repairs? Ugh!!!
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

1733. RE: [acom-list] ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 07:12:37 UTC
From: John Lemay
Topic: 1727 Message: 1733

Kelly

Yes, HV. The heavily insulated cable that enters from the right hand side (from memory).

I have a 2m Amplifier (not Acom) which was almost new and failed with a big bang during standby, so it seems that running it hard or not isn't always the issue.

GL

John

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Kelly Johnson
Sent: 10 July 2006 00:57
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM 1000 Hard Fault Help

"where HT enters the RF compartment"? What is HT? Did you mean HV?

Sounds like mine may be similar.

I used to think the ACOM's were built like tanks and would take anything, but this sure changes my opinion. I have never run this hard. I've only used it when necessary to break pileups. No contests or anything. I don't overdrive it either. I'm clueless as to how/why this would happen.

On 7/9/06, John Lemay <john@...> wrote:
>
> Hi
>
> After only a few hours use my Acom 1000 went bang, during a contest. Sadly
> I
> cannot remember the fault code.
>
> Two of the high voltage decoupling capacitors had failed, at the point
> where
> HT enters the RF compartment. They're just inside. Their failure was
> obvious, from the scattered bits lying on the floor. That took out at
> least
> one fuse on the control board.
>
> This may give you a clue as to where to start looking.
>
> In my view this should be a feedthrough capacitor, but instead it's a

> feedthrough insulator plus ceramic disc caps. Not so good.
>
> Good luck
>
> John G4ZTR
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>]On
> Behalf Of Kelly Johnson
> Sent: 09 July 2006 13:29
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] ACOM 1000 Hard Fault Help
>
> My ACOM 1000 is dead now with the following Auto-Protection Fault:
> PN0B. According to the manual this means: "output relay closed -
> (ORC, logic).
>
> I have no idea why this happened or what to do next. This coincided
> with a loud pop sound from the amp so something must have blown. I
> only have a handful of operating hours on the amp and have never
> driven it hard. It's never been used for a contest or for a high duty
> cycle mode like RTTY.
>
> Anyone else ever see this fault? What next? Factory repairs? Ugh!!!
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1734. Re: [acom-list] Re: ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 12:16:29 UTC
From: R. Sigismonti
Topic: 1727 Message: 1734

I have had to replace a stuck antenna relay in my 2000A. It is a relatively difficult job, requiring removal of the front side of the case. Acom was very good in supplying directions and the relay!

de Sig, N3RS

On Jul 12, 2006, at 1:49 AM, Kelly Johnson wrote:

> Yes, I got a very quick response from Acom. I already sent it back
> to the
> USA Acom office.
>
> I've been told that stuck or broken relays are a common problem, at
> least on
> the 2000's. Anyone know if this is true? It seems this may be a relay
> problem.
>
> On 7/10/06, Hans , PA3HGT <pa3hgt@...> wrote:
> >
> > Contact Acom and they will help you with this problem.
> >
> > Hans,PA3HGT
> >
> >
> > --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>,
> "John
> > Lemay" <john@...> wrote:
> > >
> > > Hi
> > >
> > > After only a few hours use my Acom 1000 went bang, during a
> contest.
> > Sadly I
> > > cannot remember the fault code.
> > >
> > > Two of the high voltage decoupling capacitors had failed, at the
> > point where
> > > HT enters the RF compartment. They're just inside. Their
> failure was
> > > obvious, from the scattered bits lying on the floor. That took out
> > at least
> > > one fuse on the control board.
> > >
> > > This may give you a clue as to where to start looking.
> > >
> > > In my view this should be a feedthrough capacitor, but instead

> it's a
> > > feedthrough insulator plus ceramic disc caps. Not so good.
> > >
> > > Good luck
> > >
> > > John G4ZTR
> > >
> > > -----Original Message-----
> > > From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> [mailto:
> > acom-list@yahoogroups.com <acom-list%40yahoogroups.com>]On
> > > Behalf Of Kelly Johnson
> > > Sent: 09 July 2006 13:29
> > > To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> > > Subject: [acom-list] ACOM 1000 Hard Fault Help
> > >
> > >
> > > My ACOM 1000 is dead now with the following Auto-Protection Fault:
> > > PN0B. According to the manual this means: "output relay closed -
> > > (ORC, logic).
> > >
> > > I have no idea why this happened or what to do next. This
> coincided
> > > with a loud pop sound from the amp so something must have blown. I
> > > only have a handful of operating hours on the amp and have never
> > > driven it hard. It's never been used for a contest or for a
> high duty
> > > cycle mode like RTTY.
> > >
> > > Anyone else ever see this fault? What next? Factory repairs?
> Ugh!!!
> > >
> > >
> > >
> > >
> > > Yahoo! Groups Links
> > >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

1735. Re: ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 13:24:06 UTC
From: jx7dfa
Topic: 1727 Message: 1735

The bang you heard was probably due to 'overvoltage' on a capacitor.
Having this occur during 'light load' is not so strange since the
voltage is highest when you just key the PA without applying drive.

Acom might have received a bad capacitor or a bad series of
capacitors, this can happen to anyone...

The QSK relay are worn out over time if you keep using it without
TX-inhibit. This is atleast very true for CW QSK operation!
http://la7dfa.com/ft-1000mp-qsk.htm

I have replaced the QSK-relay in my 2000A, and got a cheap surplus
relay for about 25USD.

Per, LA7DFA

1736. Re: [acom-list] Re: ACOM 1000 Hard Fault Help

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 13:50:29 UTC
From: Kelly Johnson
Topic: 1727 Message: 1736

I opened the case to look for a blown capacitor, but didn't see anything obvious.

A friend of mine that owns an Acom 2000 told me last night that he has replaced a relay in his amp and another guy we both know has replaced his 3 times. This time I just sent it to Acom since it is still under warranty, but I'd sure like to know how to either prevent it or fix it next time. Returning it is expensive and time consuming.

I use TX-inhibit and CW QSK. I'll have to look into possible issues there.

On 7/12/06, jx7dfa <la7dfa@...> wrote:
>
> The bang you heard was probably due to 'overvoltage' on a capacitor.
> Having this occur during 'light load' is not so strange since the
> voltage is highest when you just key the PA without applying drive.
>
> Acom might have received a bad capacitor or a bad series of
> capacitors, this can happen to anyone...
>
> The QSK relay are worn out over time if you keep using it without
> TX-inhibit. This is atleast very true for CW QSK operation!
> http://la7dfa.com/ft-1000mp-qsk.htm
>
> I have replaced the QSK-relay in my 2000A, and got a cheap surplus
> relay for about 25USD.
>
> Per, LA7DFA
>
>
>

[Non-text portions of this message have been removed]

1737. Re: [acom-list] Fw: A2000 required

Yahoo group: acom-list (1999 — 2009)
Date: 2006-07-12 14:52:45 UTC
From: Bill NY9H
Topic: 1730 Message: 1737

one quick phone call to krassy or Will will get the answer

don't try email,,,,

bill

At 10:07 PM 7/11/2006, you wrote:

> > All
> >
> > I have an A1000 and just love it, however, I'm setting up a remote base
> > and the 2000A might be just what I need.
> >
> > Any idea on the current lead time to get one?
> >
> > Mike VA3MW
>
>
>
>
>
>
>Yahoo! Groups Links
>
>
>
>

1738. Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 00:43:39 UTC
From: Jim Cox
Topic: 1393 Message: 1738

Does anyone know the new price of the Acom 1000s or the used price these days? I have one I am going to sell. Thanks Jim K4JAF

[Non-text portions of this message have been removed]

1739. RE: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 03:19:00 UTC
From: Michael Minor
Topic: 1393 Message: 1739

The last time I saw one listed it was for 2,590. I bought mine used about a year ago for 2,700. Hope this helps.. Mike WD5USA

>From: "Jim Cox" <jcox123@...>
>Reply-To: acom-list@yahoogroups.com
>To: <acom-list@yahoogroups.com>
>Subject: [acom-list] Acom 1000
>Date: Sat, 5 Aug 2006 19:43:39 -0500
>
>Does anyone know the new price of the Acom 1000s or the used price these
>days? I have one I am going to sell. Thanks Jim K4JAF
>
>
>[Non-text portions of this message have been removed]
>

1740. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 12:18:02 UTC
From: Jim Cox
Topic: 1393 Message: 1740

Thanks Mike for the info. $2600 is a great buy as the 1000 is a great amp. Jim

----- Original Message -----
From: Michael Minor
To: acom-list@yahoogroups.com
Sent: Saturday, August 05, 2006 10:19 PM
Subject: RE: [acom-list] Acom 1000

The last time I saw one listed it was for 2,590. I bought mine used about a
year ago for 2,700. Hope this helps.. Mike WD5USA

>From: "Jim Cox" <jcox123@...>
>Reply-To: acom-list@yahoogroups.com
>To: <acom-list@yahoogroups.com>
>Subject: [acom-list] Acom 1000
>Date: Sat, 5 Aug 2006 19:43:39 -0500
>
>Does anyone know the new price of the Acom 1000s or the used price these
>days? I have one I am going to sell. Thanks Jim K4JAF
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1741. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 14:28:41 UTC
From: Bob Naumann - W5OV
Topic: 1393 Message: 1741

The list price is something like $3295 now.

I love mine.

73,

Bob W5OV

> Thanks Mike for the info. $2600 is a great buy as the 1000 is a
great amp. Jim
>
> ----- Original Message -----
> From: Michael Minor
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 05, 2006 10:19 PM
> Subject: RE: [acom-list] Acom 1000
>
>
>
> The last time I saw one listed it was for 2,590. I bought mine
used about a
> year ago for 2,700. Hope this helps.. Mike WD5USA
>
> >From: "Jim Cox" <jcox123@...>
> >Reply-To: acom-list@yahoogroups.com
> >To: <acom-list@yahoogroups.com>
> >Subject: [acom-list] Acom 1000
> >Date: Sat, 5 Aug 2006 19:43:39 -0500
> >
> >Does anyone know the new price of the Acom 1000s or the used
price these
> >days? I have one I am going to sell. Thanks Jim K4JAF
> >
> >
> >[Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Bob Naumann - W5OV

1742. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 15:01:52 UTC
From: William Beyer
Topic: 1393 Message: 1742

GREAT unit. Super....

Acom 1000 has been on several Dxpedition, and super on 6 Meters as well.

Bill/N2WB

----- Original Message -----
From: Bob Naumann - W5OV
To: acom-list@yahoogroups.com
Sent: Sunday, August 06, 2006 10:28 AM
Subject: Re: [acom-list] Acom 1000

The list price is something like $3295 now.

I love mine.

73,

Bob W5OV

> Thanks Mike for the info. $2600 is a great buy as the 1000 is a
great amp. Jim
>
> ----- Original Message -----
> From: Michael Minor
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 05, 2006 10:19 PM
> Subject: RE: [acom-list] Acom 1000
>
>
>
> The last time I saw one listed it was for 2,590. I bought mine
used about a
> year ago for 2,700. Hope this helps.. Mike WD5USA
>
> >From: "Jim Cox" <jcox123@...>
> >Reply-To: acom-list@yahoogroups.com
> >To: <acom-list@yahoogroups.com>
> >Subject: [acom-list] Acom 1000
> >Date: Sat, 5 Aug 2006 19:43:39 -0500
> >
> >Does anyone know the new price of the Acom 1000s or the used
price these
> >days? I have one I am going to sell. Thanks Jim K4JAF
> >
> >
> >[Non-text portions of this message have been removed]

> >
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Bob Naumann - W5OV

[Non-text portions of this message have been removed]

1743. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 16:58:48 UTC
From: Lance Collister
Topic: 1393 Message: 1743

William Beyer wrote:

> GREAT unit. Super....
>
> Acom 1000 has been on several Dxpedition, and super on 6 Meters as well.
>
> Bill/N2WB
>

I have worked a number of 6m EME stations on DXpeditions using FB ACOM 1000, and am very interested to learn of any DX locations being activated with this amplifier and a single good 6m yagi! MNI TNX and VY 73, Lance

--
Lance Collister, W7GJ (ex: WN3GPL, WA3GPL, WA1JXN, WA1JXN/C6A, ZF2OC/ZF8)
P.O. Box 73
Frenchtown, MT 59834 USA
QTH: DN27UB
TEL: (406) 626-5728
URL: http://www.bigskyspaces.com/w7gj
2m DXCC #11/6m DXCC #815

1744. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-06 22:55:42 UTC
From: Filipino Tuvera
Topic: 1393 Message: 1744

I can only afford a used Acom 1000. Anyone out there

on the more affluent countries kind of spare one for a

used price?

73's
du7fbt / fil

DU7FBT
fil

Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

1746. Re: [acom-list] FS BALUN

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-15 01:16:59 UTC
From: Barry
Topic: 1746 Message: 1746

You are correct. This is not appropriate to the list. An Acom amp for
sale - OK. A balun - no way.
There are plenty of places to list things for sale:
qth.com, eham.net, ebay, etc.
Please don't do it again, and no need for further discussion about it.
73,
Barry, W2UP
List moderator

K0DAN wrote:
>
> Sorry if this fails to meet the on-topic requirements for the reflector...
>
> I have for sale
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1747. re 2000s switch Broken I think?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-24 01:54:13 UTC
From: kg4lru
Topic: 1747 Message: 1747

To the group benn runing the 2000s antenna switch for two years
tonight position 2,3,4 ,5 our dead I move the antennas unused ports,
9, 0. these work position any ideas The book iss not much help.

Phil AI4DQ 502-339-0422

1748. re: [acom-list] re 2000s switch Broken I think?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-24 03:15:22 UTC
From: Jim Idelson
Topic: 1747 Message: 1748

Phil,

If you are finding that it continues to work this way after powering it down, you might have taken a lightning strike or a substantial power surge. The switch controller and the switch have little blue capacitors that sometimes fail. But, I suspect you may need to send it in for repairs. Working inside the switch is very difficult. It is a complex design, both electrically and mechanically.

Jim K1IR

> To the group benn runing the 2000s antenna switch for two years tonight position 2,3,4 ,5 our dead I move the antennas unused ports, 9, 0. these work position any ideas The book iss not much help.

Phil AI4DQ 502-339-0422

Yahoo! Groups Links

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Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1749. Re: [acom-list] re 2000s switch Broken I think?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-08-24 03:32:28 UTC
From: kg4lru@aol.com
Topic: 1747 Message: 1749

Jim

I remember they had some issues with the switch doing this very thing back 2003 and 2004 ,But I have been unable to find any of the old post on this subject. I not sure it took any hits power surge maybe position 1 I have a step ir on it 2 Big IR vertical 3, 4. were 80 meter loop and a w5gi dipole 5 palstar dummy load and 6 cantenna 7,8,9,0 have been un used since new the switch is mounted indoors at my ground box in the basement well grounded . I notice when I move the antennas too different ports they worked but they also would receive on position 5 which has a dummy load on it. I am thinking a wiper has gone bad . I give Wil and Krassy a call in the am . See if they have any ideas Thanks for your thoughts

73

Phil AI4DQ

[Non-text portions of this message have been removed]

1750. ACOM1000<->IC-756 Pro III?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-09-11 22:48:05 UTC
From: DJ3IW Götz
Topic: 1750 Message: 1750

Hi,

I am looking for information to interface the ACOM1000's QSK switching capabilities with the ICOM-756 Pro III. Can someone help me please?

73 de Goetz, DJ3IW

1751. Re: [acom-list] ACOM1000<->IC-756 Pro III?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-09-11 23:58:02 UTC
From: Jim Cox
Topic: 1750 Message: 1751

You can bypass the reed relay in the Pro by taking the ground from the accessory jack, look on the din pin layout. One pin is grounded on xmit and it will handle the low current of the Acom 1000 relay.
I have used this arrangement but at only low speed qsk and had no problems but I dont know of anyway to use the qsk out jack on the 1000 to actually force the radio to send. I guess you could key the amp and then have the amp key the radio if you have hot switching problems.
Jim K4JAF

----- Original Message -----
From: DJ3IW Götz
To: ACOM-List
Sent: Monday, September 11, 2006 5:48 PM
Subject: [acom-list] ACOM1000<->IC-756 Pro III?

Hi,

I am looking for information to interface the ACOM1000's QSK
switching capabilities with the ICOM-756 Pro III. Can someone
help me please?

73 de Goetz, DJ3IW

[Non-text portions of this message have been removed]

1752. Re: ACOM1000<->IC-756 Pro III?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-09-12 01:36:08 UTC
From: ah6fc
Topic: 1750 Message: 1752

--- In acom-list@yahoogroups.com, DJ3IW Götz <goetzlin@...> wrote:
>
> Hi,
>
> I am looking for information to interface the ACOM1000's QSK
> switching capabilities with the ICOM-756 Pro III. Can someone
> help me please?
>
> 73 de Goetz, DJ3IW
>
Goetz,

I'm using the ACOM 1000A with the ProIII, no problems qsk. No special equipment, simply plug and play. Never had any issue with the interface.
73, Bill
AH6FC/7

1753. Re: [acom-list] Re: ACOM1000<->IC-756 Pro III?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-09-12 12:32:19 UTC
From: Irwin C Darack
Topic: 1750 Message: 1753

Goetz,

I have wired my 756Pro to the Acom 1000 without any problems for Hot Switching using both the send relay and ACC2 jack.

Irwin KD3TB

ah6fc wrote:

> --- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>,
> DJ3IW Götz <goetzlin@...> wrote:
> >
> > Hi,
> >
> > I am looking for information to interface the ACOM1000's QSK
> > switching capabilities with the ICOM-756 Pro III. Can someone
> > help me please?
> >
> > 73 de Goetz, DJ3IW
> >
> Goetz,
>
> I'm using the ACOM 1000A with the ProIII, no problems qsk. No special
> equipment, simply plug and play. Never had any issue with the
> interface.
> 73, Bill
> AH6FC/7
>
>

[Non-text portions of this message have been removed]

1754. Re: ACOM1000<->IC-756 Pro III?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-09-14 21:38:34 UTC
From: DJ3IW Götz
Topic: 1750 Message: 1754

Thanks to all who answered me. It seems that everybody is happy
with the standard ICOM "SEND CONTROL" relay switching.

73 de Goetz, DJ3IW
----- Original Message -----
From: "DJ3IW G?tz" <goetzlin@...>
To: "ACOM-List" <acom-list@yahoogroups.com>
Sent: Monday, September 11, 2006 10:48 PM
Subject: ACOM1000<->IC-756 Pro III?

> Hi,
>
> I am looking for information to interface the ACOM1000's QSK
> switching capabilities with the ICOM-756 Pro III. Can someone
> help me please?
>
> 73 de Goetz, DJ3IW

1755. For Sale Acom Antenna Switch and Controller

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-13 16:15:49 UTC
From: rrkpl
Topic: 1755 Message: 1755

I have a Acom 2000S antenna selector and a 2000SW switch in excellent condition for sale. The switch received about 6 months of occasional duty under my desk and has never been outdoors. I may have misplaced the aluminum bracket since I never mounted the switch but a 5 dollar piece of metal and a drill is all you would need if you wished to mount it. I would like
$650 shipped to con US.

Thanks,

Richard / N1VXW
404.395.0292

1756. Re: For Sale Acom Antenna Switch and Controller

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-14 00:32:20 UTC
From: rrkpl
Topic: 1755 Message: 1756

Thanks, the switch has found a home.

73

Richard / N1VXW

--- In acom-list@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
> I have a Acom 2000S antenna selector and a 2000SW switch in excellent condition for sale.
> The switch received about 6 months of occasional duty under my desk and has never been
> outdoors. I may have misplaced the aluminum bracket since I never mounted the switch but a
> 5 dollar piece of metal and a drill is all you would need if you wished to mount it. I would like
> $650 shipped to con US.
>
> Thanks,
>
> Richard / N1VXW
> 404.395.0292
>

1757. For Sale Acom Antenna Switch and Controller

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-15 19:57:42 UTC
From: K0DAN
Topic: 1755 Message: 1757

Here is another ACOM antenna switch for sale. I'm listing it here for a friend, please contact him him directly with any questions or offers. Other than posting this message to the group, I am not involved in this sale.

73

Dan
K0DAN

==========

Subject: For Sale Acom Antenna Switch and Controller

For sale:

Acom 2000S remote antenna switch. Acom antenna switch is a remote 10 way antenna switch that handles up to 5KW. It is designed to work automatically with the Acom 2000 amplifier and can also be used in a manual mode or used with the RS232 serial port which can be custom controlled by your PC. Unit has never been used and is mint in the original carton including manual, RS-232 cable and control box. $600 plus shipping. Originally sold for $875. Weight is approximately 10lbs. I will provide pictures on request.

Steve
K1IIG (ok on qrz.com)
203-269-5777
elks1365@...
Wallingford , Ct

1758. acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-18 14:30:17 UTC
From: kamarty456
Topic: 1758 Message: 1758

I have an acom 2000, put into service around September 2001. Recently I have been getting a "low airflow" alarm and the amp shuts down. I restart the amp and it works perfectly.

I do clean the external filter regularly. I really do not see any tube exhaust temperature issues either as after warm up I see 39--40C and I typically see the temperature go up evenly on long key downs in SSB mode...100-110c

Any of you experience a similar scenario? any suggestions?

Marty, ka7gkn

1759. RE: [acom-list] acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-19 07:28:51 UTC
From: Robert Naumann
Topic: 1758 Message: 1759

If it is heating up that much on SSB, you may want to clean out the inside of your amplifier also. It sounds like you have very restricted airflow.

Mine never gets that hot except on rtty during very hot weather.

-----Original Message-----
From: kamarty456 [mailto:martins160@...]
Sent: Wednesday, October 18, 2006 9:30 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom 2000 low air flow alarm

I have an acom 2000, put into service around September 2001. Recently I have been getting a "low airflow" alarm and the amp shuts down. I restart the amp and it works perfectly.

I do clean the external filter regularly. I really do not see any tube exhaust temperature issues either as after warm up I see 39--40C and I typically see the temperature go up evenly on long key downs in SSB mode...100-110c

Any of you experience a similar scenario? any suggestions?

Marty, ka7gkn

Yahoo! Groups Links

1760. Re: acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-19 14:22:32 UTC
From: edctexas
Topic: 1758 Message: 1760

I think Bob is correct. Mine never goes to 100C even during RTTY contests. I think it has reached 75C once during contests. It is also possible that something restricts the air intake or exhaust. Because I have a shelf above my 2000, I did have a problem when I was testing the installation. By adding a chimney with a boost extraction fan, I returned the temps to what they were prior to the shelf installation.

You would be surprised that a shelf mounted 4 in above the exhaust could cause an effect. I would not have even checked bu the manual said don't so that (so of course I had to see). Actually I needed to have the second computer's screen near enough for me to read so I needed the shelf. I'd make a couple of checks inside for dustballs if you don't have anything that even might restrict airflow.

Besides, the ACOM is one of the most quiet amps I have ever used and the moderate airflow in normal operation is one reason for that. Another idea is to either jury rig or buy the accessory fan. I believe the accessory fan mounts on the air intake in the rear and boosts the air going in.

Regards Ed KE3D

The only thing I wish the amp had was a faster warm-up. But if you cheated on that you'd shorten the tube life!

1761. Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 12:10:31 UTC
From: Massimo IZ5ASZ
Topic: 1052 Message: 1761

Hello everybody

I am having this failure on my Acom2000A.
When I try to switch it on , after 4/5 seconds it shout down with this message (heater voltage too low :2.37V)
Can You help Me to resolve this problem?
Many thanks.
73, Massimo IZ5ASZ

[Non-text portions of this message have been removed]

1762. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 13:01:07 UTC
From: kg4lru@aol.com
Topic: 1052 Message: 1762

Massimo

I was having a similar shut down I pulled the cover above the high voltage diode board there two contact cable that slides on too 2 pin contact on thein side of the top panel above the diode board. Mine was almost sliding off these pins ,and it does not have a keeper too keep the plug on the contact , i cleaned and re install the cable ,if your lucky this might be the problem.

Phil AI4DQ

[Non-text portions of this message have been removed]

1763. Re: Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 13:41:36 UTC
From: edctexas
Topic: 1052 Message: 1763

I also believe that there was a batch of units which had defective connectors in the filament circuit. These connectors had a high resistance and caused low filament voltage. Some of the connectors actually deformed from getting too hot. So the advice to check the filament circuit connectors is good.

If you're unsure how to proceed, send the factory an email. You can download schematics and the factory can talk you through the check out in their email. It's not hard but if you are not sure of your troubleshooting, the factory would rather help than have the amp get returned.

Hope you get the problem sorted before the CQWWSSB! Good luck

Regards Ed KE3D

1764. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 17:37:46 UTC
From: Jurgis Ignotas
Topic: 1052 Message: 1764

Hi, Massimo,

I had simmilar problems in two amplifiers ACOM2000A. Tubes heating curent
is too large and connectors are overheated. There are 3 connectors in
heating chain and one after one it have been overheated. I did throw it out
and soldered the wires in both amplifiers.

73 Jurgis LY2CY

> Hello everybody
>
> I am having this failure on my Acom2000A.
> When I try to switch it on , after 4/5 seconds it shout down with this
> message (heater voltage too low :2.37V)
> Can You help Me to resolve this problem?
> Many thanks.
> 73, Massimo IZ5ASZ
>
>

1765. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 18:51:58 UTC
From: Massimo IZ5ASZ
Topic: 1052 Message: 1765

Hello to everybody,

Many thanks for Your help.
I am still waitng for a replay from Acom factory.
in the next days I will let You know.
Massimo iz5asz.

----- Original Message -----
From: Jurgis Ignotas
To: acom-list@yahoogroups.com
Sent: Friday, October 20, 2006 7:37 PM
Subject: Re: [acom-list] Heater voltage too low

Hi, Massimo,

I had simmilar problems in two amplifiers ACOM2000A. Tubes heating curent
is too large and connectors are overheated. There are 3 connectors in
heating chain and one after one it have been overheated. I did throw it out
and soldered the wires in both amplifiers.

73 Jurgis LY2CY

> Hello everybody
>
> I am having this failure on my Acom2000A.
> When I try to switch it on , after 4/5 seconds it shout down with this
> message (heater voltage too low :2.37V)
> Can You help Me to resolve this problem?
> Many thanks.
> 73, Massimo IZ5ASZ
>
>

_____ Informazione NOD32 1.1818 (20061020) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

1766. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-20 20:34:49 UTC
From: N6KI Dennis Vernacchia
Topic: 1052 Message: 1766

Massimo IZ5ASZ wrote:
>
> Hello everybody
>
> I am having this failure on my Acom2000A.
> When I try to switch it on , after 4/5 seconds it shout down with this
> message (heater voltage too low :2.37V)
> Can You help Me to resolve this problem?
> Many thanks.
> 73, Massimo IZ5ASZ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1767. For Sale Acom Antenna Switch and Controller

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-22 16:52:11 UTC
From: K0DAN
Topic: 1755 Message: 1767

Here is an ACOM antenna switch for sale. I'm listing it here for a friend, please contact Steve directly with any questions or offers. Other than posting this message to the group, I am not involved in this sale.
73
Dan
K0DAN

==========

Subject: For Sale Acom Antenna Switch and Controller

For sale:

Acom 2000S remote antenna switch. Acom antenna switch is a remote 10 way antenna switch that handles up to 5KW. It is designed to work automatically with the Acom 2000 amplifier and can also be used in a manual mode or used with the RS232 serial port which can be custom controlled by your PC. Unit has never been used and is mint in the original carton including manual, RS-232 cable and control box. $600 plus shipping. Originally sold for $875. Weight is approximately 10lbs. I will provide pictures on request.
73
Steve
K1IIG (ok on qrz.com)
203-269-5777
"elks1365 at snet.net" <---------------please reassemble
spam-resistant email address
Wallingford , Ct

1768. Acom switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-22 18:51:20 UTC
From: n1wlc
Topic: 1768 Message: 1768

Could I please see some pics of the switch?

Thanks

1769. Pics

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-22 18:52:04 UTC
From: n1wlc
Topic: 1769 Message: 1769

Could I please see some pics of the switch?

Thanks

1770. Re: [acom-list] Acom switch

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-22 20:32:00 UTC
From: K0DAN
Topic: 1768 Message: 1770

Please see below, and contact Steve directly....he is not subscribed to this list.

Dan
K0DAN

----- Original Message -----
From: "n1wlc" <n1wlc@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, October 22, 2006 1:51 PM
Subject: [acom-list] Acom switch

> Could I please see some pics of the switch?
>
> Thanks
>
>Here is an ACOM antenna switch for sale. I'm listing it here for a friend, please contact Steve directly with any questions or offers. Other than posting this message to the group, I am not involved in this sale.
73
Dan
K0DAN
==========
Subject: For Sale Acom Antenna Switch and Controller
For sale:
Acom 2000S remote antenna switch. Acom antenna switch is a remote 10 way antenna switch that handles up to 5KW. It is designed to work automatically with the Acom 2000 amplifier and can also be used in a manual mode or used with the RS232 serial port which can be custom controlled by your PC. Unit has never been used and is mint in the original carton including manual, RS-232 cable and control box. $600 plus shipping. Originally sold for $875. Weight is approximately 10lbs. I will provide pictures on request.
73
Steve
K1IIG (ok on qrz.com)
203-269-5777
"elks1365 at snet.net" <---------------please reassemble spam-resistant email address
Wallingford , Ct

1771. ACOM 1000 and FT-990 **HOT SWITCHING**

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-23 21:16:59 UTC
From: supernova12de
Topic: 1771 Message: 1771

Hello,

I purchased an new ACOM 1000 and have problems to get it running with my FT-990.

While giving a continuous CW signal for tuning I get the message **HOT SWITCHING**.

REMOTE output and the FT-990 internal relay is used for connect with ACOMs KEY-IN.

The cable comes from my ACOM dealer.

Any help is very appreciated.

Volker, DL9HO

1772. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-30 19:26:21 UTC
From: Massimo IZ5ASZ
Topic: 1052 Message: 1772

Hello again,
I have cut off all the molex connectors (the white ones), even tough there were not mark of overheating. Soldered the wires diretcly on the lv board.
Now my Acom2000a works again.
Still , I read on the remote control unit that the filament volts is still a little bit too low. about 10.6 v 10.9.
But Ithink it is a problem on the Analogic interface PCB.

Thanks to All
Massimo

----- Original Message -----
From: Massimo IZ5ASZ
To: acom-list@yahoogroups.com
Sent: Friday, October 20, 2006 1:10 PM
Subject: [acom-list] Heater voltage too low

Hello everybody

I am having this failure on my Acom2000A.
When I try to switch it on , after 4/5 seconds it shout down with this message (heater voltage too low :2.37V)
Can You help Me to resolve this problem?
Many thanks.
73, Massimo IZ5ASZ

[Non-text portions of this message have been removed]

_____ Informazione NOD32 1.1818 (20061020) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

1773. Re: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-30 21:55:14 UTC
From: N6KI Dennis Vernacchia
Topic: 1052 Message: 1773

Massimo

Be sure your line voltage jumpers are set correctly

A low line voltage or incorrect setting might
result in that error

73, Dennis Vernacchia
N6KI
San Diego

Massimo IZ5ASZ wrote:
>
> Hello again,
> I have cut off all the molex connectors (the white ones), even tough
> there were not mark of overheating. Soldered the wires diretcly on the
> lv board.
> Now my Acom2000a works again.
> Still , I read on the remote control unit that the filament volts is
> still a little bit too low. about 10.6 v 10.9.
> But Ithink it is a problem on the Analogic interface PCB.
>
> Thanks to All
> Massimo
>
> ----- Original Message -----
> From: Massimo IZ5ASZ
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Friday, October 20, 2006 1:10 PM
> Subject: [acom-list] Heater voltage too low
>
> Hello everybody
>
> I am having this failure on my Acom2000A.
> When I try to switch it on , after 4/5 seconds it shout down with this
> message (heater voltage too low :2.37V)
> Can You help Me to resolve this problem?
> Many thanks.
> 73, Massimo IZ5ASZ
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 1.1818 (20061020) _____
>
> Questo messaggio ? stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it <http://www.nod32.it>

>
> [Non-text portions of this message have been removed]
>
>

1774. RE: [acom-list] Heater voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-30 22:48:52 UTC
From: Neil King
Topic: 1052 Message: 1774

Massimo,

I concur with Dennis. I had a similar experience. As soon as I re-strapped my 2000 for a lower than expected line voltage, the "heater voltage too low message disappeared".

Neil
VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of N6KI Dennis Vernacchia
Sent: October 30, 2006 1:55 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Heater voltage too low

Massimo

Be sure your line voltage jumpers are set correctly

A low line voltage or incorrect setting might
result in that error

73, Dennis Vernacchia
N6KI
San Diego

Massimo IZ5ASZ wrote:
>
> Hello again,
> I have cut off all the molex connectors (the white ones), even tough
> there were not mark of overheating. Soldered the wires diretcly on the
> lv board.
> Now my Acom2000a works again.
> Still , I read on the remote control unit that the filament volts is
> still a little bit too low. about 10.6 v 10.9.
> But Ithink it is a problem on the Analogic interface PCB.
>
> Thanks to All
> Massimo
>
> ----- Original Message -----
> From: Massimo IZ5ASZ
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Friday, October 20, 2006 1:10 PM
> Subject: [acom-list] Heater voltage too low
>

> Hello everybody
>
> I am having this failure on my Acom2000A.
> When I try to switch it on , after 4/5 seconds it shout down with this
> message (heater voltage too low :2.37V)
> Can You help Me to resolve this problem?
> Many thanks.
> 73, Massimo IZ5ASZ
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 1.1818 (20061020) _____
>
> Questo messaggio è stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it <http://www.nod32.it>
>
> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

1775. Re: acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-31 15:40:22 UTC
From: kamarty456
Topic: 1758 Message: 1775

just a follow up to my original posting.

I finally went through the delicate/arduous task of removing the 2000A cover. The inside actually looked quite clean, the circuit boards did not even display a light coating of dust.

I did note the silver coils did darken in some areas. I'm in Arizona so salt air or high humidity are not an issue.

I then took the air hose and began to blow out what I thought was a clean chassis! I did have two large dust bunnies fly out around the high speed fan cooling the tubes. The squirrel cage did have some dust on it. I ran about 80psi of air pressure.

I took my time and hit the innards in many directions to ensure any dust is blown away. I then waited for the cloud to settle and repeated the action.

I then ran the amp for a day with the cover set to cover the safety interlocks. Yeah dangerous..but the amp sits 10 feet from the operating position. The results were all temperatures normal.

I then replaced the cover and gently replaced the screws..no torquing here!!!!

All seems to be working well as the initial warm up temperature is between 30-40C and after long SSB cycles I run 60-100C. These numbers are my "normals". I suspect the back of the amp sitting only 3-4 inches from the wall there may be an air flow issue. I'll determine if I can move the amp further out to improve the air flow.

The idea of adding fans to the chimneys does sound clever but how much noise was introduced into the mix?

Thanks to those who replied to my original message

Marty, ka7gkn

1776. Re: [acom-list] Re: acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-31 16:33:28 UTC
From: alsopb
Topic: 1758 Message: 1776

Egads 60-100C for SSB?

I never saw anything above 60C even when running RTTY contests at full legal output power. That is without the aux fan.

Look for some more dust bunnies.

73 de Brian/K3KO

kamarty456 wrote:
> just a follow up to my original posting.
>
> I finally went through the delicate/arduous task of removing the
> 2000A cover. The inside actually looked quite clean, the circuit
> boards did not even display a light coating of dust.
>
> I did note the silver coils did darken in some areas. I'm in Arizona
> so salt air or high humidity are not an issue.
>
> I then took the air hose and began to blow out what I thought was a
> clean chassis! I did have two large dust bunnies fly out around the
> high speed fan cooling the tubes. The squirrel cage did have some
> dust on it. I ran about 80psi of air pressure.
>
> I took my time and hit the innards in many directions to ensure any
> dust is blown away. I then waited for the cloud to settle and
> repeated the action.
>
> I then ran the amp for a day with the cover set to cover the safety
> interlocks. Yeah dangerous..but the amp sits 10 feet from the
> operating position. The results were all temperatures normal.
>
> I then replaced the cover and gently replaced the screws..no
> torquing here!!!!
>
> All seems to be working well as the initial warm up temperature is
> between 30-40C and after long SSB cycles I run 60-100C. These
> numbers are my "normals". I suspect the back of the amp sitting
> only 3-4 inches from the wall there may be an air flow issue. I'll
> determine if I can move the amp further out to improve the air flow.
>
> The idea of adding fans to the chimneys does sound clever but how
> much noise was introduced into the mix?
>
> Thanks to those who replied to my original message
>

> Marty, ka7gkn
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> Yahoo! Groups Links
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1777. Re: [acom-list] Re: acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-31 16:46:06 UTC
From: Barry
Topic: 1758 Message: 1777

For SSB with extended xmit (like CQing in a contest with short breaks to listen) I've gone up to 70-80C. It's probably related to increased duty cycle of the speech processor. Brian, you're right about RTTY, in that it goes no higher than 80C. BTW, I do have the accessory fan on the back air input.
73,
Barry W2UP

alsopb wrote:
>
> Egads 60-100C for SSB?
>
> I never saw anything above 60C even when running RTTY contests at full
> legal output power. That is without the aux fan.
>
> Look for some more dust bunnies.
>
> 73 de Brian/K3KO
>
> kamarty456 wrote:
> > just a follow up to my original posting.
> >
> > I finally went through the delicate/arduous task of removing the
> > 2000A cover. The inside actually looked quite clean, the circuit
> > boards did not even display a light coating of dust.
> >
> > I did note the silver coils did darken in some areas. I'm in Arizona
> > so salt air or high humidity are not an issue.
> >
> > I then took the air hose and began to blow out what I thought was a
> > clean chassis! I did have two large dust bunnies fly out around the
> > high speed fan cooling the tubes. The squirrel cage did have some
> > dust on it. I ran about 80psi of air pressure.
> >
> > I took my time and hit the innards in many directions to ensure any
> > dust is blown away. I then waited for the cloud to settle and
> > repeated the action.
> >
> > I then ran the amp for a day with the cover set to cover the safety
> > interlocks. Yeah dangerous..but the amp sits 10 feet from the
> > operating position. The results were all temperatures normal.
> >
> > I then replaced the cover and gently replaced the screws..no
> > torquing here!!!!
> >

> > All seems to be working well as the initial warm up temperature is
> > between 30-40C and after long SSB cycles I run 60-100C. These
> > numbers are my "normals". I suspect the back of the amp sitting
> > only 3-4 inches from the wall there may be an air flow issue. I'll
> > determine if I can move the amp further out to improve the air flow.
> >
> > The idea of adding fans to the chimneys does sound clever but how
> > much noise was introduced into the mix?
> >
> > Thanks to those who replied to my original message
> >
> > Marty, ka7gkn
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[Non-text portions of this message have been removed]

1778. RE: [acom-list] Re: acom 2000 low air flow alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2006-10-31 18:59:54 UTC
From: bmarton
Topic: 1758 Message: 1778

Marty,

That's about average for me too. If you run a SSB foot switch for transmit, you'll see the amp upwards of 90 degrees on long transmissions (like you do too). Don't worry about it. Krassy told me it's no issue for the amp to run like this.

Bruce

K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of alsopb
Sent: Tuesday, October 31, 2006 11:33 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: acom 2000 low air flow alarm

Egads 60-100C for SSB?

I never saw anything above 60C even when running RTTY contests at full legal output power. That is without the aux fan.

Look for some more dust bunnies.

73 de Brian/K3KO

kamarty456 wrote:
> just a follow up to my original posting.
>
> I finally went through the delicate/arduous task of removing the
> 2000A cover. The inside actually looked quite clean, the circuit
> boards did not even display a light coating of dust.
>
> I did note the silver coils did darken in some areas. I'm in Arizona
> so salt air or high humidity are not an issue.
>
> I then took the air hose and began to blow out what I thought was a
> clean chassis! I did have two large dust bunnies fly out around the
> high speed fan cooling the tubes. The squirrel cage did have some
> dust on it. I ran about 80psi of air pressure.
>
> I took my time and hit the innards in many directions to ensure any
> dust is blown away. I then waited for the cloud to settle and
> repeated the action.
>

> I then ran the amp for a day with the cover set to cover the safety
> interlocks. Yeah dangerous..but the amp sits 10 feet from the
> operating position. The results were all temperatures normal.
>
> I then replaced the cover and gently replaced the screws..no
> torquing here!!!!
>
> All seems to be working well as the initial warm up temperature is
> between 30-40C and after long SSB cycles I run 60-100C. These
> numbers are my "normals". I suspect the back of the amp sitting
> only 3-4 inches from the wall there may be an air flow issue. I'll
> determine if I can move the amp further out to improve the air flow.
>
> The idea of adding fans to the chimneys does sound clever but how
> much noise was introduced into the mix?
>
> Thanks to those who replied to my original message
>
> Marty, ka7gkn
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> Yahoo! Groups Links
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_____ NOD32 1.1845 (20061031) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1779. Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 16:03:29 UTC
From: Daniel
Topic: 1779 Message: 1779

Hi folks

Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today? We have so many good solid state PA's?

Or are there any other good reasons to buy/have a tube-PA?

Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or THP HL1,5KFX..
So I "need" some godd points

Daniel, HB9DDS

1780. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 16:22:43 UTC
From: alsopb
Topic: 1779 Message: 1780

How about the 70-100 amp supply and the hefty power cables being a
negative. Personally, I don't want any of those arc welders in the
shack. Consider the effect of the magnetic field of that DC current
on surrounding objects.

How about the ability to handle 3:1 SWR's at full power? Haven't seen
a 1.5KW ham amp that can. On the other hand ACOM's tube amps do

73 de Brian/K3KO

Daniel wrote:
>
> Hi folks
>
> Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today? We have so many
> good solid state PA's?
>
> Or are there any other good reasons to buy/have a tube-PA?
>
> Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or THP HL1,5KFX..
> So I "need" some godd points
>
> Daniel, HB9DDS
>
>
> Yahoo! Groups Links
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1781. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 17:48:05 UTC
From: Martin De Craemer
Topic: 1779 Message: 1781

Hello Daniel

I'd go for the Acom 1000.
I am using it for rtty contesting most of the time
and believe me they can handle some serious work
and are a real pleasure to use,besides it will save you over 300 euros.
Give Ron at Vinecom a call and you will be convinced no doubt.

73 de ON6MX Martin
www.on6mx.be

----- Original Message -----
From: Daniel
To: acom-list@yahoogroups.com
Sent: Friday, November 10, 2006 5:03 PM
Subject: [acom-list] Old fashioned Tube PA today???

Hi folks

Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today? We have so many good solid state PA's?

Or are there any other good reasons to buy/have a tube-PA?

Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or THP HL1,5KFX..
So I "need" some godd points

Daniel, HB9DDS

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.430 / Virus Database: 268.14.2/528 - Release Date: 10/11/2006 14:31

[Non-text portions of this message have been removed]

1782. ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 16:41:11 UTC
From: William Beyer
Topic: 1782 Message: 1782

Anyone have a problem with FAN noise with there Acom 1010 amp!

Looking at one to purchase.

Yours Sincerely,

Bill Beyer/N2WB

DX RULES!!!!!!

[Non-text portions of this message have been removed]

1783. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 17:49:59 UTC
From: Franki ON5ZO
Topic: 1779 Message: 1783

> Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today?
> We have so many
> good solid state PA's?
>
> Or are there any other good reasons to buy/have a tube-PA?
>
> Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or
> THP HL1,5KFX..
> So I "need" some godd points
>
> Daniel, HB9DDS

Daniel, I have checked and compared for over 2 years and finally bought an ACOM 1000.

You can't go wrong I think - not the cheapest maybe but it keeps on going (48hrs 1kW contesting). It is very solid and well protected. I have pulled some nasty tricks when falling half asleep in the middle of a contest but the amp is well protected and very forgiving.

Also: tube is cheap, matched pair(s) of MOSFET = expensive!
Tuning is not an issue: I have made a table with values per band / antenna and it takes 3 seconds max to QSY and be on the air.

I chose the ACOM 1000 because it has so many good references. You can add mine to that.

73 de Franki ON5ZO

1784. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 19:35:33 UTC
From: Bill Carnett
Topic: 1779 Message: 1784

Nearly silent operations. Very cool operations. Still works at 3:1 SWR. Lots of headroom. Only downside is the 2 minute warm-up period. I'm sure the THP is a good product but the ACOM 1000A is incroyable

----- Original Message ----
From: Daniel <schaeffler@...>
To: acom-list@yahoogroups.com
Sent: Friday, November 10, 2006 9:03:29 AM
Subject: [acom-list] Old fashioned Tube PA today???

Hi folks

Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today? We have so many good solid state PA's?

Or are there any other good reasons to buy/have a tube-PA?

Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or THP HL1,5KFX.. So I "need" some godd points

Daniel, HB9DDS

[Non-text portions of this message have been removed]

1785. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 20:40:13 UTC
From: Alan Eshleman
Topic: 1779 Message: 1785

FWIW, I have an FL7000 solid state amp (600 w) and an ACOM 1010. The FL7000 is gathering dust because it has a hair trigger shut-down on 80 and 160 at very low SWR ratios. Instant-on and no-tune are nice features, but not enough to make me prefer the solid state amp.

73,

Alan/K6SRZ

At 11:35 11/10/2006 -0800, Bill Carnett wrote:
>Nearly silent operations. Very cool operations. Still works at 3:1
>SWR. Lots of headroom. Only downside is the 2 minute warm-up
>period. I'm sure the THP is a good product but the ACOM 1000A is incroyable
>
>
>----- Original Message ----
>From: Daniel <schaeffler@...>
>To: acom-list@yahoogroups.com
>Sent: Friday, November 10, 2006 9:03:29 AM
>Subject: [acom-list] Old fashioned Tube PA today???
>
>Hi folks
>
>Ist it really up to date, to buy/have an "old fashioned" tube-PA? Today?
>We have so many
>good solid state PA's?
>
>Or are there any other good reasons to buy/have a tube-PA?
>
>Because I'm thinking over to buy/have a ACOM 1000 or SPE EXPERT 1K-FA or
>THP HL1,5KFX..
>So I "need" some godd points
>
>Daniel, HB9DDS
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links

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1786. Re: [acom-list] ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 20:43:06 UTC
From: Alan Eshleman
Topic: 1782 Message: 1786

No problem with fan noise with my 1010

Alan/K6SRZ

At 11:41 11/10/2006 -0500, William Beyer wrote:
>Anyone have a problem with FAN noise with there Acom 1010 amp!
>
>Looking at one to purchase.
>----
>Yours Sincerely,
>
>Bill Beyer/N2WB
>
>DX RULES!!!!!!
>
>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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1787. Re: [acom-list] ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 22:57:41 UTC
From: Bob Naumann - W5OV
Topic: 1782 Message: 1787

I have an Acom 1000 and I cannot hear the fan.

> Anyone have a problem with FAN noise with there Acom 1010 amp!
>
> Looking at one to purchase.
> ----
> Yours Sincerely,
>
> Bill Beyer/N2WB
>
> DX RULES!!!!!!
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Bob Naumann - W5OV

1788. Re: [acom-list] ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 23:01:41 UTC
From: Bill Carnett
Topic: 1782 Message: 1788

Don't know about the 1010, but the 1000 is silent

----- Original Message ----
From: William Beyer <wbeyerjr@...>
To: ACOM List <acom-list@yahoogroups.com>
Sent: Friday, November 10, 2006 9:41:11 AM
Subject: [acom-list] ACOM 1010 Question

Anyone have a problem with FAN noise with there Acom 1010 amp!

Looking at one to purchase.

Yours Sincerely,

Bill Beyer/N2WB

DX RULES!!!!!!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1789. Re: Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-10 23:17:15 UTC
From: Daniel
Topic: 1779 Message: 1789

Thanks for all replay's

"... Still works at 3:1 SWR..."

Some of the solid state amplifiers have an internal automatic antenna tuner. So the can handle this SWR and higher!

More inputs?

Daniel, HB9DDS

1790. Re: [acom-list] ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 03:08:00 UTC
From: Jim Idelson
Topic: 1782 Message: 1790

Maybe here.

Jim K1IR

-----Original Message-----
From: "Bob Naumann - W5OV" <W5OV@...>
Date: Friday, Nov 10, 2006 5:57 pm
Subject: Re: [acom-list] ACOM 1010 Question

I have an Acom 1000 and I cannot hear the fan.

> Anyone have a problem with FAN noise with there Acom 1010 amp!

Looking at one to purchase.

Yours Sincerely,

Bill Beyer/N2WB

DX RULES!!!!!!

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Bob Naumann - W5OV

Yahoo! Groups Links

1791. Re: [acom-list] ACOM 1010 Question

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 03:11:00 UTC
From: Jim Idelson
Topic: 1782 Message: 1791

Oops. Wrong address. Please ignore.

Jim K1IR

-----Original Message-----
From: "Jim Idelson" <k1ir@...>
Date: Friday, Nov 10, 2006 10:08 pm
Subject: Re: [acom-list] ACOM 1010 Question

Maybe here.

Jim K1IR

-----Original Message-----
From: "Bob Naumann - W5OV" <W5OV@...>
Date: Friday, Nov 10, 2006 5:57 pm
Subject: Re: [acom-list] ACOM 1010 Question

I have an Acom 1000 and I cannot hear the fan.

> Anyone have a problem with FAN noise with there Acom 1010 amp!

Looking at one to purchase.

Yours Sincerely,

Bill Beyer/N2WB

DX RULES!!!!!!

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Bob Naumann - W5OV

Yahoo! Groups Links

1792. Re: [acom-list] Old fashioned Tube PA today???

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 05:00:23 UTC
From: Lew Sayre
Topic: 1779 Message: 1792

Yo,
I bought an ACOM 1000 right before we went to FT5XO. We abused it on 6M EME and primarily the low bands as we needed a bit of extra ooommph there. The amp worked so well that I bought a second one so that we had two of them on our recently completed ZL8R overnighter. Both amps were worked pretty hard for a week straight with varying voltages from our generators. The second amp had a few of its illumination lights on the display quit although the older amp had no such problems. Will, at ACOM, has been very responsive so far to the problem and I am pleased with the after-sales support shown.
My elderly home Alpha 77 has been showing signs of its age recently so am investigating the 2000A..based solely on the excellent functioning of the 1000.
73 and I remain,
Lew W7EW/W7AT

[Non-text portions of this message have been removed]

1793. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 09:52:06 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 1793

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /ACOM 1010.pdf
Uploaded by : hb9dds <schaeffler@...>
Description : 1010 Product Review

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/ACOM%201010.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

hb9dds <schaeffler@...>

1794. Re: [acom-list] New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 15:24:48 UTC
From: Frank J. Connelly
Topic: 318 Message: 1794

Don't want to start a major thread here, but the QST article is
copyrighted. Hope ARRL granted permission to post it.

"Note: You must observe the Yahoo! Groups Terms of Service when
uploading files and photos. Do not post copyrighted information
without the permission of the copyright owner. Do not upload photos
into Groups that contain illegal images. Please exercise good judgment."

73,
Frank

On Nov 11, 2006, at 2:52 AM, acom-list@yahoogroups.com wrote:

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the acom-list
> group.
>
> File : /ACOM 1010.pdf
> Uploaded by : hb9dds <schaeffler@...>
> Description : 1010 Product Review
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/acom-list/files/ACOM%201010.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> hb9dds <schaeffler@...>
>
>
>
>

[Non-text portions of this message have been removed]

1795. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 15:32:41 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 1795

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /ACOM 2000A.pdf
Uploaded by : hb9dds <schaeffler@...>
Description : ACOM 2000A Review

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/ACOM%202000A.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

hb9dds <schaeffler@...>

1797. Re: [acom-list] ARRL Review's in the file section

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 16:32:01 UTC
From: Frank J. Connelly
Topic: 1797 Message: 1797

Hi Daniel:

I have no dog in this fight. Do as you wish.

But all of those files contain copyrighted information and it is a violation of copyright laws as well as Yahoo's policy to post them unless permission from the copyright holder has been received. The fact that there may be other copyright violations in the files means only that others have done as you have. Probably the worst that can happen is that the ARRL complains to Yahoo and Yahoo then removes the files.

Have a good weekend.

73,
Frank, W7ND

On Nov 11, 2006, at 8:35 AM, Daniel wrote:

> There are the following ARRL Review's in the file section
>
> - ACOM 1000
> - ACOM 1010
> - ACOM 2000A
> - ACOM 2000A expanded
>
> Daniel, HB9DDS
>
>
>

[Non-text portions of this message have been removed]

1798. A1010 fan noise

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-11 22:11:12 UTC
From: Andy Hamon
Topic: 1798 Message: 1798

Guys

I own an A1010 and have used both A1000 and A2000 amps, so can give a "side by side" comparison.

I have to admit the fans on the A1010 do generate a bit more noise that the A1000 or A2000 but not anything near the same level as older 3-500 based machines.

I mentioned the noise from the A1010 fans to the guys at Acom, who quickly provided a mod to quiet things down. I confess that I have not carried out the mod myself but hear it does make an appreciable difference. All new build machines have the mod included.

These are my comments and observations based on an A1010 purchased August 2005.

73 & gud dx

Andy, GU4WTN

[Non-text portions of this message have been removed]

1799. ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 16:50:08 UTC
From: pa7two
Topic: 1799 Message: 1799

Hi to al ACOM lovers,

I noticed some behaviour I did not saw before during this weekend
while chatting in SSB.

When I set the power_output of about 35 watts or so on my TRX, and
press the PTT key, SSB modulation, I see a huge output power spike on
scale of the ACOM 1000. Full power on the scale at first, then to
normal level 600-650 watts.
I used my FT1000 MK V and a KWD ts570DSG and with both radios I
observed this behaviour. In CW/FM all is OK, just a slightly higher
output at the start of PTT but that's just one segment on the ACOMs
display and I suppose it is normal since HV is its highest at start of TX.

If I repeat the PTT on my radio quickly after each other, no spikes
noticable. Only when I leave the radio in RX for 5-10 seconds and then
push the PTT and start talking.

Is this normal behaviour?

Looking forward to your replies,

73, de Kees - pa7two

1800. Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 17:58:44 UTC
From: Bob Sampson
Topic: 1799 Message: 1800

Kees,

I use an Icom 746 to drive my ACOM 1000. The 746 is know for a large spike on start of SSB transmition. The transceiver spike drives the my ACOM to several hundred watts upon keying the mic. I do not notice it in CW.

I don't know the FT1000 but you might check it for a spike on ssb transmit.

73,

K6MBY
Sequim, Washington

--- In acom-list@yahoogroups.com, "pa7two" <m5two@...> wrote:
>
> Hi to al ACOM lovers,
>
> I noticed some behaviour I did not saw before during this weekend
> while chatting in SSB.
>
> When I set the power_output of about 35 watts or so on my TRX, and
> press the PTT key, SSB modulation, I see a huge output power spike
on
> scale of the ACOM 1000. Full power on the scale at first, then to
> normal level 600-650 watts.
> I used my FT1000 MK V and a KWD ts570DSG and with both radios I
> observed this behaviour. In CW/FM all is OK, just a slightly higher
> output at the start of PTT but that's just one segment on the ACOMs
> display and I suppose it is normal since HV is its highest at start
of TX.
>
> If I repeat the PTT on my radio quickly after each other, no spikes
> noticable. Only when I leave the radio in RX for 5-10 seconds and
then
> push the PTT and start talking.
>
>
> Is this normal behaviour?
>
> Looking forward to your replies,
>
> 73, de Kees - pa7two
>

1801. RE: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 18:17:48 UTC
From: John Lemay
Topic: 1799 Message: 1801

Kees

Sadly, this is a problem with many transceivers. It is not a problem with your Acom, the amplifier is doing just what it should, and it is amplifying what comes from your drive rig. What comes from your rig is full power, just for a moment, while the alc catches up and cuts back the power to whatever you have set it at. So, from most rigs that will be 100w for the first few milliseconds.

I use a TS2000. It's better than some in this respect, but still not perfect.

John G4ZTR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Bob Sampson
Sent: 12 November 2006 17:59
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Kees,

I use an Icom 746 to drive my ACOM 1000. The 746 is know for a large spike on start of SSB transmition. The transceiver spike drives the my ACOM to several hundred watts upon keying the mic. I do not notice it in CW.

I don't know the FT1000 but you might check it for a spike on ssb transmit.

73,

K6MBY
Sequim, Washington

--- In acom-list@yahoogroups.com, "pa7two" <m5two@...> wrote:
>
> Hi to al ACOM lovers,
>
> I noticed some behaviour I did not saw before during this weekend
> while chatting in SSB.
>
> When I set the power_output of about 35 watts or so on my TRX, and
> press the PTT key, SSB modulation, I see a huge output power spike on
> scale of the ACOM 1000. Full power on the scale at first, then to

> normal level 600-650 watts.
> I used my FT1000 MK V and a KWD ts570DSG and with both radios I
> observed this behaviour. In CW/FM all is OK, just a slightly higher
> output at the start of PTT but that's just one segment on the ACOMs
> display and I suppose it is normal since HV is its highest at start
of TX.
>
> If I repeat the PTT on my radio quickly after each other, no spikes
> noticable. Only when I leave the radio in RX for 5-10 seconds and
then
> push the PTT and start talking.
>
>
> Is this normal behaviour?
>
> Looking forward to your replies,
>
> 73, de Kees - pa7two
>

Yahoo! Groups Links

1802. Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 18:27:33 UTC
From: pa7two
Topic: 1799 Message: 1802

Hi Bob,

Yes, from the ICOM radios I knew about start of Transmission spikes,
but not from a KWD nor Yaesu FT1000MP MK V... I never have noticed
this because I hardly use SSB you see, mostly CW these days for me.

Your ACOM amp is fully happy with the several hundred of spike watts?

Let us see what the others say, I am very much looking forward to read
more replies!

Vy 73, de Kees.

--- In acom-list@yahoogroups.com, "Bob Sampson" <k6mby@...> wrote:
>
> Kees,
>
> I use an Icom 746 to drive my ACOM 1000. The 746 is know for a large
> spike on start of SSB transmition. The transceiver spike drives the
> my ACOM to several hundred watts upon keying the mic. I do not
> notice it in CW.
>
> I don't know the FT1000 but you might check it for a spike on ssb
> transmit.
>
> 73,
>
> K6MBY
> Sequim, Washington
>
>
>
> --- In acom-list@yahoogroups.com, "pa7two" <m5two@> wrote:
> >
> > Hi to al ACOM lovers,
> >
> > I noticed some behaviour I did not saw before during this weekend
> > while chatting in SSB.
> >
> > When I set the power_output of about 35 watts or so on my TRX, and
> > press the PTT key, SSB modulation, I see a huge output power spike
> on
> > scale of the ACOM 1000. Full power on the scale at first, then to
> > normal level 600-650 watts.
> > I used my FT1000 MK V and a KWD ts570DSG and with both radios I
> > observed this behaviour. In CW/FM all is OK, just a slightly higher

> > output at the start of PTT but that's just one segment on the ACOMs
> > display and I suppose it is normal since HV is its highest at start
> of TX.
> >
> > If I repeat the PTT on my radio quickly after each other, no spikes
> > noticable. Only when I leave the radio in RX for 5-10 seconds and
> then
> > push the PTT and start talking.
> >
> >
> > Is this normal behaviour?
> >
> > Looking forward to your replies,
> >
> > 73, de Kees - pa7two
> >
>

1803. Re: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 21:07:02 UTC
From: Bob Sampson
Topic: 1799 Message: 1803

Kees,

Well, the ACOM seems happy as long as it is fully switched to the transmit mode PRIOR to getting the spike from the transceiver. Not meaning to run an advertisement here, but I use a MicroHam unit that will introduce a variable amount of transceiver keying delay to allow a power amplifier to make a switch from standby to transmit prior to getting the transceiver power. My delay is approximately 50 ms. Much less than 50 ms and the amplifier does do the Hot Switch alarm on transmit. As I recall the ICOM 746 has a several hundred milliseconds burst beginning and end of transmission.

So, as you say, it will be interesting to see what others have to say.

73,

Bob
K6MBY

pa7two wrote:
> Hi Bob,
>
> Yes, from the ICOM radios I knew about start of Transmission spikes,
> but not from a KWD nor Yaesu FT1000MP MK V... I never have noticed
> this because I hardly use SSB you see, mostly CW these days for me.
>
> Your ACOM amp is fully happy with the several hundred of spike watts?
>
> Let us see what the others say, I am very much looking forward to read
> more replies!
>
>
>
> Vy 73, de Kees.
>
>
>
> --- In acom-list@yahoogroups.com, "Bob Sampson" <k6mby@...> wrote:
>
>> Kees,
>>
>> I use an Icom 746 to drive my ACOM 1000. The 746 is know for a large
>> spike on start of SSB transmition. The transceiver spike drives the
>> my ACOM to several hundred watts upon keying the mic. I do not
>> notice it in CW.
>>

>> I don't know the FT1000 but you might check it for a spike on ssb
>> transmit.
>>
>> 73,
>>
>> K6MBY
>> Sequim, Washington
>>
>>
>>
>> --- In acom-list@yahoogroups.com, "pa7two" <m5two@> wrote:
>>
>>> Hi to al ACOM lovers,
>>>
>>> I noticed some behaviour I did not saw before during this weekend
>>> while chatting in SSB.
>>>
>>> When I set the power_output of about 35 watts or so on my TRX, and
>>> press the PTT key, SSB modulation, I see a huge output power spike
>>>
>> on
>>
>>> scale of the ACOM 1000. Full power on the scale at first, then to
>>> normal level 600-650 watts.
>>> I used my FT1000 MK V and a KWD ts570DSG and with both radios I
>>> observed this behaviour. In CW/FM all is OK, just a slightly higher
>>> output at the start of PTT but that's just one segment on the ACOMs
>>> display and I suppose it is normal since HV is its highest at start
>>>
>> of TX.
>>
>>> If I repeat the PTT on my radio quickly after each other, no spikes
>>> noticable. Only when I leave the radio in RX for 5-10 seconds and
>>>
>> then
>>
>>> push the PTT and start talking.
>>>
>>>
>>> Is this normal behaviour?
>>>
>>> Looking forward to your replies,
>>>
>>> 73, de Kees - pa7two
>>>
>>>
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> Yahoo! Groups Links
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1804. Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-12 21:19:35 UTC
From: pa7two
Topic: 1799 Message: 1804

Hi OM Bob,

Thanks for your replies.

I wonder if the ACOM likes the spikes in case where the AMP is not
(fully) tuned and we hit the PTT on our rigs.
I mean, a 100 or even 200 watts spike in a not tuned amp, or even a
100 or 200 watts spike in a normally tuned amplifier, it cannot be
good right?

73, de Kees.

--- In acom-list@yahoogroups.com, Bob Sampson <k6mby@...> wrote:
>
> Kees,
>
> Well, the ACOM seems happy as long as it is fully switched to the
> transmit mode PRIOR to getting the spike from the transceiver. Not
> meaning to run an advertisement here, but I use a MicroHam unit that
> will introduce a variable amount of transceiver keying delay to allow a
> power amplifier to make a switch from standby to transmit prior to
> getting the transceiver power. My delay is approximately 50 ms. Much
> less than 50 ms and the amplifier does do the Hot Switch alarm on
> transmit. As I recall the ICOM 746 has a several hundred milliseconds
> burst beginning and end of transmission.
>
> So, as you say, it will be interesting to see what others have to say.
>
> 73,
>
> Bob
> K6MBY
>
> pa7two wrote:
> > Hi Bob,
> >
> > Yes, from the ICOM radios I knew about start of Transmission spikes,
> > but not from a KWD nor Yaesu FT1000MP MK V... I never have noticed
> > this because I hardly use SSB you see, mostly CW these days for me.
> >
> > Your ACOM amp is fully happy with the several hundred of spike watts?
> >
> > Let us see what the others say, I am very much looking forward to read
> > more replies!
> >
> >

> >
> > Vy 73, de Kees.
> >
> >
> >
> > --- In acom-list@yahoogroups.com, "Bob Sampson" <k6mby@> wrote:
> >
> >> Kees,
> >>
> >> I use an Icom 746 to drive my ACOM 1000. The 746 is know for a
large
> >> spike on start of SSB transmition. The transceiver spike drives the
> >> my ACOM to several hundred watts upon keying the mic. I do not
> >> notice it in CW.
> >>
> >> I don't know the FT1000 but you might check it for a spike on ssb
> >> transmit.
> >>
> >> 73,
> >>
> >> K6MBY
> >> Sequim, Washington
> >>
> >>
> >>
> >> --- In acom-list@yahoogroups.com, "pa7two" <m5two@> wrote:
> >>
> >>> Hi to al ACOM lovers,
> >>>
> >>> I noticed some behaviour I did not saw before during this weekend
> >>> while chatting in SSB.
> >>>
> >>> When I set the power_output of about 35 watts or so on my TRX, and
> >>> press the PTT key, SSB modulation, I see a huge output power spike
> >>>
> >> on
> >>
> >>> scale of the ACOM 1000. Full power on the scale at first, then to
> >>> normal level 600-650 watts.
> >>> I used my FT1000 MK V and a KWD ts570DSG and with both radios I
> >>> observed this behaviour. In CW/FM all is OK, just a slightly higher
> >>> output at the start of PTT but that's just one segment on the ACOMs
> >>> display and I suppose it is normal since HV is its highest at start
> >>>
> >> of TX.
> >>
> >>> If I repeat the PTT on my radio quickly after each other, no spikes
> >>> noticable. Only when I leave the radio in RX for 5-10 seconds and
> >>>
> >> then

> >>
> >>> push the PTT and start talking.
> >>>
> >>>
> >>> Is this normal behaviour?
> >>>
> >>> Looking forward to your replies,
> >>>
> >>> 73, de Kees - pa7two
> >>>
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> > Yahoo! Groups Links
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1805. RE: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-13 13:23:13 UTC
From: N2TK, Tony
Topic: 1799 Message: 1805

I had this type of problem years ago with a TS930S. When I used the relay output to key the amp I would sometimes get a large RF spike out of the amp. So instead I used a signal on one of the connectors. I think it was a 12V signal when the RF was ON. The rise time of this was faster than the relay. It seemed the rig was putting out RF before the transmit relay's contacts were closed. I used this signal to turn on a power mosfet, which in turn keyed the amp. That seemed to solve that problem.
Since then I have been not been using the internal rig's relay to key the amp. Instead I look for a signal on the rear panel of the rig that is faster them the relay to key a power mosfet.
I don't know if this is the same type of problem you are seeing. Does the 746 put out the spike of power when it is running barefoot?
73,
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of John Lemay
Sent: Sunday, November 12, 2006 1:18 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Kees

Sadly, this is a problem with many transceivers. It is not a problem with your Acom, the amplifier is doing just what it should, and it is amplifying what comes from your drive rig. What comes from your rig is full power, just for a moment, while the alc catches up and cuts back the power to whatever you have set it at. So, from most rigs that will be 100w for the first few milliseconds.

I use a TS2000. It's better than some in this respect, but still not perfect.

John G4ZTR

-----Original Message-----
From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On Behalf
Of Bob Sampson
Sent: 12 November 2006 17:59
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Subject: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Kees,

I use an Icom 746 to drive my ACOM 1000. The 746 is know for a large spike on start of SSB transmition. The transceiver spike drives the my ACOM to several hundred watts upon keying the mic. I do not notice it in CW.

I don't know the FT1000 but you might check it for a spike on ssb transmit.

73,

K6MBY
Sequim, Washington

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> , "pa7two" <m5two@...> wrote:
>
> Hi to al ACOM lovers,
>
> I noticed some behaviour I did not saw before during this weekend
> while chatting in SSB.
>
> When I set the power_output of about 35 watts or so on my TRX, and
> press the PTT key, SSB modulation, I see a huge output power spike on
> scale of the ACOM 1000. Full power on the scale at first, then to
> normal level 600-650 watts.
> I used my FT1000 MK V and a KWD ts570DSG and with both radios I
> observed this behaviour. In CW/FM all is OK, just a slightly higher
> output at the start of PTT but that's just one segment on the ACOMs
> display and I suppose it is normal since HV is its highest at start of TX.
>
> If I repeat the PTT on my radio quickly after each other, no spikes
> noticable. Only when I leave the radio in RX for 5-10 seconds and then
> push the PTT and start talking.
>
>
> Is this normal behaviour?
>
> Looking forward to your replies,
>
> 73, de Kees - pa7two
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1806. Re: [acom-list] Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-13 16:38:04 UTC
From: Frank Connelly
Topic: 1799 Message: 1806

Also not wishing to plug a company, but Heil Sound makes a foot switch that is designed to key the amp relay before the rig relay.

73,
Frank, W7ND

On Sunday, November 12, 2006, at 01:08PM, "Bob Sampson" <k6mby@...> wrote:
>Kees,
>
>Well, the ACOM seems happy as long as it is fully switched to the
>transmit mode PRIOR to getting the spike from the transceiver. Not
>meaning to run an advertisement here, but I use a MicroHam unit that
>will introduce a variable amount of transceiver keying delay to allow a
>power amplifier to make a switch from standby to transmit prior to
>getting the transceiver power. My delay is approximately 50 ms. Much
>less than 50 ms and the amplifier does do the Hot Switch alarm on
>transmit. As I recall the ICOM 746 has a several hundred milliseconds
>burst beginning and end of transmission.
>
>So, as you say, it will be interesting to see what others have to say.
>
>73,
>
>Bob
>K6MBY
>

1807. I did it!

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-14 20:27:16 UTC
From: Daniel
Topic: 1807 Message: 1807

Ho folks

I did it! I did it! I did it! I did it! I did it! I did it!

It is a second hand ACOM 1000. Not bad!

Daniel, HB9DDS

Is there also a counter in the 1000? If YES, how can I activate it?

1808. Re: ACOM 1000 output spikes at start of transmission

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-14 20:51:12 UTC
From: pa7two
Topic: 1799 Message: 1808

Hi all,

Would like to read reviews from Yaesu FT1000mp MK V users, to do a comparision?

73, de Kees

--- In acom-list@yahoogroups.com, Frank Connelly <w7nd@...> wrote:
>
> Also not wishing to plug a company, but Heil Sound makes a foot switch that is designed to key the amp relay before the rig relay.
>
> 73,
> Frank, W7ND
>
>
> On Sunday, November 12, 2006, at 01:08PM, "Bob Sampson" <k6mby@...> wrote:
> >Kees,
> >
> >Well, the ACOM seems happy as long as it is fully switched to the
> >transmit mode PRIOR to getting the spike from the transceiver. Not
> >meaning to run an advertisement here, but I use a MicroHam unit that
> >will introduce a variable amount of transceiver keying delay to allow a
> >power amplifier to make a switch from standby to transmit prior to
> >getting the transceiver power. My delay is approximately 50 ms. Much
> >less than 50 ms and the amplifier does do the Hot Switch alarm on
> >transmit. As I recall the ICOM 746 has a several hundred milliseconds
> >burst beginning and end of transmission.
> >
> >So, as you say, it will be interesting to see what others have to say.
> >
> >73,
> >
> >Bob
> >K6MBY
> >
>

1809. Re: I did it!

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-14 20:52:47 UTC
From: pa7two
Topic: 1807 Message: 1809

Congrats Daniel!

73, de Kees - pa7two

--- In acom-list@yahoogroups.com, "Daniel" <schaeffler@...> wrote:
>
> Ho folks
>
> I did it! I did it! I did it! I did it! I did it! I did it!
>
> It is a second hand ACOM 1000. Not bad!
>
> Daniel, HB9DDS
>
> Is there also a counter in the 1000? If YES, how can I activate it?
>

1810. ACOM 1000 questions

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-14 23:17:23 UTC
From: Daniel
Topic: 1807 Message: 1810

HI folks

I've tested a little bit my new 1000 this evening on a dummy load to get any routine for tuning. It's easy, very easy. Really.

So I have to questions:

-Is there also a counter in the 1000? If YES, how can I activate it?

- I have a TS-2000 where I can reduce the power from 5W to 100W in 1W/5W steps. I have also a TS-520SE but there I can't reduce the SSB power from 120W. The ACOM-1000 has no ALC input or so. How can I solve this "problem"? Thats only on my TS-520SE when I would NOT use the full output power!

Daniel, HB9DDS

1811. Re: [acom-list] ACOM 1000 questions

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-15 00:37:05 UTC
From: alsopb
Topic: 1807 Message: 1811

Daniel,

Can't you use the mike gain control?

If I recall on the TS520 series, the carrier level control adjusts the
CW output level and the mike gain adjusts the SSB level.

73 de Brian/K3KO

Daniel wrote:
> HI folks
>
> I've tested a little bit my new 1000 this evening on a dummy load to
> get any routine for tuning. It's easy, very easy. Really.
>
> So I have to questions:
>
> -Is there also a counter in the 1000? If YES, how can I activate it?
>
> - I have a TS-2000 where I can reduce the power from 5W to 100W in
> 1W/5W steps. I have also a TS-520SE but there I can't reduce the SSB
> power from 120W. The ACOM-1000 has no ALC input or so. How can I solve
> this "problem"? Thats only on my TS-520SE when I would NOT use the full
> output power!
>
> Daniel, HB9DDS
>
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1812. Re: I did it!

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-16 00:27:49 UTC
From: Hans , PA3HGT
Topic: 1807 Message: 1812

Congrats Daniel !

Hans,PA3HGT

Former Acom 1000 user and current Acom 2000A user.

--- In acom-list@yahoogroups.com, "Daniel" <schaeffler@...> wrote:
>
> Ho folks
>
> I did it! I did it! I did it! I did it! I did it! I did it!
>
> It is a second hand ACOM 1000. Not bad!
>
> Daniel, HB9DDS
>
> Is there also a counter in the 1000? If YES, how can I activate it?
>

1813. Re: ACOM 1000 questions

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-16 07:15:21 UTC
From: Daniel
Topic: 1807 Message: 1813

Hi Brian

".. If I recall on the TS520 series, the carrier level control adjusts the CW output level and the
mike gain adjusts the SSB level..."

For CW it is OK, but for SSB it is not a good idea to adjust the level with the Mic gain. The
more lauder you speak the more power goe's out. I think the only way ist, to give a voltage
voltage into the ALC connector of the TRX.

Daniel, HB9DDS

1814. arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 05:00:01 UTC
From: ny9h
Topic: 1814 Message: 1814

i am doing something wrong ?? or is the 2000a doing something wrong??

the swr reads low <1.6 on everything, my TenTec hercules drives the
inverted L ok , at 500 watts... but the 2000a goes into arc protection.

works fine at full power into different antenna.
Could this be from rf getting into the controller line ??
Beyond that anyone have a clue what is happening ...

thanks . I'm still learning this fine machine

bill ny9h

1815. RE: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 05:16:34 UTC
From: Neil King
Topic: 1814 Message: 1815

Bill,

I'd suggest looking at your coax, connectors and antenna first. My personal experience with arc faults have all ultimately been caused by something other than the amp. Flaws that may not have been evident with another amp show up very quickly with the 2000. Its protective circuitry does its job well.

Neil

VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of ny9h
Sent: November 18, 2006 9:00 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] arc fault on 80 & 160

i am doing something wrong ?? or is the 2000a doing something wrong??

the swr reads low <1.6 on everything, my TenTec hercules drives the inverted L ok , at 500 watts... but the 2000a goes into arc protection.

works fine at full power into different antenna.
Could this be from rf getting into the controller line ??
Beyond that anyone have a clue what is happening ...

thanks . I'm still learning this fine machine

bill ny9h

[Non-text portions of this message have been removed]

1816. CURRENT TOO HIGH 4.3A

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 05:27:24 UTC
From: 9K2HN
Topic: 1816 Message: 1816

Hi,

We are are getting this error when we start our Acom 2000a in the club "Current TOO HIGH 4.3A", how can we solve this problem?

de 9k2hn
Hamad

1817. Re: [acom-list] CURRENT TOO HIGH 4.3A

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 12:01:10 UTC
From: Barry
Topic: 1816 Message: 1817

Hamad,
Is it in rcve or xmit? If xmit, is it all frequencies? Have you tried retuning the involved segment(s)?
73,
Barry W2UP

9K2HN wrote:
>
> Hi,
>
> We are are getting this error when we start our Acom 2000a in the
> club "Current TOO HIGH 4.3A", how can we solve this problem?
>
> de 9k2hn
> Hamad
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1818. Re: arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 12:24:56 UTC
From: k1iig
Topic: 1814 Message: 1818

Bill,

The Acom is very sensitive to antennas that have problems. More than likely your antenna has a problem even though the swr looks ok and no problems with another antenna. Check for loose connections or connectors. There is a possiblity that RF is getting back into the shack. If you feel this is the case, make a simple choke. 10 turns of RG-8 on a 3" form should help. DX Engineering make some real nice baluns for high power, although they are a bit pricey.
Steve
K1IIG

--- In acom-list@yahoogroups.com, "ny9h" <ny9h@...> wrote:
>
> i am doing something wrong ?? or is the 2000a doing something wrong??
>
> the swr reads low <1.6 on everything, my TenTec hercules drives the
> inverted L ok , at 500 watts... but the 2000a goes into arc protection.
>
>
> works fine at full power into different antenna.
> Could this be from rf getting into the controller line ??
> Beyond that anyone have a clue what is happening ...
>
> thanks . I'm still learning this fine machine
>
> bill ny9h
>

1819. Re: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 16:07:08 UTC
From: K0DAN
Topic: 1814 Message: 1819

Bill:

Several people have given good advice regarding your arc fault situation. I've found that if the Acom throws errors at you, it's usually correct & protecting itself from something you can't see. If, after checking your entire antenna network (isolate tuners, coax switches, SWR bridges, and other "innocent" hardware in the 160/80M line) you still get the error, you might want to retune the Acom on each of your band 160/80/40M segments (see manual).

As to "innocent" devices, I had a pricey & high quality coax switch with gas tube surge protector that turned out was causing arc faults on the Acom. The switch "worked perfectly", had good isolation, the gas tube was OK, etc., etc. Out of stubborn faith I refused to to remove it from the line (it switched antennas from a doublet on 160/80/40 and a log periodic above 14 MHz). Like you, I kept getting arc faults only on the low freqs. Everything was working fine. Finally, out of desperation, I removed the coax switch, and no more problems. I still don't know why that switch was causing trouble, but the Acom is happy again, and that switch is no longer in my inventory.

Good luck & 73

Dan
K0DAN

----- Original Message -----
From: "ny9h" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, November 18, 2006 11:00 PM
Subject: [acom-list] arc fault on 80 & 160

>i am doing something wrong ?? or is the 2000a doing something wrong??
>
> the swr reads low <1.6 on everything, my TenTec hercules drives the
> inverted L ok , at 500 watts... but the 2000a goes into arc protection.
>
>
> works fine at full power into different antenna.
> Could this be from rf getting into the controller line ??
> Beyond that anyone have a clue what is happening ...
>
> thanks . I'm still learning this fine machine
>
> bill ny9h
>

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1820. RE: [acom-list] CURRENT TOO HIGH 4.3A

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-19 16:17:12 UTC
From: 9K2HN
Topic: 1816 Message: 1820

it does not complete the start up process even after few second it will
go off with this error.

de 9k2hn
Hamad

> -------- Original Message --------
> Subject: Re: [acom-list] CURRENT TOO HIGH 4.3A
> From: Barry <w2up@...>
> Date: Sun, November 19, 2006 3:01 pm
> To: acom-list@yahoogroups.com
>
>
>
>
>
>
> Hamad,
> Is it in rcve or xmit? If xmit, is it all frequencies? Have you tried
> retuning the involved segment(s)?
> 73,
> Barry W2UP
>
> 9K2HN wrote:
> >
> > Hi,
> >
> > We are are getting this error when we start our Acom 2000a in the
> > club "Current TOO HIGH 4.3A", how can we solve this problem?
> >
> > de 9k2hn
> > Hamad
> >
> >
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>
> [Non-text portions of this message have been removed]
>
>

1821. Re: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-20 02:27:48 UTC
From: Bill Steffey NY9H
Topic: 1814 Message: 1821

tnx Dan,

i did go down and pulled out any switches in the line; one was an
alpha type , but no cartridges to spark over... haven't fired it up
on 80 since some of those work- arounds,,, i have several top ten
devices in the line , but the problem was there even when i inserted
the amp after the relays,,,

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=62912243&f=0

if i felt ok abt letting the amp going into fault , I'd be better
about the testing procedure,,,,

tnx for the input

bill

At 10:07 AM 11/19/2006, you wrote:
>Bill:
>
>Several people have given good advice regarding your arc fault situation.
>I've found that if the Acom throws errors at you, it's usually correct &
>protecting itself from something you can't see. If, after checking your
>entire antenna network (isolate tuners, coax switches, SWR bridges, and
>other "innocent" hardware in the 160/80M line) you still get the error, you
>might want to retune the Acom on each of your band 160/80/40M segments (see
>manual).
>
>As to "innocent" devices, I had a pricey & high quality coax switch with gas
>tube surge protector that turned out was causing arc faults on the Acom. The
>switch "worked perfectly", had good isolation, the gas tube was OK, etc.,
>etc. Out of stubborn faith I refused to to remove it from the line (it
>switched antennas from a doublet on 160/80/40 and a log periodic above 14
>MHz). Like you, I kept getting arc faults only on the low freqs. Everything
>was working fine. Finally, out of desperation, I removed the coax switch,
>and no more problems. I still don't know why that switch was causing
>trouble, but the Acom is happy again, and that switch is no longer in my
>inventory.
>
>Good luck & 73
>
>Dan
>K0DAN
>
>----- Original Message -----
>From: "ny9h" <ny9h@...>

>To: <acom-list@yahoogroups.com>
>Sent: Saturday, November 18, 2006 11:00 PM
>Subject: [acom-list] arc fault on 80 & 160
>
>
> >i am doing something wrong ?? or is the 2000a doing something wrong??
> >
> > the swr reads low <1.6 on everything, my TenTec hercules drives the
> > inverted L ok , at 500 watts... but the 2000a goes into arc protection.
> >
> >
> > works fine at full power into different antenna.
> > Could this be from rf getting into the controller line ??
> > Beyond that anyone have a clue what is happening ...
> >
> > thanks . I'm still learning this fine machine
> >
> > bill ny9h
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1822. Re: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-20 03:12:58 UTC
From: K0DAN
Topic: 1814 Message: 1822

Hi Bill...

Well lots of luck. Wish I had the Silver Bullet for you, but I'm now tapped out on ideas.

I can tell you, however, that having had some of these arc-fault problems, and being in touch with several Acom owners, the amps have ALWAYS been right so far! Humbling, but it seems to make everyone happy that their expensive investment is protecting itself.

Might be time to contact Krassy or Will or one of the other guys at Acom?

Good luck & 73

Dan
K0DAN

----- Original Message -----
From: "Bill Steffey NY9H" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, November 19, 2006 8:27 PM
Subject: Re: [acom-list] arc fault on 80 & 160

> tnx Dan,
>
> i did go down and pulled out any switches in the line; one was an
> alpha type , but no cartridges to spark over... haven't fired it up
> on 80 since some of those work- arounds,,, i have several top ten
> devices in the line , but the problem was there even when i inserted
> the amp after the relays,,,
>
> http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=62912243&f=0
>
> if i felt ok abt letting the amp going into fault , I'd be better
> about the testing procedure,,,,
>
> tnx for the input
>
> bill
>
>
> At 10:07 AM 11/19/2006, you wrote:
>>Bill:
>>
>>Several people have given good advice regarding your arc fault situation.
>>I've found that if the Acom throws errors at you, it's usually correct &
>>protecting itself from something you can't see. If, after checking your

>>entire antenna network (isolate tuners, coax switches, SWR bridges, and
>>other "innocent" hardware in the 160/80M line) you still get the error,
>>you
>>might want to retune the Acom on each of your band 160/80/40M segments
>>(see
>>manual).
>>
>>As to "innocent" devices, I had a pricey & high quality coax switch with
>>gas
>>tube surge protector that turned out was causing arc faults on the Acom.
>>The
>>switch "worked perfectly", had good isolation, the gas tube was OK, etc.,
>>etc. Out of stubborn faith I refused to to remove it from the line (it
>>switched antennas from a doublet on 160/80/40 and a log periodic above 14
>>MHz). Like you, I kept getting arc faults only on the low freqs.
>>Everything
>>was working fine. Finally, out of desperation, I removed the coax switch,
>>and no more problems. I still don't know why that switch was causing
>>trouble, but the Acom is happy again, and that switch is no longer in my
>>inventory.
>>
>>Good luck & 73
>>
>>Dan
>>K0DAN
>>
>>----- Original Message -----
>>From: "ny9h" <ny9h@...>
>>To: <acom-list@yahoogroups.com>
>>Sent: Saturday, November 18, 2006 11:00 PM
>>Subject: [acom-list] arc fault on 80 & 160
>>
>>
>> >i am doing something wrong ?? or is the 2000a doing something wrong??
>> >
>> > the swr reads low <1.6 on everything, my TenTec hercules drives the
>> > inverted L ok , at 500 watts... but the 2000a goes into arc protection.
>> >
>> >
>> > works fine at full power into different antenna.
>> > Could this be from rf getting into the controller line ??
>> > Beyond that anyone have a clue what is happening ...
>> >
>> > thanks . I'm still learning this fine machine
>> >
>> > bill ny9h
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1823. RE: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-20 14:10:44 UTC
From: Robert Naumann
Topic: 1814 Message: 1823

You could have arcing in any one of those very numerous connectors on your cross connect panel.

Use a piece of coax from the amp's output directly to the antenna's feedline and test it that way to eliminate all of that stuff from the RF path.

-----Original Message-----
From: Bill Steffey NY9H [mailto:ny9h@...]
Sent: Sunday, November 19, 2006 8:28 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] arc fault on 80 & 160

tnx Dan,

i did go down and pulled out any switches in the line; one was an alpha type , but no cartridges to spark over... haven't fired it up on 80 since some of those work- arounds,,, i have several top ten devices in the line , but the problem was there even when i inserted the amp after the relays,,,

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=62912243&f=0

if i felt ok abt letting the amp going into fault , I'd be better about the testing procedure,,,,

tnx for the input

bill

At 10:07 AM 11/19/2006, you wrote:
>Bill:
>
>Several people have given good advice regarding your arc fault situation.
>I've found that if the Acom throws errors at you, it's usually correct &
>protecting itself from something you can't see. If, after checking your
>entire antenna network (isolate tuners, coax switches, SWR bridges, and
>other "innocent" hardware in the 160/80M line) you still get the error, you
>might want to retune the Acom on each of your band 160/80/40M segments (see
>manual).
>
>As to "innocent" devices, I had a pricey & high quality coax switch with
gas
>tube surge protector that turned out was causing arc faults on the Acom.
The
>switch "worked perfectly", had good isolation, the gas tube was OK, etc.,
>etc. Out of stubborn faith I refused to to remove it from the line (it

>switched antennas from a doublet on 160/80/40 and a log periodic above 14
>MHz). Like you, I kept getting arc faults only on the low freqs. Everything
>was working fine. Finally, out of desperation, I removed the coax switch,
>and no more problems. I still don't know why that switch was causing
>trouble, but the Acom is happy again, and that switch is no longer in my
>inventory.
>
>Good luck & 73
>
>Dan
>K0DAN
>
>----- Original Message -----
>From: "ny9h" <ny9h@...>
>To: <acom-list@yahoogroups.com>
>Sent: Saturday, November 18, 2006 11:00 PM
>Subject: [acom-list] arc fault on 80 & 160
>
>
> >i am doing something wrong ?? or is the 2000a doing something wrong??
> >
> > the swr reads low <1.6 on everything, my TenTec hercules drives the
> > inverted L ok , at 500 watts... but the 2000a goes into arc protection.
> >
> >
> > works fine at full power into different antenna.
> > Could this be from rf getting into the controller line ??
> > Beyond that anyone have a clue what is happening ...
> >
> > thanks . I'm still learning this fine machine
> >
> > bill ny9h
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1824. RE: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-20 14:40:15 UTC
From: Bill Steffey NY9H
Topic: 1814 Message: 1824

Thanks Bob, for the comment...

I did "insert" the amp after all the switching stuff, as you
correctly suggested , same exact problem. and it is alot of stuff !!!!!

i'm going to the yard and check on the actual radiator....

tnx & Happy Thanksgiving to all....
(If we are lucky enough to have the loot for an ACOM , we are ALL
fortunate and have a lot to be thankful for :) ....

bill

At 08:10 AM 11/20/2006, you wrote:
>You could have arcing in any one of those very numerous connectors on your
>cross connect panel.
>
>Use a piece of coax from the amp's output directly to the antenna's feedline
>and test it that way to eliminate all of that stuff from the RF path.
>

1825. FW: RE: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-20 14:53:00 UTC
From: Jim Idelson
Topic: 1825 Message: 1825

You don't have to worry about hurting the amp by activating that arc fault protection. It shuts the amp down well before anything bad can happen. You can feel comfortable exercising it as much as necessary to track down the bad connection or relay.

73,

Jim K1IR

-----Original Message-----
From: "Robert Naumann" <W5OV@...>
Date: Monday, Nov 20, 2006 9:10 am
Subject: RE: [acom-list] arc fault on 80 & 160

You could have arcing in any one of those very numerous connectors on your cross connect panel.

Use a piece of coax from the amp's output directly to the antenna's feedline and test it that way to eliminate all of that stuff from the RF path.

-----Original Message-----
From: Bill Steffey NY9H [mailto:ny9h@...]
Sent: Sunday, November 19, 2006 8:28 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] arc fault on 80 & 160

tnx Dan,

i did go down and pulled out any switches in the line; one was an
alpha type , but no cartridges to spark over... haven't fired it up
on 80 since some of those work- arounds,,, i have several top ten
devices in the line , but the problem was there even when i inserted
the amp after the relays,,,

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=62912243&f=
0

if i felt ok abt letting the amp going into fault , I'd be better
about the testing procedure,,,,

tnx for the input

bill

At 10:07 AM 11/19/2006, you wrote:
Bill:

>Several people have given good advice regarding your arc fault situation.
I've found that if the Acom throws errors at you, it's usually correct &

protecting itself from something you can't see. If, after checking your entire antenna network (isolate tuners, coax switches, SWR bridges, and other "innocent" hardware in the 160/80M line) you still get the error, you might want to retune the Acom on each of your band 160/80/40M segments (see manual).

>As to "innocent" devices, I had a pricey & high quality coax switch with gas tube surge protector that turned out was causing arc faults on the Acom. The switch "worked perfectly", had good isolation, the gas tube was OK, etc., etc. Out of stubborn faith I refused to to remove it from the line (it switched antennas from a doublet on 160/80/40 and a log periodic above 14 MHz). Like you, I kept getting arc faults only on the low freqs. Everything was working fine. Finally, out of desperation, I removed the coax switch, and no more problems. I still don't know why that switch was causing trouble, but the Acom is happy again, and that switch is no longer in my inventory.

>Good luck & 73

>Dan
K0DAN

>----- Original Message -----
From: "ny9h" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, November 18, 2006 11:00 PM
Subject: [acom-list] arc fault on 80 & 160

>
>i am doing something wrong ?? or is the 2000a doing something wrong??
>
> the swr reads low <1.6 on everything, my TenTec hercules drives the
> inverted L ok , at 500 watts... but the 2000a goes into arc protection.
>
>
> works fine at full power into different antenna.
> Could this be from rf getting into the controller line ??
> Beyond that anyone have a clue what is happening ...
>
> thanks . I'm still learning this fine machine
>
> bill ny9h
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1826. Re: FW: RE: [acom-list] arc fault on 80 & 160

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-21 19:35:49 UTC
From: N1EU
Topic: 1825 Message: 1826

Use a dummy load to identify the antenna/feedline component that is causing the fault between the amp's SO-239 and the antenna. First confirm that there are no arc faults with the dummy load connected directly to the 2000A, and then proceed either outward to antenna or work back from antenna toward shack with the dummy load.

73,
Barry N1EU

--- In acom-list@yahoogroups.com, "Jim Idelson" <k1ir@...> wrote:
>
> You don't have to worry about hurting the amp by activating that arc fault protection.

1827. [acom-list] For Sale Acom Antenna Switch and Controller

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-26 06:41:02 UTC
From: K0DAN
Topic: 1755 Message: 1827

Here is an ACOM antenna switch for sale. I'm listing it here for a
friend, please contact him him directly with any questions or offers.
Other than posting this message to the group, I am not involved in this
sale.
73
Dan
K0DAN

Subject: [acom-list] For Sale Acom Antenna Switch and Controller

For sale:

Acom 2000S remote antenna switch. Acom antenna switch is a remote 10 way
antenna switch that handles up to 5KW. It is designed to work automatically
with the Acom 2000 amplifier and can also be used in a manual mode or
with the RS232 serial port which can be custom controlled by your PC.

Unit has never been used and is mint in the original carton including
manual,
RS-232 cable and control box. Asking $600 plus shipping. Originally sold for
$875. Weight is approximately 10lbs. I will provide pictures on request.

Steve
K1IIG (ok on qrz.com)
203-269-5777
elks1365@...
Wallingford , Ct

1828. Acom 2000A Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-27 19:18:27 UTC
From: k2qmf@juno.com
Topic: 1828 Message: 1828

Hello All,

I had my 2000A on and running for 48 hours
in the CQWW CW contest.
Toward the end of the second day I noticed
the output power was down to about 600 watts
on 20,15, and 10 meters. Other bands seemed okay.
I had to turn the drive all the way up to 100 watts to
get about 1200 out of the 2000A. With that much drive
I was getting the "PLATE" and "DRIVE" lights lighting on
the 2000A!!! All Antennas are fine!!

Any ideas and/or suggestions???

Thanks in advance for any help...

73,
Ted K2QMF

1829. Re: [acom-list] Acom 2000A Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-27 19:41:56 UTC
From: N6KI Dennis Vernacchia
Topic: 1828 Message: 1829

When my lights start coming on like that, something in the
loading gets out of kilter

I do the Manual Band Segment tune Procedure and all is well again

Put anp in "Operate"

Press "Enter" twice

Adjust power to amp so cursor goes within the bracket symbol

Amp will then give you an "OK" type mesage.

Try that and let me know if that works

73, Dennis N6KI

k2qmf@... wrote:
>
> Hello All,
>
> I had my 2000A on and running for 48 hours
> in the CQWW CW contest.
> Toward the end of the second day I noticed
> the output power was down to about 600 watts
> on 20,15, and 10 meters. Other bands seemed okay.
> I had to turn the drive all the way up to 100 watts to
> get about 1200 out of the 2000A. With that much drive
> I was getting the "PLATE" and "DRIVE" lights lighting on
> the 2000A!!! All Antennas are fine!!
>
> Any ideas and/or suggestions???
>
> Thanks in advance for any help...
>
> 73,
> Ted K2QMF
>
>

1830. Re: Acom 2000A ARC FAULT

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-28 23:53:19 UTC
From: ny9h
Topic: 1828 Message: 1830

the FAULT was mine..

after changing out a 14 year old rg213 , that happened to be buried...
(sounds like a "pediocide"....buried no less.,,,,,)

and re-terminating my 80 meter inverted L... fault no more....

using the dummy load along the line was a great tool , show it a good load
....which eliminated my matrix antenna switch (phew)...

tnx to all

bill ny9h

1831. RE: [acom-list] Re: Acom 2000A ARC FAULT

Yahoo group: acom-list (1999 — 2009)
Date: 2006-11-29 02:18:10 UTC
From: Robert Naumann
Topic: 1828 Message: 1831

Congrats Bill!

-----Original Message-----
From: ny9h [mailto:ny9h@...]
Sent: Tuesday, November 28, 2006 5:53 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 2000A ARC FAULT

the FAULT was mine..

after changing out a 14 year old rg213 , that happened to be buried...
(sounds like a "pediocide"....buried no less.,,,,,)

and re-terminating my 80 meter inverted L... fault no more....

using the dummy load along the line was a great tool , show it a good load
....which eliminated my matrix antenna switch (phew)...

tnx to all

bill ny9h

Yahoo! Groups Links

1832. CW Requirement Eliminated by FCC

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-16 01:23:50 UTC
From: W7BIA
Topic: 1832 Message: 1832

FOR IMMEDIATE RELEASE: NEWS MEDIA
CONTACT:
December 15, 2006
Chelsea Fallon: (202) 418-7991

FCC MODIFIES AMATEUR RADIO SERVICE RULES,
ELIMINATING MORSE CODE EXAM REQUIREMENTS AND
ADDRESSING ARRL PETITION FOR RECONSIDERATION

Washington, D.C. ☐ Today, the Federal Communications Commission (FCC) adopted a Report and Order and Order on Reconsideration (Order) that modifies the rules for the Amateur Radio Service by revising the examination requirements for obtaining a General Class or Amateur Extra Class amateur radio operator license and revising the operating privileges for Technician Class licensees. In addition, the Order resolves a petition filed by the American Radio Relay League, Inc. (ARRL) for partial reconsideration of an FCC Order on amateur service rules released on October 10, 2006.

The current amateur service operator license structure contains three classes of amateur radio operator licenses: Technician Class, General Class, and Amateur Extra Class. General Class and Amateur Extra Class licensees are permitted to operate in Amateur bands below 30 MHz, while the introductory Technician Class licensees are only permitted to operate in bands above 30 MHz. Prior to today's action, the FCC, in accordance with international radio regulations, required applicants for General Class and Amateur Extra Class operator licenses to pass a five words-per-minute Morse code examination. Today's Order eliminates that requirement for General and Amateur Extra licensees. This change reflects revisions to international radio regulations made at the International Telecommunication Union's 2003 World Radio Conference (WRC-03), which authorized each country to determine whether to require that individuals demonstrate Morse code proficiency in order to qualify for an amateur radio license with transmitting privileges on frequencies below 30 MHz. This change eliminates an unnecessary regulatory burden that may discourage current amateur radio operators from advancing their skills and participating more fully in the benefits of amateur radio.

Today's Order also revises the operating privileges for Technician Class licensees by eliminating a disparity in the operating privileges for the Technician Class and Technician Plus Class licensees. Technician Class licensees are authorized operating privileges on all amateur frequencies above 30 MHz. The Technician Plus Class license, which is an operator license class that existed prior the FCC's simplification of the amateur license structure in

1999 and was grandfathered after that time, authorized operating privileges on all amateur frequencies above 30 MHz, as well as frequency segments in four HF bands (below 30 MHz) after the successful completion of a Morse code examination. With today's elimination of the Morse code exam requirements, the FCC concluded that the disparity between the operating privileges of Technician Class licensees and Technician Plus Class licensees should not be retained. Therefore, the FCC, in today's action, afforded Technician and Technician Plus licensees identical operating privileges.

Finally, today's Order resolved a petition filed by the ARRL for partial reconsideration of an FCC Order released on October 10, 2006 (FCC 06-149). In this Order, the FCC authorized amateur stations to transmit voice communications on additional frequencies in certain amateur service bands, including the 75 meter (m) band, which is authorized only for certain wideband voice and image communications. The ARRL argued that the 75 m band should not have been expanded below 3635 kHz, in order to protect automatically controlled digital stations operating in the 3620-3635 kHz portion of the 80 m band. The FCC concluded that these stations can be protected by providing alternate spectrum in the 3585-3600 kHz frequency segment.

Action by the Commission on December 15, 2006, by Report and Order and Order on Reconsideration. Chairman Martin and Commissioners Copps, Adelstein, Tate, and McDowell.

For additional information, contact William Cross at (202) 418-0691 or William.Cross@....

WT Docket Nos. 04-140 and 05-235.

☐ FCC ☐

News and other information about the Federal Communications Commission is available at www.fcc.gov.

1833. lo-airflow fault anyone else experience this?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-21 03:57:12 UTC
From: kamarty456
Topic: 1833 Message: 1833

I have an Acom 2000A. back in November I started to experience intermittent lo-airflow faults. I contacted Will at Acom and I ended up sending a written letter via the postal service as he never seemed to receive my E-mails.

He spoke with me on the telephone today December 20th and basically he wants me to ship the amp back to him. Well not this time of season will I ship an amp from Phoenix to Mass.!!!!!

I have the schematics and will pop the cover in the next few days. I truly do not think it is an electronic problem. If it were a component failure the amp would always fault. I can get the amp to run and cool properly sometimes on the first turn on and sometimes after 6 attempts.

Oh, I have this amp since Sept 2000 and have a bit over 2500 run hours.

So my question to the group is...has anyone else experienced this fault? and what was the fix.

I will close by saying the inside of the amp is spotless. I also clean the filter every 8+ weeks as it's dusty in Arizona.
I blew out the amp and did clear out one large dust bunny by the squirrel cage. Otherwise I'm open for any suggestions.

Thanks
Marty ka7gkn

1834. Re: [acom-list] lo-airflow fault anyone else experience this?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-21 05:49:25 UTC
From: N6KI Dennis Vernacchia
Topic: 1833 Message: 1834

Hi Marty,

I am sorry that I don't have the answer to your query but I think
you are on the right track on your thoughts for troubleshooting.

I have a 2002 model with lots of contesting hours on it
and wxcept for an occaisional arc fault due to some tempermental
antennas I have never seen the one you mention.

Yes, you are wise NOT to ship anything til the Xmas smoke clears !

BTW, can you tell me what phone number you finally
were able to contact Will at ACOM on ??

73, Dennis N6KI
Sandy Eggo

kamarty456 wrote:
>
> I have an Acom 2000A. back in November I started to experience
> intermittent lo-airflow faults. I contacted Will at Acom and I ended
> up sending a written letter via the postal service as he never seemed
> to receive my E-mails.
>
> He spoke with me on the telephone today December 20th and basically
> he wants me to ship the amp back to him. Well not this time of season
> will I ship an amp from Phoenix to Mass.!!!!!
>
> I have the schematics and will pop the cover in the next few days. I
> truly do not think it is an electronic problem. If it were a
> component failure the amp would always fault. I can get the amp to
> run and cool properly sometimes on the first turn on and sometimes
> after 6 attempts.
>
> Oh, I have this amp since Sept 2000 and have a bit over 2500 run
> hours.
>
> So my question to the group is...has anyone else experienced this
> fault? and what was the fix.
>
> I will close by saying the inside of the amp is spotless. I also
> clean the filter every 8+ weeks as it's dusty in Arizona.
> I blew out the amp and did clear out one large dust bunny by the
> squirrel cage. Otherwise I'm open for any suggestions.
>
> Thanks

> Marty ka7gkn
>
>

1835. RE: [acom-list] lo-airflow fault anyone else experience this?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-22 11:57:49 UTC
From: Robert Naumann
Topic: 1833 Message: 1835

Marty,

I think that the majority of problems that many of us have experienced are failures in connectors, or some sort of metal to metal connection oxidation in the amplifier. These are all long term mechanical component failures.

Look at connectors and connections. One problem that I found was inside the remote control head. There are some connectors and I think a chip in a socket in there. Carefully remove and re-seat them. This solved a problem I was having a while back.

Then, if you don't find the problem, and when you think it is safe, ship it to Will and he'll fix it immediately and return it to you promptly. I would suggest sending it using Fedex or UPS overnight no matter when you do it. If you shipped it Thursday, they'd have it today - Friday by 10AM - even during the busy season. Yes, it costs a little more, but think about how much the amp would cost to replace. The value of the dollar is down against the Euro, so it would be even more expensive now than what it was previously.

Remember to remove the transformer and not send it when you ship the amplifier and remote control head.

73,
Bob W5OV
Acom 2000A
Acom 1000

-----Original Message-----
From: kamarty456 [mailto:martins160@...]
Sent: Wednesday, December 20, 2006 9:57 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] lo-airflow fault anyone else experience this?

I have an Acom 2000A. back in November I started to experience intermittent lo-airflow faults. I contacted Will at Acom and I ended up sending a written letter via the postal service as he never seemed to receive my E-mails.

He spoke with me on the telephone today December 20th and basically he wants me to ship the amp back to him. Well not this time of season will I ship an amp from Phoenix to Mass.!!!!!

I have the schematics and will pop the cover in the next few days. I truly do not think it is an electronic problem. If it were a component failure the amp would always fault. I can get the amp to run and cool properly sometimes on the first turn on and sometimes after 6 attempts.

Oh, I have this amp since Sept 2000 and have a bit over 2500 run hours.

So my question to the group is...has anyone else experienced this fault? and what was the fix.

I will close by saying the inside of the amp is spotless. I also clean the filter every 8+ weeks as it's dusty in Arizona.
I blew out the amp and did clear out one large dust bunny by the squirrel cage. Otherwise I'm open for any suggestions.

Thanks
Marty ka7gkn

Yahoo! Groups Links

1836. Re: lo-airflow fault anyone else experience this?

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-22 20:32:18 UTC
From: stevehurstg8lik2003
Topic: 1833 Message: 1836

Had this on my Acom 1000A and don't know if that could be related to your issue with the 2000? Please see message 1278, basically faulty tacho unit on the main blower which tells the amp that the blower is rotating.
Amp sent away in 2004 as it was brand new and replacement arrived soon after once fault was verified as being genuine..
Best of luck, Merry Xmas to all!
73's Steve G8LIK

1837. Re: lo-airflow fault anyone else experience this?status update....

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-24 20:35:32 UTC
From: kamarty456
Topic: 1833 Message: 1837

I did receive a detailed e-mail from Stanimir, an Acom engineer.

He provided some insight and a number of photos. Of course with it being this time of season I'm unable to dive into this anomaly as I'd like to.

I did pop the cover and verified the inside is clean. I fired up the amp and it again took about 6 attempts to get the amp to run and not fault low airflow. Once running, I ran from 300-1.5kw for over an hour on SSB and not a single hiccup.

This makes me consider the following:

1. the motor and squirrel cage are just fine. By the way, I do not have the 120vac style blower motor. I believe the rpm of the motor and squirrel cage are also just fine.

2. I suspect with 2500+ run hours and being a 6 year old amplifier the tolerances of the components may have drifted. Thus the low airflow set point may be at a critical setting. Stan did explain there is an adjustment. For now though it will have to Wait as access to the bottom of the amp is difficult. I will need some uninterrupted time and attention to get to the adjustment etc. Then, just a tweaking of 1-2degrees will settle down the alarm.

For the Ham asking what phone number to Acom I used? It's:
1-866-533-2266

I'll report back as progress is made

Marty, KA7GKN

1838. Acom 1000 mains board blown fuse

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-30 13:19:32 UTC
From: Jorge A Mejia
Topic: 1838 Message: 1838

While on stand by I had F2 blown on the mains circuit board (250V 2 Amps) I received some basic instructions from Stan at Acom but it all looks fine. I replaced the fuse and same thing it blows right away.

Has any one experienced this situation ? Acom service is a long way from here so I must troubleshoot this myself.

I'd very much appreciate any suggestions

Jorge HK4CZE

1839. PC control of the amp

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-31 00:44:13 UTC
From: Barry
Topic: 1839 Message: 1839

Tod, K0TO, is interested in creating a program for PC control of the amp. Acom-Tools is buggy and leaves a lot to be desired, and Acom seems to have no interest in providing any updated software.

If anybody on the list has experience with assembly language programming and/or PIC programming experience, please contact Tod at tod@....
He prefers not to join the list due to some previous problems with spam he believes came from yahoo.

Tnx,
Barry W2UP

--

Barry Kutner, W2UP
Newtown, PA

1840. RE: [acom-list] PC control of the amp

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-31 02:17:47 UTC
From: Robert Naumann
Topic: 1839 Message: 1840

You should re-assure him that he did not get spam via Yahoo.

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Saturday, December 30, 2006 6:44 PM
To: acom-list@yahoogroups.com
Cc: tod@...
Subject: [acom-list] PC control of the amp

Tod, K0TO, is interested in creating a program for PC control of the
amp. Acom-Tools is buggy and leaves a lot to be desired, and Acom seems
to have no interest in providing any updated software.

If anybody on the list has experience with assembly language programming
and/or PIC programming experience, please contact Tod at tod@....
He prefers not to join the list due to some previous problems with spam
he believes came from yahoo.

Tnx,
Barry W2UP

--

Barry Kutner, W2UP
Newtown, PA

Yahoo! Groups Links

1841. Re: [acom-list] PC control of the amp

Yahoo group: acom-list (1999 — 2009)
Date: 2006-12-31 02:49:21 UTC
From: Barry
Topic: 1839 Message: 1841

That's what I told him. I even suggested he set up a gmail or other
throwaway acct.

Robert Naumann wrote:
>
> You should re-assure him that he did not get spam via Yahoo.
>
> -----Original Message-----
> From: Barry [mailto:w2up@... <mailto:w2up%40mindspring.com>]
> Sent: Saturday, December 30, 2006 6:44 PM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Cc: tod@... <mailto:tod%40k0to.us>
> Subject: [acom-list] PC control of the amp
>
> Tod, K0TO, is interested in creating a program for PC control of the
> amp. Acom-Tools is buggy and leaves a lot to be desired, and Acom seems
> to have no interest in providing any updated software.
>
> If anybody on the list has experience with assembly language programming
> and/or PIC programming experience, please contact Tod at tod@...
> <mailto:tod%40k0to.us>.
> He prefers not to join the list due to some previous problems with spam
> he believes came from yahoo.
>
> Tnx,
> Barry W2UP
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>
> Yahoo! Groups Links
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1842. 2000A Tube Replacement Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-01 15:39:26 UTC
From: N1EU
Topic: 1842 Message: 1842

If anybody has a copy of the 2000A Tech Supplement with Tube Replacement instructions, could you please email me a copy or post it to the Files section at http://groups.yahoo.com/group/acom-list ?

Thanks & Happy New Year,
Barry N1EU

1843. Re: 2000A Tube Replacement Tech Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-01 19:36:15 UTC
From: N1EU
Topic: 1842 Message: 1843

Thanks to all those who emailed!!!

I'll upload the instructions to the file section as well.

73 & Happy New Year,
Barry N1EU

--- In acom-list@yahoogroups.com, "N1EU" <n1eu@...> wrote:
>
> If anybody has a copy of the 2000A Tech Supplement with Tube
> Replacement instructions, could you please email me a copy or post it
> to the Files section at http://groups.yahoo.com/group/acom-list ?
>
> Thanks & Happy New Year,
> Barry N1EU
>

1844. Re: lo-airflow fault status update....

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-05 01:46:34 UTC
From: kamarty456
Topic: 1833 Message: 1844

I want to report my Acom 2000A is doing just fine!

I opened the amp up and followed the instructions from Stan.
I also opened up the bottom panel under the tubes. I found a grimy
dust on the air flow circuit board and the resistor.

I carefully blew off the dirt, and used a soft brush to remove what
dust was "stuck" on the panel.

I fired up the amp and it required 3 tries in adjusting "RP1" on the
air flow circuit board.
I was not given any measurement points or values. I was simply told
to rotate the pot one or two degrees.
I carefully made the adjustments and on the third "tweaking" success!

The amp is back together, the amp starts up just fine, and on the
first try. The running temperatures are within parameters etc. etc.

I have about 10+ hours of run time since making the adjustment.

I conclude that the RP1 setting was within a critical point and due
to changes in the amp from age, 6 years, and run time +2500 hours,
some tolerances may have changed enough to cause the problem.
Adjusting the pot returned the amp back into the operating window.

A huge sigh of relief here as I really did not want to ship the amp
from Arizona to Massachusetts, at least not this time of year!

Thanks ACOM for your support.

Marty, KA7GKN

1845. Re: [acom-list] Re: lo-airflow fault status update....

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-05 03:15:56 UTC
From: Bill NY9H
Topic: 1833 Message: 1845

>
>I fired up the amp and it required 3 tries in adjusting "RP1" on the
>air flow circuit board.
>I was not given any measurement points or values. I was simply told
>to rotate the pot one or two degrees.
>I carefully made the adjustments and on the third "tweaking" success!

does this mean turn the pot CW , close up the amp , pwr up the amp
turn off , wait , open up turn pot etc .....????

bill

1846. Re: lo-airflow fault status update....

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-05 15:50:32 UTC
From: kamarty456
Topic: 1833 Message: 1846

NO! I had the covers on, there is a portal screw on the bottom plate
to allow access to RP1

Marty KA7GKN

--- In acom-list@yahoogroups.com, Bill NY9H <ny9h@...> wrote:
>
>
> >
> >I fired up the amp and it required 3 tries in adjusting "RP1" on the
> >air flow circuit board.
> >I was not given any measurement points or values. I was simply told
> >to rotate the pot one or two degrees.
> >I carefully made the adjustments and on the third "tweaking" success!
>
> does this mean turn the pot CW , close up the amp , pwr up the amp
> turn off , wait , open up turn pot etc .....????
>
> bill
>

[Non-text portions of this message have been removed]

1847. A2000 quits when starting up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-05 20:28:47 UTC
From: lx1no
Topic: 1847 Message: 1847

Hello,

Maybe someone has a clue what to look for.

Fuses F5 or F6 on the MAINS CONTROLER board blow as soon as the RCU starts powering up the amp. All lights on the RCU light up, and as soon as the count-down should start, everything shuts down.

Any idea?

73 Norby

1848. Re: [acom-list] PC control of THE amp

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-18 14:55:14 UTC
From: Bill NY9H
Topic: 1839 Message: 1848

I thought I'd send this again, to keep it fresh.

There should be software as elegant as the product.

As a "competitive" issue, if the control software IS important...
then the new Alpha will certainly take away sales from the
ACOM. Maybe ACOM will do it ?????

bill ny9h

At 06:44 PM 12/30/2006, you wrote:
>Tod, K0TO, is interested in creating a program for PC control of the
>amp. Acom-Tools is buggy and leaves a lot to be desired, and Acom seems
>to have no interest in providing any updated software.
>
>If anybody on the list has experience with assembly language programming
>and/or PIC programming experience, please contact Tod at tod@....
>He prefers not to join the list due to some previous problems with spam
>he believes came from yahoo.
>
>Tnx,
>Barry W2UP
>
>--

1849. Acom tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-18 16:41:34 UTC
From: Eric Scace K3NA
Topic: 1849 Message: 1849

I wonder if others are experiencing the same issues listed below...
or if I have a configuration issue.

My most persistent problems with Acom Tools is keeping the amp happy
when the serial cable is attached to the computer serial port. The
problems include:
-- Achieving initial synchronization between Acom Tools and the amp.
The only way I can reliably do this is to start with the serial cable
disconnected... power up the amp to the standby state... start Acom
Tools (pre-configured for the correct serial port)... and then attach
the cable. At this point the Tools will establish communications with
the amp and can reliably switch the amp between Standby and Operate.
-- After a fault, the fault indicator in Acom Tools stays
illuminated. The fault can be cleared by returning the amp to Operate
from Acom Tools... but the indicator in the software remains on.
-- If one logs off and powers down the computer, or restarts the
operating system, all bets are off. When one gets logged back on and
restarts Acom Tools, the chances seem excellent that Tools will not be
able to communicate with the amp. Worse, the amp's physical control
panel's communications with the amp are also confused. One has to power
cycle the amp, and go through the whole remove-the-serial-cable/start
up/reattach-the-cable process again.

I haven't even attempted to control two amps on the same computer,
nor implement an interface to power-cycle the amp.

This makes Acom Tools pretty marginal for remote control. Right now
we're forced to leave the amp on standby if we want to run the station
remotely, which consumes a lot of power (but keeps the shack warmer in
winter). A site visit is required if electric service gets interrupted
or any of the above glitches occur. Fortunately, we've never seen a
problem where the amp gets locked up in transmit mode.

The computer is running WinXP Pro SP2, and the amp is an Acom 2000A.

73,
-- Eric K3NA

1850. Re: [acom-list] Acom tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-19 19:36:20 UTC
From: Barry
Topic: 1849 Message: 1850

Eric,
I've been on Acom's case about Acom Tools for years. I spoke with the
author of Acom Tolls a few years ago about some of the problems.
Unfotunately, they had some "miscommunications" and no longer work
together.

For me, it works fine with Win98, but is very flaky with WinXP. When I
run Writelog and Acom Tools in a contest, the amp switches frequencies
correctly, getting the frequency data from the radio before xmitting,
but the real-time power bar graphics just randomly bounce around on the
screen.

For a high-end amp like the Acom, I expect better support, whether
hardware or software, but unfortunately expectations exceed reality.
73,
Barry W2UP

Eric Scace K3NA wrote:
>
> I wonder if others are experiencing the same issues listed below...
> or if I have a configuration issue.
>
> My most persistent problems with Acom Tools is keeping the amp happy
> when the serial cable is attached to the computer serial port. The
> problems include:
> -- Achieving initial synchronization between Acom Tools and the amp.
> The only way I can reliably do this is to start with the serial cable
> disconnected... power up the amp to the standby state... start Acom
> Tools (pre-configured for the correct serial port)... and then attach
> the cable. At this point the Tools will establish communications with
> the amp and can reliably switch the amp between Standby and Operate.
> -- After a fault, the fault indicator in Acom Tools stays
> illuminated. The fault can be cleared by returning the amp to Operate
> from Acom Tools... but the indicator in the software remains on.
> -- If one logs off and powers down the computer, or restarts the
> operating system, all bets are off. When one gets logged back on and
> restarts Acom Tools, the chances seem excellent that Tools will not be
> able to communicate with the amp. Worse, the amp's physical control
> panel's communications with the amp are also confused. One has to power
> cycle the amp, and go through the whole remove-the-serial-cable/start
> up/reattach-the-cable process again.
>
> I haven't even attempted to control two amps on the same computer,
> nor implement an interface to power-cycle the amp.
>
> This makes Acom Tools pretty marginal for remote control. Right now

> we're forced to leave the amp on standby if we want to run the station
> remotely, which consumes a lot of power (but keeps the shack warmer in
> winter). A site visit is required if electric service gets interrupted
> or any of the above glitches occur. Fortunately, we've never seen a
> problem where the amp gets locked up in transmit mode.
>
> The computer is running WinXP Pro SP2, and the amp is an Acom 2000A.
>
> 73,
> -- Eric K3NA
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1851. Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-19 20:13:02 UTC
From: Natale Borghetti
Topic: 1058 Message: 1851

very old problem...Acom Tools works partially on WXP....why we could not find...the way to have a professional to make a proper program....seems Acom Producer and dealers are not interested on investing..but pheraps..we (Acom users)..could put collect some money to have a proper program working...??? I am interested on it even if I have to pay a licence like Bill Gates is collecting from all of us.

73 and DX

i5nph

1852. Re: [acom-list] Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-20 05:08:39 UTC
From: Sergei Kulyov
Topic: 1852 Message: 1852

Good point Natale!

As a happy ACOM-200A user (2+ years) I would prefer to pay for proffessional software application in order to use all potential features of this Amp.

73, Sergei UA3AP

Moscow

-----Original Message-----
From: "Natale Borghetti" <i5nph@...>
To: acom-list@yahoogroups.com
Date: Fri, 19 Jan 2007 20:13:02 -0000
Subject: [acom-list] Acom Tools

> very old problem...Acom Tools works partially on WXP....why we could
> not find...the way to have a professional to make a proper
> program....seems Acom Producer and dealers are not interested on
> investing..but pheraps..we (Acom users)..could put collect some money
> to have a proper program working...??? I am interested on it even if I
> have to pay a licence like Bill Gates is collecting from all of us.
>
> 73 and DX
>
> i5nph
>
>
>
>
>

1853. Re: [acom-list] Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-21 10:37:36 UTC
From: VK THREE AJJ PAUL
Topic: 1058 Message: 1853

Hello Guys
It would be cheaper for you all to simply purchase an Alpha 87A. The 87A software works great on Windows XP and is easy to integrate into control software.

I sold my Acom about 18 months ago - nice amp - but the control software was virtually useless

Cheers
Paul (vk3ajj)

----- Original Message ----
From: Sergei Kulyov <ua3ap@...>
To: acom-list@yahoogroups.com
Sent: Saturday, 20 January, 2007 4:08:39 PM
Subject: Re: [acom-list] Acom Tools

Good point Natale!

As a happy ACOM-200A user (2+ years) I would prefer to pay for proffessional software application in order to use all potential features of this Amp.

73, Sergei UA3AP

Moscow

-----Original Message-----
From: "Natale Borghetti" <i5nph@...>
To: acom-list@yahoogroups.com
Date: Fri, 19 Jan 2007 20:13:02 -0000
Subject: [acom-list] Acom Tools

> very old problem...Acom Tools works partially on WXP....why we could
> not find...the way to have a professional to make a proper
> program....seems Acom Producer and dealers are not interested on
> investing..but pheraps..we (Acom users)..could put collect some money
> to have a proper program working...??? I am interested on it even if I
> have to pay a licence like Bill Gates is collecting from all of us.
>
> 73 and DX
>
> i5nph
>
>
>
>
>

Yahoo! Groups Links

To help you stay safe and secure online, we've developed the all new Yahoo! Security Centre. http://uk.security.yahoo.com

1854. Re: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-21 21:11:59 UTC
From: Hans , PA3HGT
Topic: 1058 Message: 1854

Nice amp the 87a but the tubes are much expensive then the 4cx800 for
the Acom 1000/2000 , i think thats more important then the software,HI.

Hans,PA3HGT.

--- In acom-list@yahoogroups.com, VK THREE AJJ PAUL <vk3ajj@...> wrote:
>
> Hello Guys
> It would be cheaper for you all to simply purchase an Alpha 87A. The
87A software works great on Windows XP and is easy to integrate into
control software.
>
> I sold my Acom about 18 months ago - nice amp - but the control
software was virtually useless
>
> Cheers
> Paul (vk3ajj)
>
>
> ----- Original Message ----
> From: Sergei Kulyov <ua3ap@...>
> To: acom-list@yahoogroups.com
> Sent: Saturday, 20 January, 2007 4:08:39 PM
> Subject: Re: [acom-list] Acom Tools
>
>
> Good point Natale!
>
> As a happy ACOM-200A user (2+ years) I would prefer to pay for
proffessional software application in order to use all potential
features of this Amp.
>
> 73, Sergei UA3AP
>
> Moscow
>
>
> -----Original Message-----
> From: "Natale Borghetti" <i5nph@...>
> To: acom-list@yahoogroups.com
> Date: Fri, 19 Jan 2007 20:13:02 -0000
> Subject: [acom-list] Acom Tools
>
> > very old problem...Acom Tools works partially on WXP....why we could
> > not find...the way to have a professional to make a proper

> > program....seems Acom Producer and dealers are not interested on
> > investing..but pheraps..we (Acom users)..could put collect some money
> > to have a proper program working...??? I am interested on it even
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> > have to pay a licence like Bill Gates is collecting from all of us.
> >
> > 73 and DX
> >
> > i5nph
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> Yahoo! Groups Links
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> --
> To help you stay safe and secure online, we've developed the all new
Yahoo! Security Centre. http://uk.security.yahoo.com
>

1855. Re: [acom-list] Re: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-21 22:59:02 UTC
From: Wösten
Topic: 1058 Message: 1855

At 22:11 21-1-2007, you wrote:

>Nice amp the 87a but the tubes are much expensive then the 4cx800 for
>the Acom 1000/2000 , i think thats more important then the software,HI.
>
>Hans,PA3HGT.

That, and the fact that ACOM is forgiving in bad SWR situations,
less expensive
and has a very clear user interface, no funny LED codes but plain text.

The new Alpha 9500 is interesting no doubt, but is it really competitive????

Until now nobody knows....

Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.432 / Virus Database: 268.17.0/639 - Release Date: 18-1-2007 18:47

1856. Re: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-21 23:57:46 UTC
From: Hans , PA3HGT
Topic: 1058 Message: 1856

I owned a Acom 1000 who was working without problems with a swr worser
then 1.3 (25 % refl.),i think if a pindiode-amp like a 87a likes
that......
Do you have also a Acom 1000 or a 2000, Eric ?
We did business a few years ago with a very nice Yaesu 2100Z that you
sold to me.
Now i use a Acom 2000a with a lot of pleasure.

Hans,PA3HGT

--- In acom-list@yahoogroups.com, Wösten <ejwosten@...> wrote:
>
> At 22:11 21-1-2007, you wrote:
>
> >Nice amp the 87a but the tubes are much expensive then the 4cx800 for
> >the Acom 1000/2000 , i think thats more important then the software,HI.
> >
> >Hans,PA3HGT.
>
>
> That, and the fact that ACOM is forgiving in bad SWR situations,
> less expensive
> and has a very clear user interface, no funny LED codes but plain text.
>
> The new Alpha 9500 is interesting no doubt, but is it really
competitive????
>
> Until now nobody knows....
>
>
>
> Eric PA3CEV
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.432 / Virus Database: 268.17.0/639 - Release Date:
18-1-2007 18:47
>

1857. Re: [acom-list] Re: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-23 05:01:55 UTC
From: VK THREE AJJ PAUL
Topic: 1058 Message: 1857

Hello Hans - all agreed re the Acom advantages (that is why I purchased the Acom 2000 to start with)

The software is really only important for those of us who are using remote station installations - and for this application the Acom 2000 is very poor (because of the control software deficiencies)

87A tubes are expensive - but on the other hand I did blow 2 tubes in my Acom (could have been unlucky) - whereas the 87A (a used unit) has perfomed flawlessly. Could suggest 87A tubes are more reliable and long lasting thus justifying their higher price.

That said - I would still be happily using the Acom 2000 if not for its software deficiencies

Cheers
Paul (vk3ajj)

----- Original Message ----
From: "Hans , PA3HGT" <pa3hgt@...>
To: acom-list@yahoogroups.com
Sent: Monday, 22 January, 2007 10:57:46 AM
Subject: [acom-list] Re: Acom Tools

I owned a Acom 1000 who was working without problems with a swr worser
then 1.3 (25 % refl.),i think if a pindiode-amp like a 87a likes
that......
Do you have also a Acom 1000 or a 2000, Eric ?
We did business a few years ago with a very nice Yaesu 2100Z that you
sold to me.
Now i use a Acom 2000a with a lot of pleasure.

Hans,PA3HGT

--- In acom-list@yahoogrou ps.com, Wösten <ejwosten@.. .> wrote:
>
> At 22:11 21-1-2007, you wrote:
>
> >Nice amp the 87a but the tubes are much expensive then the 4cx800 for
> >the Acom 1000/2000 , i think thats more important then the software,HI.
> >
> >Hans,PA3HGT.
>
>
> That, and the fact that ACOM is forgiving in bad SWR situations,
> less expensive
> and has a very clear user interface, no funny LED codes but plain text.
>

> The new Alpha 9500 is interesting no doubt, but is it really
competitive? ???
>
> Until now nobody knows....
>
>
>
> Eric PA3CEV
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.432 / Virus Database: 268.17.0/639 - Release Date:
18-1-2007 18:47
>

_____
Yahoo! Messenger - with free PC-PC calling and photo sharing.
http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

1858. Re: [acom-list] Re: Acom Tools

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-23 08:14:07 UTC
From: Wösten
Topic: 1058 Message: 1858

At 00:57 22-1-2007, you wrote:

>I owned a Acom 1000 who was working without problems with a swr worser
>then 1.3 (25 % refl.),i think if a pindiode-amp like a 87a likes
>that......
>Do you have also a Acom 1000 or a 2000, Eric ?
>We did business a few years ago with a very nice Yaesu 2100Z that you
>sold to me.
>Now i use a Acom 2000a with a lot of pleasure.

I own a ACOM 2000 since abt 3 years, flawless performance...

If only someone with programming skills would revamp the software....

Having said that, I don't really need remote control....

Eric

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.432 / Virus Database: 268.17.6/646 - Release Date: 23-1-2007 3:36

1859. additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 01:17:28 UTC
From: kamarty456
Topic: 1859 Message: 1859

When you consider buying the Acom 2000A you are aware that there is an optional muffin fan available.

When I bought my 2000A back in 2001 I was told for SSB I do not need it.

I just wonder how many Acom 2000A users have installed the optional cooling fan and what types of temperatures do they experience?
Then, how about noise? how much more noise does the muffin fan add to the total noise the 2000A generates.

I estimate without the additional fan I see a noise level around 54DbSPL "C" weighting. I used a Radio shack 33-250 SPL meter.

Marty KA7GKN

1860. Re: [acom-list] additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 02:08:36 UTC
From: Pat Twentythree
Topic: 1859 Message: 1860

Hi Marty,

I have have the optional cooling fans on my 2000A. When I ordered the amplifier I also ordered the cooling fan, when the amplifier came in there was no fan. It took about two weeks for the fan to catch up and a few phone calls to ACOM. When I installed the fan I noticed that the amplifier ran at least 30 degrees C cooler. I still have the filter on the fan input and I am not seeing any additional dust inside of the amplifier. I didn't find the fan making that much more noise, I still find my self checking the tube exhaust ports to make sure that there is air coming out.

I feel that the optional fan is a good thing and any time I can keep the components cooler is good as far as I am concerned. Again you have to stay on top of your filter maintenance because you are pulling more air into the cabinet. You are already on top of your maintenance so the addition of the fan should not be a problem.

73,
Pat

kamarty456 <martins160@...> wrote:
When you consider buying the Acom 2000A you are aware that there is an
optional muffin fan available.

When I bought my 2000A back in 2001 I was told for SSB I do not need it.

I just wonder how many Acom 2000A users have installed the optional
cooling fan and what types of temperatures do they experience?
Then, how about noise? how much more noise does the muffin fan add to
the total noise the 2000A generates.

I estimate without the additional fan I see a noise level around
54DbSPL "C" weighting. I used a Radio shack 33-250 SPL meter.

Marty KA7GKN

Have a burning question? Go to Yahoo! Answers and get answers from real people who know.

[Non-text portions of this message have been removed]

1861. Re: [acom-list] additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 02:20:04 UTC
From: Mel Whitten
Topic: 1859 Message: 1861

Marty,

Fan is controlled...very quiet. I put a good filter on it which has avoided making my Acom vaccum cleaner too. I don't think you need it unless you run hi-power RTTY or some digital mode like OFDM which has a very high crest factor. I have a precision sound level meter 2235 bruel & kjaer and will measure sound level with it running if you really want to know.

Mel, K0PFX

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, January 27, 2007 7:17 PM
Subject: [acom-list] additional cooling fan????

When you consider buying the Acom 2000A you are aware that there is an optional muffin fan available.

When I bought my 2000A back in 2001 I was told for SSB I do not need it.

I just wonder how many Acom 2000A users have installed the optional cooling fan and what types of temperatures do they experience? Then, how about noise? how much more noise does the muffin fan add to the total noise the 2000A generates.

I estimate without the additional fan I see a noise level around 54DbSPL "C" weighting. I used a Radio shack 33-250 SPL meter.

Marty KA7GKN

[Non-text portions of this message have been removed]

1862. Re: additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 13:20:37 UTC
From: k1iig
Topic: 1859 Message: 1862

Marty,

I have a 1999 Acom2000A with the optional fan and it seems rather quiet to me. If I recall there are a couple of shipping bolts that have to be removed that allow the fan to run quieter. I ran mine with the bolts in for years and when removed it made it a little quieter. ACOM PEOPLE IN MASS ARE GREAT..HELPED ME OUT FOR FREE

73's
Steve KIIIG

FYI..ANYONE READING THIS INTERESTED IN A NEW,IN THE ORIG BOX ACOM REMOTE SWITCH AND CONTROLLER FOR $600. IT IS BUILT TO MIL SPEC'S AND LOOKS IT. ANSWER HERE OR MY CALL AT ARRL DOT NET

--- In acom-list@yahoogroups.com, Pat Twentythree <w1ka8877@...> wrote:
>
> Hi Marty,
>
> I have have the optional cooling fans on my 2000A. When I ordered the amplifier I also ordered the cooling fan, when the amplifier came in there was no fan. It took about two weeks for the fan to catch up and a few phone calls to ACOM. When I installed the fan I noticed that the amplifier ran at least 30 degrees C cooler. I still have the filter on the fan input and I am not seeing any additional dust inside of the amplifier. I didn't find the fan making that much more noise, I still find my self checking the tube exhaust ports to make sure that there is air coming out.
>
> I feel that the optional fan is a good thing and any time I can keep the components cooler is good as far as I am concerned. Again you have to stay on top of your filter maintenance because you are pulling more air into the cabinet. You are already on top of your maintenance so the addition of the fan should not be a problem.
>
> 73,
> Pat
>
>
>
> kamarty456 <martins160@...> wrote:
> When you consider buying the Acom 2000A you are aware that there is an
> optional muffin fan available.
>

> When I bought my 2000A back in 2001 I was told for SSB I do not
need it.
>
> I just wonder how many Acom 2000A users have installed the
optional
> cooling fan and what types of temperatures do they experience?
> Then, how about noise? how much more noise does the muffin fan add
to
> the total noise the 2000A generates.
>
> I estimate without the additional fan I see a noise level around
> 54DbSPL "C" weighting. I used a Radio shack 33-250 SPL meter.
>
> Marty KA7GKN
>
>
>
>
>
>
> ---------------------------------
> Have a burning question? Go to Yahoo! Answers and get answers from
real people who know.
>
> [Non-text portions of this message have been removed]
>

1863. Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 23:16:18 UTC
From: N6KI Dennis Vernacchia
Topic: 1863 Message: 1863

k2qmf@... wrote:

Hello All,

I had my 2000A on and running for 48 hours
in the CQWW CW contest.
Toward the end of the second day I noticed
the output power was down to about 600 watts
on 20,15, and 10 meters. Other bands seemed okay.
I had to turn the drive all the way up to 100 watts to
get about 1200 out of the 2000A. With that much drive
I was getting the "PLATE" and "DRIVE" lights lighting on
the 2000A!!! All Antennas are fine!!

Any ideas and/or suggestions???

Thanks in advance for any help...

73,
Ted K2QMF

On Mon, 27 Nov 2006 11:41:56 -0800 N6KI Dennis Vernacchia
<n6ki_73@... writes:

When my lights start coming on like that, something in the
loading gets out of kilter

I do the Manual Band Segment tune Procedure and all is well again

Put amp in "Operate"

Press "Enter" twice

Adjust power to amp so cursor goes within the bracket symbol

Amp will then give you an "OK" type message.

Try that and let me know if that works

73, Dennis N6KI

On Tue, 28 Nov 2006 12:11:08 -0500 K2QMF@... writes:

Hi Dennis,

You seem to have hit the nail on the head!!!
When I turned the amp back on after the contest

the power was a bit better. Then I did what you
recommended and everything is now back to normal.
In fact I seem to need a bit less drive than before!!

Many Thanks Dennis...

73,
Ted K2QMF

---

k2qmf@... wrote:

Hello Again Dennis,

The same problem happened to my 2000A again!!
I did a band segment retune and all back to normal for now..

I was wondering if you had any communication with Acom on this issue??
I sure hope we can get to the bottom of the problem.

Thanks in advance for any info.

73,
Ted K2QMF

[Non-text portions of this message have been removed]

1864. [acom-list] additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-28 22:42:14 UTC
From: Eric Scace K3NA
Topic: 1859 Message: 1864

I attempted to buy the cooling fan when I got my Acom 2000A originally. I was assured by Krassy that the fan was unnecessary, even for contest-duty RTTY operation. And, so far, Krassy has been correct. After many hours of RTTY contesting, the amp seems completely unfazed.

-- Eric K3NA

1865. Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 15:52:35 UTC
From: Dick Green WC1M
Topic: 1863 Message: 1865

I've seen this on my 2000A periodically. It seems like there are two possibilities: 1) the acom is forgetting its tuning parameters, or 2) the antenna impedance has changed. As far as I know, the acom doesn't use a battery of any kind for its non-volatile memory. I think the only way it can lose tuning parameters is if it's unplugged for a long time, and even then I'm not sure that it would lose the parameters. It's conceivable that there's a bug which causes the acom to periodically lose tuning parameters, but I think we'd have heard more about that by now. I know that when it happens here it's always been #2. For example, SWR tends to change on some of my wire antennas depending on whether the leaves are out. It can also happen if a connector, switch relay, length of coax or antenna trap is starting to go bad. If I were you, I'd run some in-depth checks on these things. Sometimes the problems don't show up except at high power.

73, Dick WC1M

[Non-text portions of this message have been removed]

1866. FW: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 16:18:00 UTC
From: Jim Idelson
Topic: 1866 Message: 1866

Could heat be the culprit?. . . I doubt it, but the original question was about a tribander, I believe. I can imagine a scenario in which a trapped tribander changes characteristics enough due to heating over time. When the heated parts cool, I would expect performance to return to normal. I suppose something like that could also be happening in the amp itself. It would be interesting to know if a cooling period for the antenna helps (while keeping the amp hot) or if a cooling period for the amp returns performance to normal.

73,

Jim K1IR

-----Original Message-----
From: "Dick Green WC1M" <wc1m@...>
Date: Monday, Jan 29, 2007 10:52 am
Subject: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

I've seen this on my 2000A periodically. It seems like there are two possibilities: 1) the acom is forgetting its tuning parameters, or 2) the antenna impedance has changed. As far as I know, the acom doesn't use a battery of any kind for its non-volatile memory. I think the only way it can lose tuning parameters is if it's unplugged for a long time, and even then I'm not sure that it would lose the parameters. It's conceivable that there's a bug which causes the acom to periodically lose tuning parameters, but I think we'd have heard more about that by now. I know that when it happens here it's always been #2. For example, SWR tends to change on some of my wire antennas depending on whether the leaves are out. It can also happen if a connector, switch relay, length of coax or antenna trap is starting to go bad. If I were you, I'd run some in-depth checks on these things. Sometimes the problems don't show up except at high power.

73, Dick WC1M

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1867. Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 16:36:39 UTC
From: David J. Strout
Topic: 1863 Message: 1867

This latest blurb on losing tuning parameters in the 2000A peaked my interest. I have a problem which I have not been able to solve. No problems on CW or FSK, but in SSB operation, the amp kicks out continually. Have eliminated antennas because 1) it does not occur on CW or FSK, and 2) the same behavior occurs into a dummy load. The exciter appears normal into a scope, and the problem occurs whether using the voice processor or not. Seems that the amp thinks it is being overdriven and kicks out. Don't know how to be more specific. Anyone having a similar problem?

==========

David J. Strout (W2YC)
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@...
website: www.dstrout.com

[Non-text portions of this message have been removed]

1868. RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 17:07:41 UTC
From: Neil King
Topic: 1863 Message: 1868

David,

Is there an error message displayed when the amp trips off?

Neil

VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

This latest blurb on losing tuning parameters in the 2000A peaked my interest. I have a problem which I have not been able to solve. No problems on CW or FSK, but in SSB operation, the amp kicks out continually. Have eliminated antennas because 1) it does not occur on CW or FSK, and 2) the same behavior occurs into a dummy load. The exciter appears normal into a scope, and the problem occurs whether using the voice processor or not. Seems that the amp thinks it is being overdriven and kicks out. Don't know how to be more specific. Anyone having a similar problem?
==========
David J. Strout (W2YC)
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@comcast. <mailto:djsatty%40comcast.net> net
website: www.dstrout.com

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<http://geo.yahoo.com/serv?s=97359714/grpId=1187256/grpspId=1705063108/msgId=1867/stime=1170089896/nc1=1/nc2=2/nc3=3>

[Non-text portions of this message have been removed]

1869. RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 17:29:00 UTC
From: Jim Idelson
Topic: 1863 Message: 1869

Is the radio driving the amp an Icom?

Jim K1IR

-----Original Message-----
From: "Neil King" <neil.king@...>
Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

David,

Is there an error message displayed when the amp trips off?

Neil

VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

This latest blurb on losing tuning parameters in the 2000A peaked my interest. I have a problem which I have not been able to solve. No problems on CW or FSK, but in SSB operation, the amp kicks out continually. Have eliminated antennas because 1) it does not occur on CW or FSK, and 2) the same behavior occurs into a dummy load. The exciter appears normal into a scope, and the problem occurs whether using the voice processor or not. Seems that the amp thinks it is being overdriven and kicks out. Don't know how to be more specific. Anyone having a similar problem?
==========
David J. Strout (W2YC)
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@comcast. <mailto:djsatty%40comcast.net> net
website: www.dstrout.com

1870. Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 17:36:00 UTC
From: David J. Strout
Topic: 1863 Message: 1870

Neil: I get the error message: LOW GAIN

==========
David J. Strout (W2YC)
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@...
website: www.dstrout.com

[Non-text portions of this message have been removed]

1871. RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 19:32:09 UTC
From: Neil King
Topic: 1863 Message: 1871

David,

I've attached a document from Acom that lists many of the factors that will cause the amp to trip off. Hopefully it doesn't get stripped off by Yahoo.

GAIN is a result of calculating (FWD_P / DRIVE). A Low Gain protection fault results when the threshold drops below 10db gain. This doesn't tell you exactly what the root cause is but it does tell you why the amp tripped.

Neil

VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: January 29, 2007 9:36 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Neil: I get the error message: LOW GAIN

==========
David J. Strout (W2YC)
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@comcast. <mailto:djsatty%40comcast.net> net
website: www.dstrout.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1872. Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 19:15:19 UTC
From: David J. Strout
Topic: 1863 Message: 1872

Exciter is a Yaesu FT-1000D

==========

David J. Strout (W2YC)
Attorney at Law
911 Wildwood Avenue
Williamstown, NJ 08094
(856) 262-7900

email: djsatty@...
website: www.dstrout.com

[Non-text portions of this message have been removed]

1873. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 19:40:58 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 1873

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /ACOM 2000A Protection.doc
Uploaded by : va7dx <neil.king@...>
Description : Description Of Amp Protection Faults

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/ACOM%202000A%20Protection.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

va7dx <neil.king@...>

1874. RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 21:44:49 UTC
From: Pat Twentythree
Topic: 1863 Message: 1874

Jim,

I have always driven my ACOM 2000A with ICOM radios and I have never had a problem like that.

What are you trying to say? Please explain your statement.

Pat W1KA

Jim Idelson <k1ir@...> wrote:
Is the radio driving the amp an Icom?

Jim K1IR

-----Original Message-----
From: "Neil King" <neil.king@...>
Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

David,

Is there an error message displayed when the amp trips off?

Neil

VA7DX

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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[Non-text portions of this message have been removed]

1875. RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 21:51:55 UTC
From: bmarton
Topic: 1863 Message: 1875

As Pat states, I too have not had any issues with my 2000A running an IC 781 into it.including the famous output spike which Krassy assures me will not harm the amp. So did not go ahead with the mod to control the spike.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Pat Twentythree
Sent: Monday, January 29, 2007 4:45 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Jim,

I have always driven my ACOM 2000A with ICOM radios and I have never had a problem like that.

What are you trying to say? Please explain your statement.

Pat W1KA

Jim Idelson <k1ir@designet. <mailto:k1ir%40designet.com> com> wrote:
Is the radio driving the amp an Icom?

Jim K1IR

-----Original Message-----
From: "Neil King" <neil.king@telus. <mailto:neil.king%40telus.net> net>
Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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VA7DX

-----Original Message-----
From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
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email: djsatty@comcast. <mailto:djsatty%40comcast.net> net
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[Non-text portions of this message have been removed]

_____ NOD32 2018 (20070129) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1876. re[2]: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 22:10:54 UTC
From: Jim Idelson
Topic: 1863 Message: 1876

Many Icoms exhibit the notorious leading edge power spike when you transmit your first dit or say your first syllable. That spike, due to known ALC issues, can easily trip the Acom overdrive sensor. It happens here all the time. The effect can be different on different modes (ssb, cw, etc). I was thinking that problem might be at work here, but he's running a Yaesu rig that doesn't have this problem.

73,

Jim

> Jim,

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What are you trying to say? Please explain your statement.

Pat W1KA

Jim Idelson <k1ir@...> wrote:
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From: "Neil King" <neil.king@...>
Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1877. re[2]: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-29 22:29:30 UTC
From: Jim Idelson
Topic: 1863 Message: 1877

The spike does no harm, except when the amp trips out and you don't realize you are screaming at the DX with only 50 watts instead of 1500.

Jim

> As Pat states, I too have not had any issues with my 2000A running an IC 781 into it.including the famous output spike which Krassy assures me will not harm the amp. So did not go ahead with the mod to control the spike.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Pat Twentythree
Sent: Monday, January 29, 2007 4:45 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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Jim K1IR

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Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

David,

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VA7DX

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From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On

Behalf Of David J. Strout
Sent: January 29, 2007 8:37 AM
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Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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[Non-text portions of this message have been removed]

_____ NOD32 2018 (20070129) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1878. Re: re[2]: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-30 01:26:05 UTC
From: Pat Twentythree
Topic: 1863 Message: 1878

I had typed a response that was several paragraphs long and decided to delete them. Your statements speak for themselves!

Pat W1KA

Jim Idelson <k1ir@...> wrote:
Many Icoms exhibit the notorious leading edge power spike when you transmit your first dit or say your first syllable. That spike, due to known ALC issues, can easily trip the Acom overdrive sensor. It happens here all the time. The effect can be different on different modes (ssb, cw, etc). I was thinking that problem might be at work here, but he's running a Yaesu rig that doesn't have this problem.

73,

Jim

> Jim,

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Pat W1KA

Jim Idelson <k1ir@...> wrote:
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Jim K1IR

-----Original Message-----
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Date: Monday, Jan 29, 2007 12:07 pm
Subject: RE: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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Neil

VA7DX

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Sent: January 29, 2007 8:37 AM
To: acom-list@yahoogroups.com

Subject: Re: [acom-list] Re:Can anyone explain this ACOM 2000A anomaly

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

Need a quick answer? Get one in minutes from people who know. Ask your question on Yahoo! Answers.

[Non-text portions of this message have been removed]

1879. Re: Can anyone explain this ACOM 2000A anomaly

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-30 15:14:07 UTC
From: yahoo email
Topic: 1863 Message: 1879

Page 24 of my ACOM 2000 book discusses replacement of the backup battery. The backup battery has a life expectancy of 5 years.

Ken K5WK/7

[Non-text portions of this message have been removed]

1880. RE: [acom-list] additional cooling fan????

Yahoo group: acom-list (1999 — 2009)
Date: 2007-01-31 14:31:48 UTC
From: Robert Naumann
Topic: 1859 Message: 1880

When I got mine, Krassy told me the same thing. I went out and bought a fan anyway and installed it myself.

Over 3 trips to Antigua with it, and several years of using it in nearly every DX contest, SS both modes, and many RTTY contests, I have only heard the extra fan come on once. It came on, was fairly noisy, cooled the amp down, and shut off. This was during some very hot weather in TX running CW as I recall.

I actually thought the fan might not work at all since it never came on prior to that time.

My amp was installed at AA5NT's place for many years and I was not always there when it was being used. A couple of the other operators told me that they heard it run a couple of times, but not often.

Is it worth it? I don't know. Do you really need it? Probably not. Will it hurt anything by having it? Of course not.

73,

Bob W5OV

-----Original Message-----
From: kamarty456 [mailto:martins160@...]
Sent: Saturday, January 27, 2007 7:17 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] additional cooling fan????

When you consider buying the Acom 2000A you are aware that there is an optional muffin fan available.

When I bought my 2000A back in 2001 I was told for SSB I do not need it.

I just wonder how many Acom 2000A users have installed the optional cooling fan and what types of temperatures do they experience?
Then, how about noise? how much more noise does the muffin fan add to the total noise the 2000A generates.

I estimate without the additional fan I see a noise level around 54DbSPL "C" weighting. I used a Radio shack 33-250 SPL meter.

Marty KA7GKN

Yahoo! Groups Links

1881. Acom tools problem

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-06 13:10:01 UTC
From: andrewjohn22
Topic: 1881 Message: 1881

1. I am trying to use Acom tools but I have a problem with it. If I use Acom tools to switch from standby to operate the RCU switches immediately but Acom tools does not show the change immediately but only after a long delay - sometimes 3 or 4 seconds!! It is a 2000a. Anybody know what I am doing wrong?
2. I would gladly contribute to any project concerned with improving the software

73 de Andrew G3WZZ / OZ1XJ / OZ5E

1882. re: [acom-list] Acom tools problem

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-06 14:24:10 UTC
From: Jim Idelson
Topic: 1881 Message: 1882

The original AcomTools program was created by Gerry W1VE. I worked with him on the requirements and features. We were primarily focused on creating a very low-profile tool that would ensure that the amp would switch to the right tuning settings BEFORE transmitting on a new frequency or band. We wanted the low profile so that the amp software would consume a minimum of screen real estate, leaving as much space as possible for logging-related windows. Hence, the small toolbar options. I would be happy to help with specification of a new set of requirements if someone wants to step up to develop the product. I would be willing to bet that the source code for the existing release can be easily obtained as a place to start.

73,

Jim K1IR

> 1. I am trying to use Acom tools but I have a problem with it. If I use
Acom tools to switch from standby to operate the RCU switches
immediately but Acom tools does not show the change immediately but
only after a long delay - sometimes 3 or 4 seconds!! It is a 2000a.
Anybody know what I am doing wrong?
2. I would gladly contribute to any project concerned with improving
the software

73 de Andrew G3WZZ / OZ1XJ / OZ5E

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

1883. Re: Acom tools problem

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-06 17:46:44 UTC
From: edctexas
Topic: 1881 Message: 1883

The current program has a number of peculiarities. Once the program is controlling the ACOM, the RCU will not shut off the amp. The program must be terminated and the cable disconnected to stop the Acom. There are other oddities. The current program is just not very useful as it is implemented. It is a shame that Acom is not supporting it. Perhaps they will release the code and allow the user group to bring it upto date. I have not been able to get the USB serail ports that I have to operate it correctly as these ports don't really have good RTS DTR control. I guess my disappointment is due to the great way the amp works. The program is just alot short of the way the amp works.

Regards Ed KE3D

--- In acom-list@yahoogroups.com, Jim Idelson <k1ir@...> wrote:
>
> The original AcomTools program was created by Gerry W1VE. I worked with him on
> the requirements and features. We were primarily focused on creating a very
> low-profile tool that would ensure that the amp would switch to the right
> tuning settings BEFORE transmitting on a new frequency or band. We wanted the
> low profile so that the amp software would consume a minimum of screen real
> estate, leaving as much space as possible for logging-related windows. Hence,
> the small toolbar options. I would be happy to help with specification of a new
> set of requirements if someone wants to step up to develop the product. I would
> be willing to bet that the source code for the existing release can be easily
> obtained as a place to start.
>
> 73,
>
> Jim K1IR
>
> > 1. I am trying to use Acom tools but I have a problem with it. If I use
> Acom tools to switch from standby to operate the RCU switches
> immediately but Acom tools does not show the change immediately but
> only after a long delay - sometimes 3 or 4 seconds!! It is a 2000a.

> Anybody know what I am doing wrong?
> 2. I would gladly contribute to any project concerned with
improving
> the software
>
> 73 de Andrew G3WZZ / OZ1XJ / OZ5E
>
>
>
>
> Yahoo! Groups Links
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>
> Jim Idelson K1IR
> email k1ir at designet.com
> web http://www.k1ir.com
>

1884. New E-mail Address

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-11 18:12:34 UTC
From: Don Kasten
Topic: 1884 Message: 1884

Due to a sudden unexpected change of e-mail address, please ensure that the ONLY e-mail address you have for me and use is N_4_D_K_@... . Please note the four underscore (_) characters in the first part of the address. If you have sent me any e-mail in the past three days, please resend. Sorry for the inconvenience.

Don Kasten

[Non-text portions of this message have been removed]

1885. Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-20 19:20:58 UTC
From: k2qmf@juno.com
Topic: 1885 Message: 1885

Hello All,

My ACOM 2000A vacuum antenna relay failed
during the ARRL CW DC Contest. (Bummer).
This is the second time that this relay failed and had to be replaced.
I operate 99% CW using QSK. I am active in lots of contests...

The life expectancy of the Kilovac HC-1 relay is 2 million switches.
That seems to be a low number to me! But what do I know..

Any suggestions or thoughts would be very much appreciated.
Thanks in Advance for any info...

73,
Ted K2QMF

1886. Re: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-20 20:04:55 UTC
From: Charles Fulp
Topic: 1885 Message: 1886

I bought some spares after losing my first one...but would hate to swap one during a test... I gave up QSK years ago after welding a lot of those big glass T shaped vacuum relays back in the 70s... with SO2R the QSK stuff doesnt fit anyhow..miss it now and then in pileups

73 Chas K3WW

> Hello All,
>
> My ACOM 2000A vacuum antenna relay failed
> during the ARRL CW DC Contest. (Bummer).
> This is the second time that this relay failed and had to be replaced.
> I operate 99% CW using QSK. I am active in lots of contests...
>
> The life expectancy of the Kilovac HC-1 relay is 2 million switches.
> That seems to be a low number to me! But what do I know..
>
> Any suggestions or thoughts would be very much appreciated.
> Thanks in Advance for any info...
>
> 73,
> Ted K2QMF
>
>

1887. Re: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-20 22:08:14 UTC
From: Sigismonti Ronald
Topic: 1885 Message: 1887

Operate semi-breakin. It beats losing the amp at the most
inopportune times.

161 de Sig

On Feb 20, 2007, at 2:20 PM, k2qmf@... wrote:

> Hello All,
>
> My ACOM 2000A vacuum antenna relay failed
> during the ARRL CW DC Contest. (Bummer).
> This is the second time that this relay failed and had to be replaced.
> I operate 99% CW using QSK. I am active in lots of contests...
>
> The life expectancy of the Kilovac HC-1 relay is 2 million switches.
> That seems to be a low number to me! But what do I know..
>
> Any suggestions or thoughts would be very much appreciated.
> Thanks in Advance for any info...
>
> 73,
> Ted K2QMF
>
>

R. Sigismonti
n3rs@...

[Non-text portions of this message have been removed]

1888. RE: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-21 02:56:06 UTC
From: Robert Naumann
Topic: 1885 Message: 1888

Sig, I agree.

Unless you're casually chatting with someone and expecting to be interrupted
(why would you need an amp then?), what's the point of stressing out all of
your equipment by running QSK? The relay in the Acom will last forever if
you run semi-break-in.

Full break-in is very distracting to me personally, but I know some people
seem to think it's necessary at all times. I don't understand that.

73,

Bob W5OV

-----Original Message-----
From: Sigismonti Ronald [mailto:n3rs@...]
Sent: Tuesday, February 20, 2007 4:08 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A Relay

Operate semi-breakin. It beats losing the amp at the most
inopportune times.

161 de Sig

On Feb 20, 2007, at 2:20 PM, k2qmf@... wrote:

> Hello All,
>
> My ACOM 2000A vacuum antenna relay failed
> during the ARRL CW DC Contest. (Bummer).
> This is the second time that this relay failed and had to be replaced.
> I operate 99% CW using QSK. I am active in lots of contests...
>
> The life expectancy of the Kilovac HC-1 relay is 2 million switches.
> That seems to be a low number to me! But what do I know..
>
> Any suggestions or thoughts would be very much appreciated.
> Thanks in Advance for any info...
>
> 73,
> Ted K2QMF
>
>

R. Sigismonti
n3rs@...

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1889. RE: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-21 03:05:54 UTC
From: bmarton
Topic: 1885 Message: 1889

Agreed..semi is so much nicer and much more relaxed

Bruce

K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Robert Naumann
Sent: Tuesday, February 20, 2007 9:56 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Acom 2000A Relay

Sig, I agree.

Unless you're casually chatting with someone and expecting to be interrupted (why would you need an amp then?), what's the point of stressing out all of your equipment by running QSK? The relay in the Acom will last forever if you run semi-break-in.

Full break-in is very distracting to me personally, but I know some people seem to think it's necessary at all times. I don't understand that.

73,

Bob W5OV

-----Original Message-----
From: Sigismonti Ronald [mailto:n3rs@verizon. <mailto:n3rs%40verizon.net> net]
Sent: Tuesday, February 20, 2007 4:08 PM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: Re: [acom-list] Acom 2000A Relay

Operate semi-breakin. It beats losing the amp at the most inopportune times.

161 de Sig

On Feb 20, 2007, at 2:20 PM, k2qmf@... <mailto:k2qmf%40juno.com> wrote:

> Hello All,
>
> My ACOM 2000A vacuum antenna relay failed
> during the ARRL CW DC Contest. (Bummer).
> This is the second time that this relay failed and had to be replaced.

> I operate 99% CW using QSK. I am active in lots of contests...
>
> The life expectancy of the Kilovac HC-1 relay is 2 million switches.
> That seems to be a low number to me! But what do I know..
>
> Any suggestions or thoughts would be very much appreciated.
> Thanks in Advance for any info...
>
> 73,
> Ted K2QMF
>
>

R. Sigismonti
n3rs@verizon. <mailto:n3rs%40verizon.net> net

[Non-text portions of this message have been removed]

Yahoo! Groups Links

_____ NOD32 2072 (20070220) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1890. Re: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-21 09:53:18 UTC
From: N6KI Dennis Vernacchia
Topic: 1885 Message: 1890

Bob,

I originally felt same way about QSK but after a short stint as
a SPARKS (Radio Officer) in the Merchant Marine 30 years ago,
I soon learned the efficiency and value of running QSK and actually
you were required to run QSK or be considered a LID and you
would slow down all message traffic you would be handling with
Coastal and Other ship stations!
If you ever got proficient enough to run real CW message traffic,
(and please, don't take that as a unkind remark),
you would see why running QSK saves a lot of time and makes
the handling more efficient. The party you are sending traffic to
can interrupt you in a split second to inform you they need a fill
for something missed. If QRM comes up and obliterates your sig,
you can be asked to standby, if fading is prevalent, again, having you
only send on the UP fades helps.
It also helps to know if someone is doubling with you or if someone
is QRLing
or just plain trying to steal your frequency when applied to contest
situations
I could go on and on with more reasons but you will find that many
of the
guys that win or score high in coontests or are trying to work DX
stations when
they are SPLIT, are running QSK...it also comes in handy when
you run SO2R as transmit time takes away from that second receiver you
need to hear!

Yes, it is very distracting and annoying at first but one gets used
to it and learns
to love QSK...It also helps to have a quiet QSK Transceiver and AMP with no
relay noises.....My TS-950SDX (modified to eliminat the mechanical QSK
relay
with solid state device) and ACOM 2000A combo is seamless and a
pleasure to operate in QSK mode...the only time I don't run QSK is if I
am getting backscatter which can be very annoying.

73, Dennis N6KI
Sandy Eggo

Robert Naumann wrote:
>
> Sig, I agree.
>
> Unless you're casually chatting with someone and expecting to be
> interrupted

> (why would you need an amp then?), what's the point of stressing out
> all of
> your equipment by running QSK? The relay in the Acom will last forever if
> you run semi-break-in.
>
> Full break-in is very distracting to me personally, but I know some people
> seem to think it's necessary at all times. I don't understand that.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Sigismonti Ronald [mailto:n3rs@...
> <mailto:n3rs%40verizon.net>]
> Sent: Tuesday, February 20, 2007 4:08 PM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: Re: [acom-list] Acom 2000A Relay
>
> Operate semi-breakin. It beats losing the amp at the most
> inopportune times.
>
> 161 de Sig
>
> On Feb 20, 2007, at 2:20 PM, k2qmf@... <mailto:k2qmf%40juno.com>
> wrote:
>
> > Hello All,
> >
> > My ACOM 2000A vacuum antenna relay failed
> > during the ARRL CW DC Contest. (Bummer).
> > This is the second time that this relay failed and had to be replaced.
> > I operate 99% CW using QSK. I am active in lots of contests...
> >
> > The life expectancy of the Kilovac HC-1 relay is 2 million switches.
> > That seems to be a low number to me! But what do I know..
> >
> > Any suggestions or thoughts would be very much appreciated.
> > Thanks in Advance for any info...
> >
> > 73,
> > Ted K2QMF
> >
> >
>
> R. Sigismonti
> n3rs@... <mailto:n3rs%40verizon.net>
>
> [Non-text portions of this message have been removed]
>

> Yahoo! Groups Links
>
>

1891. Re: [acom-list] Acom 2000A Relay

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-21 19:30:54 UTC
From: k2qmf@juno.com
Topic: 1885 Message: 1891

Thank You to all that responded to my request for info
on the Acom 2000A relay problem.

I have become too accustomed to QSK. I don't think I will be
able to go to semi breakin. I would seem like a step backwards
to the old days of switching the antenna with a DowKey relay.

I guess I will have to plan on changing out that relay every couple of
years...
Thanks again for the input.

Chas congrats on the "OUTSTANDING" ARRL DX CW Score... Wow.

73,
Ted K2QMF

On Tue, 20 Feb 2007 20:04:55 +0000 Charles Fulp <k3ww@...> writes:
> I bought some spares after losing my first one...but would hate to
> swap
> one during a test... I gave up QSK years ago after welding a lot of
> those big glass T shaped vacuum relays back in the 70s... with SO2R
> the
> QSK stuff doesnt fit anyhow..miss it now and then in pileups
>
> 73 Chas K3WW
> > Hello All,
> >
> > My ACOM 2000A vacuum antenna relay failed
> > during the ARRL CW DC Contest. (Bummer).
> > This is the second time that this relay failed and had to be
> replaced.
> > I operate 99% CW using QSK. I am active in lots of contests...
> >
> > The life expectancy of the Kilovac HC-1 relay is 2 million
> switches.
> > That seems to be a low number to me! But what do I know..
> >
> > Any suggestions or thoughts would be very much appreciated.
> > Thanks in Advance for any info...
> >
> > 73,
> > Ted K2QMF
> >
> >
>
>

>
>
> Yahoo! Groups Links
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>

1892. Re: Want to Purchase Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-22 22:25:24 UTC
From: deanmsthill
Topic: 1638 Message: 1892

Fellow Acomers

I am very interested in purchasing a used Acom 1000 or Acom 1010. Let me know what you have and price off list please.

Regards,

Dean - 8P6SH

1893. Re: [acom-list] Re: Want to Purchase Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-22 22:41:20 UTC
From: gi0stc@aol.com
Topic: 1638 Message: 1893

hi
i have acom1000
pice im looking for is £1100
have few other things if interested
has only been used twice
chat soon
Peter

[Non-text portions of this message have been removed]

1894. Question:

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-26 19:19:45 UTC
From: William Beyer
Topic: 1894 Message: 1894

A friend of mine has a ACOM 1000.....

Getting Error code.....

Initial Warning:
AUTO Protection SB 26 (flashing)

CODE Screen

1BAC940720DCD77FEA

Any help with this??

Thank you....

Yours Sincerely,

Bill Beyer/N2WB

[Non-text portions of this message have been removed]

1895. ACOM 2000A RCU problem

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-26 21:34:50 UTC
From: Norman Alexander
Topic: 1895 Message: 1895

I recently have purchased a new 2000A and been enjoying great performance for several weeks. However just a few days ago the following problems occurred. There were many variations, but I shall list a few -
Upon activating the RED on/off, count down began normally - at about 133s, the unit froze, several LEDs came on and the TONE began sounding. None of the functions would work on the RCU. Powered down using main switch. Repowered, started count down, but noticed the time was only 77s. Count completed okay, unit powered up. After a few minutes, Lights, Tone and lockup. Other restart attempts showed premature STEPPER MOTOR checks (mid countdown) and still a stable mode lasted just a few minutes. Contact with ACOM produced a quick response and some instructions. The some what stock guidance was to check power, fuses, plug wiring and other things relating to MAINS supply. Symptoms said this was not the problem, but some form of logic problem. More emails, always overnight response - Stan in Bulgaria and Willy in USA.

A procedure for checking assembly problems in the RCU was outlined which checked cable connections externally and opening (remove the bottom plate, and screws holding PC boards)the RCU for checks. There are a couple of assembly issues that could cause a fault with the PC Tracks, (LCD mounting tabs) and a possible missing insulator. None of these were an issue. However Willy suggested unplugging the EPROM (resets it) and replace. This was done, and viola all is well! Some how the EPROM got corrupted, and reseting it seems to have cured the problem.

The cause? Not known. Will it be a permanent solution? Hope so, time will tell. I thought sharing this experience may be useful to others. Again my compliments to Stan and Willy, their responses were quick and useful.

Norm W4QN
One thing that I am taking more precautions on is making sure there is proper grounding, and no RF in the shack. This problem began after operating on 80m, which sometimes can result in strong RF fields in the shack depending on the antenna configuration. (mine is a 1/4w sloper)

1896. Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-26 22:34:19 UTC
From: Wösten
Topic: 1896 Message: 1896

Hi,

Are there any known issues in connecting the Acom 2000 with an Icom
756 Pro III?

Thanks,

vy 73 Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.3/699 - Release Date: 23-2-2007 13:26

1897. Re: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-26 22:42:21 UTC
From: Mel Whitten
Topic: 1896 Message: 1897

Not that I aware. Used the Acom 2000A with Pro 2 and now with the Pro 3. I also switch between the Pro 3 and a Flex SDR-1000. Have not had any "faults" with either.
Mel, K0PFX

----- Original Message -----
From: Wösten
To: acom-list@yahoogroups.com
Sent: Monday, February 26, 2007 4:34 PM
Subject: [acom-list] Icom 756 Pro III Acom 2000

Hi,

Are there any known issues in connecting the Acom 2000 with an Icom 756 Pro III?

Thanks,

vy 73 Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.3/699 - Release Date: 23-2-2007 13:26

[Non-text portions of this message have been removed]

1898. Acom 2000A Relay Followup

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 00:11:01 UTC
From: k2qmf@juno.com
Topic: 1898 Message: 1898

Hello Again all,

I replaced the Vacuum relay in my 2000A and all is working
like new again!!

I ordered a brand new relay from Gigavac. Part number is "GH1-Ham".
It is an exact replacement for the Kilovac HC-1 and Jennings RJ-1A.
The cost, brand new, is $69.00 for Hams Only!! You must provide your
call sign
to get that price.

Now at least I know I have a new relay and not one that has been pulled
from
some equipment and may already be close to its life expectancy.

http://www.gigavac.com/products/relays/ham/index.htm

Check it out!! These relays are approved by Acom for the amp.

73,
Ted K2QMF

1899. RE: [acom-list] Acom 2000A Relay Followup

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 00:31:25 UTC
From: Howard Klein
Topic: 1898 Message: 1899

Ted,
Thanks for sharing that. It is a good piece of info to know.
Howard..K2HK

----Original Message Follows----
From: k2qmf@...
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000A Relay Followup
Date: Mon, 26 Feb 2007 19:11:01 -0500

Hello Again all,

I replaced the Vacuum relay in my 2000A and all is working
like new again!!

I ordered a brand new relay from Gigavac. Part number is "GH1-Ham".
It is an exact replacement for the Kilovac HC-1 and Jennings RJ-1A.
The cost, brand new, is $69.00 for Hams Only!! You must provide your
call sign
to get that price.

Now at least I know I have a new relay and not one that has been pulled
from
some equipment and may already be close to its life expectancy.

http://www.gigavac.com/products/relays/ham/index.htm

Check it out!! These relays are approved by Acom for the amp.

73,
Ted K2QMF

Yahoo! Groups Links

Don?t miss your chance to WIN 10 hours of private jet travel from Microsoft?
Office Live http://clk.atdmt.com/MRT/go/mcrssaub0540002499mrt/direct/01/

1900. RE: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 03:18:59 UTC
From: Robert Naumann
Topic: 1896 Message: 1900

None - mine is working fine!

73,

Bob W5OV

-----Original Message-----
From: Wösten [mailto:ejwosten@...]
Sent: Monday, February 26, 2007 4:34 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Icom 756 Pro III Acom 2000

Hi,

Are there any known issues in connecting the Acom 2000 with an Icom
756 Pro III?

Thanks,

vy 73 Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.3/699 - Release Date: 23-2-2007
13:26

Yahoo! Groups Links

1901. RE: [acom-list] ACOM 2000A RCU problem

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 03:20:35 UTC
From: Robert Naumann
Topic: 1895 Message: 1901

I had the same experience with mine.

After the reset, it has not happened in 3 years.

73,

Bob W5OV

-----Original Message-----
From: Norman Alexander [mailto:npalex@...]
Sent: Monday, February 26, 2007 3:35 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 2000A RCU problem

I recently have purchased a new 2000A and been enjoying great performance for several weeks. However just a few days ago the following problems occurred. There were many variations, but I shall list a few -
Upon activating the RED on/off, count down began normally - at about 133s, the unit froze, several LEDs came on and the TONE began sounding. None of the functions would work on the RCU. Powered down using main switch. Repowered, started count down, but noticed the time was only 77s. Count completed okay, unit powered up. After a few minutes, Lights, Tone and lockup. Other restart attempts showed premature STEPPER MOTOR checks (mid countdown) and still a stable mode lasted just a few minutes. Contact with ACOM produced a quick response and some instructions. The some what stock guidance was to check power, fuses, plug wiring and other things relating to MAINS supply. Symptoms said this was not the problem, but some form of logic problem. More emails, always overnight response - Stan in Bulgaria and Willy in USA.

A procedure for checking assembly problems in the RCU was outlined which checked cable connections externally and opening (remove the bottom plate, and screws holding PC boards)the RCU for checks. There are a couple of assembly issues that could cause a fault with the PC Tracks, (LCD mounting tabs) and a possible missing insulator. None of these were an issue. However Willy suggested unplugging the EPROM (resets it) and replace. This was done, and viola all is well! Some how the EPROM got corrupted, and reseting it seems to have cured the problem.

The cause? Not known. Will it be a permanent solution? Hope so, time will tell. I thought sharing this experience may be useful to others. Again my compliments to Stan and Willy, their responses were quick and useful.

Norm W4QN
One thing that I am taking more precautions on is making sure there is proper grounding, and no RF in the shack. This problem began after operating on 80m, which sometimes can result in strong RF fields in the shack depending on the antenna configuration. (mine is a 1/4w sloper)

Yahoo! Groups Links

1902. serial number mismatch

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 04:12:28 UTC
From: Eric Scace K3NA
Topic: 1902 Message: 1902

Does someone know how to reset the RCU for an Acom-2000A to eliminate the "serial number mismatch" soft error message?

At one time in the past I carted my amp off to the amp hospital... but neglected to bring the RCU. When the amp returned, it apparently looks for the RCU that was used in the shop. After the warm-up period, my RCU displays this mismatch error message for a few seconds... and then goes into the normal standby mode.

It's not a showstopper, but it would be nice to fix.

-- Eric

1903. Re: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 13:53:09 UTC
From: Bill NY9H
Topic: 1896 Message: 1903

>Are there any known issues in connecting the Acom 2000 with an Icom
>756 Pro III?

just that it is hard to get a much better combination...

bill ny9h

1904. Re: Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 14:44:33 UTC
From: k1iig
Topic: 1896 Message: 1904

--- In acom-list@yahoogroups.com, Wösten <ejwosten@...> wrote:
>
>
>
> Hi,
>
>
> Are there any known issues in connecting the Acom 2000 with an
Icom
> 756 Pro III?

I am using this combination and have had no problemS and I too
switch between the pro3, ts-2000x and ft-847 with no issues.

ANYONE LOOKING FOR AN ACOM REMOTE 10POSITION SWITCH. I HAVE A BRAND
NEW ON IN THE BOX WITH CONTROLLER AND NEVER USED IT.

Steve
K1IIG
>
>
> Thanks,
>
>
> vy 73 Eric PA3CEV
>
>
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.446 / Virus Database: 268.18.3/699 - Release Date: 23-
2-2007 13:26
>

1905. Re: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 14:42:16 UTC
From: Wösten
Topic: 1896 Message: 1905

At 14:53 27-2-2007, you wrote:

> >Are there any known issues in connecting the Acom 2000 with an Icom
> >756 Pro III?
>
>just that it is hard to get a much better combination...

Right :-)))

I got the Icom yesterday and I noticed one can connect the amp in
more then one way.

The original Icom PA is connected to a data jack and ACC2, in the
manual Icom wants uou to use another connector "for non Icom linears" and ALC.

My plan is to use just pin 2 and 3 of ACC2, no ALC.

Am I correct here?

Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.4/703 - Release Date: 26-2-2007 14:56

1906. Re: Acom 2000A Relay Followup

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 15:24:34 UTC
From: Dick Green
Topic: 1898 Message: 1906

FWIW, I had to replace the relay shortly after my amp was delivered. It was a Kilovac HC-1. By great good fortune, I happened to have a brand-new Jennings RJ-1A in my junk box. I've not had a problem since, going on six years. Krassy said they had a bad batch of HC1s and sent me a replacement Russian relay and some silvered braid, but they're sitting in the junk box.

I know of others who had to replace the relay multiple times, and have had problems even with Jennings relays. I'm virtually certain that I did a bunch of QSK testing when I first got the amp, and have always suspected a QSK timing bug damaged the relay. Since replacing the relay, I almost never use the amp with QSK.

I should point out that QSK loops are a two-way street, and that different tranceivers use different timing. The problem could be a mismatch between the transceiver's concept of the QSK timing sequence and the 2000A's concept.

73, Dick WC1M

--- In acom-list@yahoogroups.com, k2qmf@... wrote:
>
> Hello Again all,
>
> I replaced the Vacuum relay in my 2000A and all is working
> like new again!!
>
> I ordered a brand new relay from Gigavac. Part number is "GH1-Ham".
> It is an exact replacement for the Kilovac HC-1 and Jennings RJ-1A.
> The cost, brand new, is $69.00 for Hams Only!! You must provide
your
> call sign
> to get that price.
>
> Now at least I know I have a new relay and not one that has been
pulled
> from
> some equipment and may already be close to its life expectancy.
>
> http://www.gigavac.com/products/relays/ham/index.htm
>
> Check it out!! These relays are approved by Acom for the amp.
>
> 73,
> Ted K2QMF
>

1907. Re: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 15:06:47 UTC
From: William Beyer
Topic: 1896 Message: 1907

Easy.....great combination.

No problems with any ACOM amp.

PRO III with Acom 1000 or Acom 1010, had three Acom 1010 on the XT2C Expedition. (JAN 07)
Two weeks no problems. 24/7 on.

IC-756 PRO III and 1010.

Thank you ACOM!

73

Bill N2WB

----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com ; acom-list@yahoogroups.com
Sent: Tuesday, February 27, 2007 8:53 AM
Subject: Re: [acom-list] Icom 756 Pro III Acom 2000

>Are there any known issues in connecting the Acom 2000 with an Icom
>756 Pro III?

just that it is hard to get a much better combination...

bill ny9h

[Non-text portions of this message have been removed]

1908. RE: [acom-list] Re: Acom 2000A Relay Followup

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 16:40:49 UTC
From: N2TK, Tony
Topic: 1898 Message: 1908

I have one of the early 2000A's. Still using the original vacuum relay. I do use QSK almost all the time on CW. I never use the relay output of a rig to key the amp. I find the fastest transmit ON signal and use that to drive a power mosfet to key the amp. Presently that is what I am doing with my K2 and TS950SDX.
73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Dick Green
Sent: Tuesday, February 27, 2007 10:25 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 2000A Relay Followup

FWIW, I had to replace the relay shortly after my amp was delivered. It was a Kilovac HC-1. By great good fortune, I happened to have a brand-new Jennings RJ-1A in my junk box. I've not had a problem since, going on six years. Krassy said they had a bad batch of HC1s and sent me a replacement Russian relay and some silvered braid, but they're sitting in the junk box.

I know of others who had to replace the relay multiple times, and have had problems even with Jennings relays. I'm virtually certain that I did a bunch of QSK testing when I first got the amp, and have always suspected a QSK timing bug damaged the relay. Since replacing the relay, I almost never use the amp with QSK.

I should point out that QSK loops are a two-way street, and that different tranceivers use different timing. The problem could be a mismatch between the transceiver's concept of the QSK timing sequence and the 2000A's concept.

73, Dick WC1M

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, k2qmf@... wrote:
>
> Hello Again all,
>
> I replaced the Vacuum relay in my 2000A and all is working
> like new again!!
>
> I ordered a brand new relay from Gigavac. Part number is "GH1-Ham".
> It is an exact replacement for the Kilovac HC-1 and Jennings RJ-1A.
> The cost, brand new, is $69.00 for Hams Only!! You must provide

your
> call sign
> to get that price.
>
> Now at least I know I have a new relay and not one that has been
pulled
> from
> some equipment and may already be close to its life expectancy.
>
> http://www.gigavac. <http://www.gigavac.com/products/relays/ham/index.htm>
com/products/relays/ham/index.htm
>
> Check it out!! These relays are approved by Acom for the amp.
>
> 73,
> Ted K2QMF
>

[Non-text portions of this message have been removed]

1909. Re: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 16:53:17 UTC
From: Bill NY9H
Topic: 1896 Message: 1909

While there are many that will recommend using an external buffer box
to protect the internal relay... (and many that will scream about it ...)
especially if your going to run qsk,,,, due to the duty cycle ....
it will work the way Icom intended... by grounding pin 3..

However you should read up on the external relay option :
http://www.qsl.net/icom/auxrelay.html

73
bill ny9h

>The original Icom PA is connected to a data jack and ACC2, in the
>manual Icom wants uou to use another connector "for non Icom linears" and ALC.
>
>My plan is to use just pin 2 and 3 of ACC2, no ALC.
>
>Am I correct here?
>
>Eric PA3CEV
>
>
>
>
>--
>No virus found in this outgoing message.
>Checked by AVG Free Edition.
>Version: 7.5.446 / Virus Database: 268.18.4/703 - Release Date:
>26-2-2007 14:56
>
>
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>
>Yahoo! Groups Links
>
>
>

1910. Re: Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-27 18:50:58 UTC
From: w9ac
Topic: 1896 Message: 1910

> While there are many that will recommend using an external buffer box
> to protect the internal relay... (and many that will scream about
it ...)
> especially if your going to run qsk,,,, due to the duty cycle ....
> it will work the way Icom intended... by grounding pin 3..
>
> However you should read up on the external relay option :
> http://www.qsl.net/icom/auxrelay.html

Probably the best way to handle the amp switching function is to use a MOSFET solid-state buffer between the Icom and amp. On the Pro-III, one can access the SEND line through one of the two ACC ports.

Although the MOSFET structure in and of itself offers excellent isolation, an opto-isolator can be used to provide further isolation from the amp. One such device is the "KeyAll," available from Jackson Harbor Press. The Keyall is designed to optically isolate the amp from the radio and will switch both positive and negative key lines up to 500 VDC/VAC @ 2.5 amps:

http://home.att.net/~jacksonharbor/keyall.htm

At just a bit more than ten dollars per kit, it doesn't really make sense to design your own. This is a much better solution than depending on the rig's external key line relay.

Paul, W9AC

1911. RE: [acom-list] Icom 756 Pro III Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-28 04:00:09 UTC
From: Robert Naumann
Topic: 1896 Message: 1911

I use the "other connector", the "send" jack and no ALC.

RCA jack to RCA jack. Could not be simpler.

See page 17 in the Pro III owner's manual.

73,
Bob W5OV

-----Original Message-----
From: Wösten [mailto:ejwosten@xs4all.nl]
Sent: Tuesday, February 27, 2007 8:42 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Icom 756 Pro III Acom 2000

At 14:53 27-2-2007, you wrote:

> >Are there any known issues in connecting the Acom 2000 with an Icom
> >756 Pro III?
>
>just that it is hard to get a much better combination...

Right :-)))

I got the Icom yesterday and I noticed one can connect the amp in
more then one way.

The original Icom PA is connected to a data jack and ACC2, in the
manual Icom wants uou to use another connector "for non Icom linears" and
ALC.

My plan is to use just pin 2 and 3 of ACC2, no ALC.

Am I correct here?

Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 268.18.4/703 - Release Date: 26-2-2007
14:56

Yahoo! Groups Links

1912. Kansas City

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-28 12:46:42 UTC
From: Will Angenent
Topic: 1912 Message: 1912

Good Morning, I am looking for an ACOM user in the neighborhood of Kansa City (zip 64119).

I need to get in contact with KB0VSL. Any help is appreciated.

Thank you

Best regards,

Will

K6ND

781 727 3127

[Non-text portions of this message have been removed]

1913. Re: Acom 2000A Relay Followup

Yahoo group: acom-list (1999 — 2009)
Date: 2007-02-28 15:19:41 UTC
From: Dick Green
Topic: 1898 Message: 1913

I always use a solid-state signal to drive my amps. Most Yaesu rigs have TX GND / TX ENA signals available on the rear panel for that purpose. They plug right in to the keying loop on the Acom.

You have to use the loop if the rig doesn't have a long enough delay between key down and the start of the RF envelope. The delay isn't adjustable on my FT-1000D, so I use the keying loop. I don't recall which rig I was using with the Acom when I first got it. It was either an FT-990 or an FT-1000MP. The MP had a delay adjustment and a keying loop. The 990 didn't have an adjustment. The 990 had a notoriously poor QSK envelope, so it wouldn't surprise me if its keying loop algorithm/timing wasn't compatible with the Acom. There's variation among manufacturers in this regard. For example, Ten-Tec has a different concept of how the timing sequence should work.

I had a TS-940, and later a TS-950SDX, that I used with an 87A. I had to do some surgery on the 940 to bring a +12VDC transmit signal out to the back panel to silently key the amp. I can't recall whether I had to do that to the 950 (I did have to tap the bandpass filter matrix to drive my band decoder...)

Anyway, the speed of the 950's transmit signal isn't the primary consideration. It's the delay between that signal and the start of the RF envelope. As I recall, the delay is adjustable in the 950 configuration menu. I think it has a max of 15ms, which should be fine for the vacuum relay in the Acom.

The relays used in the Acom have a nominal cycle time of between 6-8 ms when keyed with 24VDC. The relay can close faster if you use a circuit that briefly allows a higher voltage to appear across the coil. The QSK mod for the SB-220 sold by Rich Measures, AG6K, uses that trick (not an endorsement of his other products.) AG6K claims his circuit can cycle the relay at less than 2ms. I don't know if Acom uses any tricks like that, so to be safe I'd use a delay of no less than 10ms.

One of the things I like about my 87A versus the 2000A is the PIN diode QSK. You don't have to worry about switching speed and it's absolutely silent! You don't need a keying loop, either (the 87A keying loop doesn't work properly anyway.) Love the Acom, but the PIN diode QSK is the reason the 87A is on the main run radio in my SO2R contest station (well, that and the 87A's dynamic autotune feature.) Reliability? I've had one PIN diode faiure in 12 years (knock on wood), and I replaced it myself. The relay in the Acom failed once, so they're even.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "N2TK, Tony" <tony.kaz@...> wrote:
>
> I have one of the early 2000A's. Still using the original vacuum
relay. I do
> use QSK almost all the time on CW. I never use the relay output of
a rig to
> key the amp. I find the fastest transmit ON signal and use that to
drive a
> power mosfet to key the amp. Presently that is what I am doing with
my K2
> and TS950SDX.
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
On Behalf
> Of Dick Green
> Sent: Tuesday, February 27, 2007 10:25 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Acom 2000A Relay Followup
>
>
>
> FWIW, I had to replace the relay shortly after my amp was
delivered.
> It was a Kilovac HC-1. By great good fortune, I happened to have a
> brand-new Jennings RJ-1A in my junk box. I've not had a problem
> since, going on six years. Krassy said they had a bad batch of HC1s
> and sent me a replacement Russian relay and some silvered braid,
but
> they're sitting in the junk box.
>
> I know of others who had to replace the relay multiple times, and
> have had problems even with Jennings relays. I'm virtually certain
> that I did a bunch of QSK testing when I first got the amp, and
have
> always suspected a QSK timing bug damaged the relay. Since
replacing
> the relay, I almost never use the amp with QSK.
>
> I should point out that QSK loops are a two-way street, and that
> different tranceivers use different timing. The problem could be a
> mismatch between the transceiver's concept of the QSK timing
sequence
> and the 2000A's concept.
>
> 73, Dick WC1M

>
> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com>
ps.com,
> k2qmf@ wrote:
> >
> > Hello Again all,
> >
> > I replaced the Vacuum relay in my 2000A and all is working
> > like new again!!
> >
> > I ordered a brand new relay from Gigavac. Part number is "GH1-
Ham".
> > It is an exact replacement for the Kilovac HC-1 and Jennings RJ-
1A.
> > The cost, brand new, is $69.00 for Hams Only!! You must provide
> your
> > call sign
> > to get that price.
> >
> > Now at least I know I have a new relay and not one that has been
> pulled
> > from
> > some equipment and may already be close to its life expectancy.
> >
> > http://www.gigavac.
<http://www.gigavac.com/products/relays/ham/index.htm>
> com/products/relays/ham/index.htm
> >
> > Check it out!! These relays are approved by Acom for the amp.
> >
> > 73,
> > Ted K2QMF
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1914. Re: [acom-list] Kansas City

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-01 02:11:32 UTC
From: K0DAN
Topic: 1912 Message: 1914

I'm in the Lee's Summit area and am an Acom user.

73

Dan
K0DAN

----- Original Message -----
From: "Will Angenent" <k6nd@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, February 28, 2007 6:46 AM
Subject: [acom-list] Kansas City

> Good Morning, I am looking for an ACOM user in the neighborhood of Kansa
> City (zip 64119).
>
> I need to get in contact with KB0VSL. Any help is appreciated.
>
>
>
> Thank you
>
>
>
> Best regards,
>
>
>
> Will
>
> K6ND
>
>
>
> 781 727 3127
>
>
>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1915. Acom 1010 amplifier for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-07 15:33:05 UTC
From: Charlie, W0YG
Topic: 1915 Message: 1915

I have a Acom 1010 for sale. I don't see a mark on it. Comes with the original manual. I am the original owner. Works perfect! I want $2100.00 shipped in the lower 48.

I also have a Pelican case that I had foam inserts made expecially for the 1010 amplifier. This is a special 2# foam, more resistant to vibration than standard foam rubber. The foam has been cut so that none of the knobs or projections impinge into the foam, thus eliminating the possibility of damage when shipping or checking on an airline. The case is the Pelican 1620. I want $275.00 shipped in the lower 48 for the case. It comes with an extra latch in case one gets broken.

73,

Charlie, W0YG..>>

PS Please reply to me privately and not through the reflector.

[Non-text portions of this message have been removed]

1916. Re: [acom-list] Acom 1010 amplifier for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-07 18:39:21 UTC
From: N6KI Dennis Vernacchia
Topic: 1915 Message: 1916

Charlie,

How old is it?

How many hours on the tube?

What usage did it have (contesting, DXing only or ragchewing ?)

How much Factory Warranty left on it?

73, Dennis N6KI

Charlie, W0YG wrote:
>
> I have a Acom 1010 for sale. I don't see a mark on it. Comes with the
> original manual. I am the original owner. Works perfect! I want $2100.00
> shipped in the lower 48.
>
> I also have a Pelican case that I had foam inserts made expecially for the
> 1010 amplifier. This is a special 2# foam, more resistant to vibration
> than
> standard foam rubber. The foam has been cut so that none of the knobs or
> projections impinge into the foam, thus eliminating the possibility of
> damage when shipping or checking on an airline. The case is the Pelican
> 1620. I want $275.00 shipped in the lower 48 for the case. It comes with
> an extra latch in case one gets broken.
>
> 73,
>
> Charlie, W0YG..>>
>
> PS Please reply to me privately and not through the reflector.
>
> [Non-text portions of this message have been removed]
>
>

1917. Acom 1010 amplifier spoken for

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-07 19:06:01 UTC
From: Charlie, W0YG
Topic: 1917 Message: 1917

The Acom 1010 has now been spoken for. I still have the Pelican case and can supply it with cutouts in special 2# foam for either the 1010 or the Acom 1000 amplifier. Perfect rolling traveling case. $275.00 shipped in original box to the lower 48. I am the original owner of this item.

73,

Charlie, W0YG..>>

[Non-text portions of this message have been removed]

1918. Acom remote control tool

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-13 13:52:26 UTC
From: Sergei Kulyov
Topic: 1918 Message: 1918

Dear ACOM users:

I wonder is there are any news on possible new reliable ACOM remote control tool?

Thanks

73, Sergei UA3AP

Moscow

-----Original Message-----
From: "edctexas" <ed.cox@...>
To: acom-list@yahoogroups.com
Date: Tue, 06 Feb 2007 17:46:44 -0000
Subject: [acom-list] Re: Acom tools problem

> The current program has a number of peculiarities. Once the program
> is controlling the ACOM, the RCU will not shut off the amp. The
> program must be terminated and the cable disconnected to stop the
> Acom. There are other oddities. The current program is just not
> very useful as it is implemented. It is a shame that Acom is not
> supporting it. Perhaps they will release the code and allow the user
> group to bring it upto date. I have not been able to get the USB
> serail ports that I have to operate it correctly as these ports don't
> really have good RTS DTR control. I guess my disappointment is due
> to the great way the amp works. The program is just alot short of
> the way the amp works.
>
> Regards Ed KE3D
>
> --- In acom-list@yahoogroups.com, Jim Idelson <k1ir@...> wrote:
> >
> > The original AcomTools program was created by Gerry W1VE. I worked
> with him on
> > the requirements and features. We were primarily focused on
> creating a very
> > low-profile tool that would ensure that the amp would switch to the
> right
> > tuning settings BEFORE transmitting on a new frequency or band. We
> wanted the
> > low profile so that the amp software would consume a minimum of
> screen real
> > estate, leaving as much space as possible for logging-related
> windows. Hence,
> > the small toolbar options. I would be happy to help with
> specification of a new

> > set of requirements if someone wants to step up to develop the
> product. I would
> > be willing to bet that the source code for the existing release can
> be easily
> > obtained as a place to start.
> >
> > 73,
> >
> > Jim K1IR
> >
> > > 1. I am trying to use Acom tools but I have a problem with it. If
> I use
> > Acom tools to switch from standby to operate the RCU switches
> > immediately but Acom tools does not show the change immediately but
> > only after a long delay - sometimes 3 or 4 seconds!! It is a 2000a.
> > Anybody know what I am doing wrong?
> > 2. I would gladly contribute to any project concerned with
> improving
> > the software
> >
> > 73 de Andrew G3WZZ / OZ1XJ / OZ5E
> >
> >
> >
> >
> > Yahoo! Groups Links
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> >
> > <
> >
> >
> >
> > Jim Idelson K1IR
> > email k1ir at designet.com
> > web http://www.k1ir.com
> >
>
>
>
>

1919. TS850 and ACOM1000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-19 20:15:07 UTC
From: sm5wpw
Topic: 1919 Message: 1919

Pleas tell me how to connect the TS850 to ACOM1000.
73s Mike SM5WPW

1920. Re: [acom-list] TS850 and ACOM1000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-19 20:49:01 UTC
From: Franki ON5ZO
Topic: 1919 Message: 1920

> Pleas tell me how to connect the TS850 to ACOM1000.
> 73s Mike SM5WPW

Mike, you need to connect the ACOM's PTT input with the 7 pin "Remote"
connector:
http://tk5ep.free.fr/tech/ts850/en/pinouts.htm

Use pins 4 (TX short) and 2 (common) where:
Remote pin 2 = common = shield of cable / RCA plug
Remote pin 4 = TX short = center of cable / RCA pin

73 de Franki ON5ZO

1921. it's time for you to clean the filter!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 14:50:20 UTC
From: kamarty456
Topic: 1921 Message: 1921

As we enter spring we are reminded to replace the batteries in our smoke and carbon monoxide detectors. I'd like to add the following to that list:

It's time to check your Acom amp dust filter. cleaning or replacing it will ensure proper air flow.

By the way, you really need to check out the ICE [Industrial Communication Engineers] 240V 25A model 338 in line protector for delicate equipment. It's the season for power line hiccups and brown outs, and surges all that may be fatal for any sensitive device.

We all think a linear is a big brute force box, well it has microprocessors, SMD components and other goodies that do not like surges, spikes, and bad AC power!

The new amplifiers of today are no where near the wire plier yank types of the 1950's and some newer!

Regards,
Marty, KA7GKN

1922. Re: [acom-list] it's time for you to clean the filter!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 15:11:47 UTC
From: Barry
Topic: 1921 Message: 1922

Good points, Marty. I do have whole-house surge protectors from ICE. I also have ICE surge protectors on the telephone lines.

A number of years ago, I took a hit that came up one of my phone lines. It knocked out the answering machine, jumped to an adjacent electrical outlet, killing a TV, then went upstairs, took out control circuitry in my heat pump and also blew a patch of wallpaper (which had a metal foil running through it as part of the design) off the wall, adjacent to the thermostat! Interestingly, my computer (connected to a telephone modem on the other line) and ham gear, which was on at the time, went unscathed.

BTW, if anyone is interested, I have an extra, brand-new ICE 340 telephone line surge protector that I'd be willing to part with. I bought it several years ago, anticipating putting in a third phone line (for the kids, but they got cell phones instead) which never happened. Contact me directly if interested.

kamarty456 wrote:
>
> As we enter spring we are reminded to replace the batteries in our
> smoke and carbon monoxide detectors. I'd like to add the following to
> that list:
>
> It's time to check your Acom amp dust filter. cleaning or replacing
> it will ensure proper air flow.
>
> By the way, you really need to check out the ICE [Industrial
> Communication Engineers] 240V 25A model 338 in line protector for
> delicate equipment. It's the season for power line hiccups and brown
> outs, and surges all that may be fatal for any sensitive device.
>
> We all think a linear is a big brute force box, well it has
> microprocessors, SMD components and other goodies that do not like
> surges, spikes, and bad AC power!
>
> The new amplifiers of today are no where near the wire plier yank
> types of the 1950's and some newer!
>
> Regards,
> Marty, KA7GKN
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1923. mailduster account?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 15:40:37 UTC
From: Barry
Topic: 1923 Message: 1923

Does anyone on the list have an account with Mailduster.com? If so,
please contact me directly.

I've had a few complaints, and I've noticed it myself, too, that
whenever someone posts a message to the list, they get a response from
null@.... I've checked the subscriber records, and there is
nobody subscribed with a mailduster.com address, so I"m at a loss as tho
where these are coming from.
Tnx,
Barry, W2UP
List administrator

--

Barry Kutner, W2UP
Newtown, PA

1924. Re: mailduster account?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 15:51:15 UTC
From: k1iig
Topic: 1923 Message: 1924

Barry,

I have had an account with them for a few years. You can contact me at my call letter at arrl.net. Make sure to put my call in the subject matter so mailduster will let you through.

Steve
K1IIG

-- In acom-list@yahoogroups.com, Barry <w2up@...> wrote:
>
> Does anyone on the list have an account with Mailduster.com? If so,
> please contact me directly.
>
> I've had a few complaints, and I've noticed it myself, too, that
> whenever someone posts a message to the list, they get a response from
> null@... I've checked the subscriber records, and there is
> nobody subscribed with a mailduster.com address, so I"m at a loss as tho
> where these are coming from.
> Tnx,
> Barry, W2UP
> List administrator
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>

1925. k1iig Re: mailduster account?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 23:25:08 UTC
From: Barry
Topic: 1923 Message: 1925

Hi Steve,
As mentioned below, every time someone posts to the list, they get an
empty email from null@.... I don't see any way to figure out
who it's coming from, but I presume it's a configuration issue. Any ideas?
Tnx,
Barry

k1iig wrote:
>
> Barry,
>
> I have had an account with them for a few years. You can contact me
> at my call letter at arrl.net. Make sure to put my call in the
> subject matter so mailduster will let you through.
>
> Steve
> K1IIG
>
> -- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>,
> Barry <w2up@...> wrote:
> >
> > Does anyone on the list have an account with Mailduster.com? If
> so,
> > please contact me directly.
> >
> > I've had a few complaints, and I've noticed it myself, too, that
> > whenever someone posts a message to the list, they get a response
> from
> > null@... I've checked the subscriber records, and there is
> > nobody subscribed with a mailduster.com address, so I"m at a loss
> as tho
> > where these are coming from.
> > Tnx,
> > Barry, W2UP
> > List administrator
> >
> > --
> >
> > Barry Kutner, W2UP
> > Newtown, PA
> >
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1926. ignore last email

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-21 23:26:20 UTC
From: Barry
Topic: 1926 Message: 1926

Sorry gang. I thought it was addressed to K1IIG, and as I clicked send,
I noticed it went to the list.

Ignore it.
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

1927. Questions from new ACOM 2000a owner

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 14:05:30 UTC
From: billdz.geo
Topic: 1927 Message: 1927

Hello all. I just bought a used ACOM 2000a and was very glad to find this group. The ACOM sure looks like a solid, quiet, easy to use amp.

There are a couple of things I couldn't figure out from reading the manual, perhaps someone could give me guidance.

First, and most serious, is that I do not seem to be able to apply more than 10 watts of continuous carrier without getting a fault. I can get the amp to auto-tune by applying 10 watts of drive. I can then turn my transceiver (Kenwood TS-480SAT) to SSB, increase drive to 50-60 watts, and get a full 1.5kw or more of output with no problem. But if I change to CW and hold the key down for a few seconds, I get a fault, even with drive as low as 15 watts. This happens even on auto-tune, where the display says to apply 10-20 watts of drive. If I apply 10 watts, it auto-tunes fine. If I apply 15 or 20 watts, it faults.

When it faults, the message on the display is either Detected RF Power at Wrong Time, or Automatic Protection Drive Power Removed.

According to p.26 of the manual, the Automatic Protection message is only supposed to appear 10 seconds after the message Remove and Reduce Drive Power appears. However, I have never seen the Remove and Reduce message, and the Automatic Protection fault occurs in less than 10 seconds.

Any thoughts on what is going on? Thanks in advance for any help.

73,
Bill NZ5N

1928. Re: [acom-list] Questions from new ACOM 2000a owner

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 15:20:36 UTC
From: Bill NY9H
Topic: 1927 Message: 1928

just a guess... did you try on a dummy load ???

i had antenna feedline problems, that had not been detected till I
put the 2000a on that antenna...
but that was a different fault "arc"...

and if you are in auto tune, i could see where it would not allow
much power while in autotune mode...ever...

i am certain some smarter more experienced acom users will save you ...

you could call krassy or will at acom ... they will help you...

congrats on the new box, you lucky guy,....

bill
At 09:05 AM 3/22/2007, you wrote:
>Hello all. I just bought a used ACOM 2000a and was very glad to find
>this group. The ACOM sure looks like a solid, quiet, easy to use amp.
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>There are a couple of things I couldn't figure out from reading the
>manual, perhaps someone could give me guidance.
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>more than 10 watts of continuous carrier without getting a fault. I
>can get the amp to auto-tune by applying 10 watts of drive. I can
>then turn my transceiver (Kenwood TS-480SAT) to SSB, increase drive to
>50-60 watts, and get a full 1.5kw or more of output with no problem.
>But if I change to CW and hold the key down for a few seconds, I get a
>fault, even with drive as low as 15 watts. This happens even on
>auto-tune, where the display says to apply 10-20 watts of drive. If I
>apply 10 watts, it auto-tunes fine. If I apply 15 or 20 watts, it faults.
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>When it faults, the message on the display is either Detected RF Power
>at Wrong Time, or Automatic Protection Drive Power Removed.
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>only supposed to appear 10 seconds after the message Remove and Reduce
>Drive Power appears. However, I have never seen the Remove and Reduce
>message, and the Automatic Protection fault occurs in less than 10
>seconds.
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>Any thoughts on what is going on? Thanks in advance for any help.
>
>73,
>Bill NZ5N

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>Yahoo! Groups Links
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1929. Re: Questions from new ACOM 2000a owner

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 17:31:22 UTC
From: billdz.geo
Topic: 1927 Message: 1929

Thanks for the reply. Unfortunately, I don't have a high-power dummy load, maybe I'll have to borrow one.

But if the problem is in the antenna, why does the amp allow me to transmit a full 1.5kw on SSB? It only faults when a continuous carrier is applied.

Does the auto-tune just adjust the amp's tuning and loading for maximum output, or is it also supposed to adjust the automatic antenna tuner? If the latter, I'm not sure that the antenna tuner is working. My 40 meter antenna has a normal SWR of 1.5:1. I performed the auto-tune on the amp, but the SWR is still 1.5:1, according to the RCU display. I would have thought that the tuner would reduce it to closer to 1:1. Or is there something else, apart from auto-tune, that needs to be done to make the antenna tuner work?

--- In acom-list@yahoogroups.com, Bill NY9H <ny9h@...> wrote:
>
> just a guess... did you try on a dummy load ???
>
> i had antenna feedline problems, that had not been detected till I
> put the 2000a on that antenna...
> but that was a different fault "arc"...
>
> and if you are in auto tune, i could see where it would not allow
> much power while in autotune mode...ever...
>
> i am certain some smarter more experienced acom users will save you ...
>
> you could call krassy or will at acom ... they will help you...
>
>
> congrats on the new box, you lucky guy,....
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> At 09:05 AM 3/22/2007, you wrote:
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> >can get the amp to auto-tune by applying 10 watts of drive. I can
> >then turn my transceiver (Kenwood TS-480SAT) to SSB, increase drive to

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> >But if I change to CW and hold the key down for a few seconds, I get a
> >fault, even with drive as low as 15 watts. This happens even on
> >auto-tune, where the display says to apply 10-20 watts of drive. If I
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> >Any thoughts on what is going on? Thanks in advance for any help.
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> >73,
> >Bill NZ5N
> >
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> >Yahoo! Groups Links
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1930. Re: Questions from new ACOM 2000a owner - problem solved!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 18:53:21 UTC
From: billdz.geo
Topic: 1927 Message: 1930

I spoke with Will and everything is now working 100%. With respect to the faulting, the problem was in the connection between my transceiver and the KEY IN plug on the amp. As for the SWR, Will explained that, contrary to my prior understanding, the amp does not have a true internal antenna tuner. It's just that the L-netork enables the amp to work properly with an SWR up to 3:1. However, the SWR does not change.

I look forward to contributing to this group and to using the 2000a in the contest this weekend.

73,
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> But if the problem is in the antenna, why does the amp allow me to
> transmit a full 1.5kw on SSB? It only faults when a continuous
> carrier is applied.
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> Does the auto-tune just adjust the amp's tuning and loading for
> maximum output, or is it also supposed to adjust the automatic antenna
> tuner? If the latter, I'm not sure that the antenna tuner is working.
> My 40 meter antenna has a normal SWR of 1.5:1. I performed the
> auto-tune on the amp, but the SWR is still 1.5:1, according to the RCU
> display. I would have thought that the tuner would reduce it to
> closer to 1:1. Or is there something else, apart from auto-tune, that
> needs to be done to make the antenna tuner work?
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> > i am certain some smarter more experienced acom users will save
you ...
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> > you could call krassy or will at acom ... they will help you...

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1931. Re: [acom-list] Re: Questions from new ACOM 2000a owner

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 20:03:33 UTC
From: Bill NY9H
Topic: 1927 Message: 1931

there is NOT an antenna tuner within the 2000a...
do you have an external tuner between the amp and the antennas ?

The output section of the 2000a DOES tune the output section to
"match" the load , which doe not have to be be a perfect 50Ohms..
which could be interpreted as matching the amp somewhat to the antenna.

Which in fact is what an ant tuner does,,,, it doesn't change the
antenna, but 'tries' to match the antenna to the amp or transceiver.
It could be viewed that the tuner & the antenna are then "tuned".

If you looks at the RCU that is why the swr indication doesn't
change..... but the amp is 'trying' to best match the load....but the
ant stays at whatever it is...

IF the antenna presents a 1.5 to 1 swr.... I don't have guess why
the amp is having that problem.

DOES IT WORK OK WITH LESS DRIVE on cw SAY 15 WATTS...??
and then fault at a particular power out ??
bill

At 12:31 PM 3/22/2007, you wrote:
>Thanks for the reply. Unfortunately, I don't have a high-power dummy
>load, maybe I'll have to borrow one.
>
>But if the problem is in the antenna, why does the amp allow me to
>transmit a full 1.5kw on SSB? It only faults when a continuous
>carrier is applied.
>
>Does the auto-tune just adjust the amp's tuning and loading for
>maximum output, or is it also supposed to adjust the automatic antenna
>tuner? If the latter, I'm not sure that the antenna tuner is working.
> My 40 meter antenna has a normal SWR of 1.5:1. I performed the
>auto-tune on the amp, but the SWR is still 1.5:1, according to the RCU
>display. I would have thought that the tuner would reduce it to
>closer to 1:1. Or is there something else, apart from auto-tune, that
>needs to be done to make the antenna tuner work?
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> > and if you are in auto tune, i could see where it would not allow
> > much power while in autotune mode...ever...
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> > i am certain some smarter more experienced acom users will save you ...
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> > you could call krassy or will at acom ... they will help you...
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1932. Re: [acom-list] Re: Questions from new ACOM 2000a owner - problem solved!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-22 20:06:21 UTC
From: Bill NY9H
Topic: 1927 Message: 1932

good news....

73
bill

At 01:53 PM 3/22/2007, you wrote:
>I spoke with Will and everything is now working 100%. With respect to
>the faulting, the problem was in the connection between my transceiver
>and the KEY IN plug on the amp. As for the SWR, Will explained that,
>contrary to my prior understanding, the amp does not have a true
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1933. Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-25 23:28:38 UTC
From: billdz.geo
Topic: 1933 Message: 1933

I was wondering if it would be a good idea to pick up a couple of spare finals for my 2000a. Guess it's always nice to have extras if needed in an emergency, and the ebay price is still relatively low, about $250 for a matched pair, although the going price has gone up substantially in the past couple of years.

However, a few things give me pause:
* gettering - I know it is necessary, how difficult is this to do?
* testing - Is there a way to test the spares without removing the existing finals from my amp?
* reliability - The inexpensive tubes are from Russian suppliers, and there have been reports of people getting bad tubes. The lowest price I have seen from a U.S. supplier (RF Parts) is $350 for one tube.

Any thoughts?
73,
Bill NZ5N

1934. RE: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 01:32:48 UTC
From: Robert Naumann
Topic: 1933 Message: 1934

Bill,

I think you should put the money in a CD or other investment instead.

I bought a spare set of tubes for mine thinking it would be likely that I would need them, but the Acom is so well engineered that the tubes are protected completely from damage.

I'm still on my original set and my 2000A is one of the early ones.

73,

Bob W5OV

-----Original Message-----
From: billdz.geo [mailto:billdz.geo@...]
Sent: Sunday, March 25, 2007 6:29 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Good idea to buy spare tubes?

I was wondering if it would be a good idea to pick up a couple of spare finals for my 2000a. Guess it's always nice to have extras if needed in an emergency, and the ebay price is still relatively low, about $250 for a matched pair, although the going price has gone up substantially in the past couple of years.

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Any thoughts?
73,
Bill NZ5N

Yahoo! Groups Links

1935. Re: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 01:55:33 UTC
From: Barry
Topic: 1933 Message: 1935

I agree and I got my amp before Bob.
Barry, W2UP

Robert Naumann wrote:
>
> Bill,
>
> I think you should put the money in a CD or other investment instead.
>
> I bought a spare set of tubes for mine thinking it would be likely that I
> would need them, but the Acom is so well engineered that the tubes are
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> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: billdz.geo [mailto:billdz.geo@...
> <mailto:billdz.geo%40yahoo.com>]
> Sent: Sunday, March 25, 2007 6:29 PM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: [acom-list] Good idea to buy spare tubes?
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> Any thoughts?
> 73,
> Bill NZ5N
>
> Yahoo! Groups Links

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--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1936. Re: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 12:32:03 UTC
From: Brian Alsop
Topic: 1933 Message: 1936

Bob,

My experience with the ACOM2000A tubes was just the opposite. The new unit went back to ACOM three times. In each case it was tube failure. It was a low serial number unit. Perhaps the tube QC issue was solved in later units.

I suspect that Russian tubes were used. The replacement Russian tubes one can find might be no better.

73 de Brian/K3KO

Robert Naumann wrote:

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>From: billdz.geo [mailto:billdz.geo@...]
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1937. RE: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 12:59:14 UTC
From: Robert Naumann
Topic: 1933 Message: 1937

Brian,

I'm sorry to hear you had that trouble, but I think yours was a unique experience. Did the tubes just fail due to defect or were they damaged in operation? Was an "autopsy" done?

My tubes are all Svetlana - including the spare set I bought from "Tom's Tubes" years ago. Who else makes 4CX800A's?

I have had my 2000A for 7 or 8 years now with some fairly rough treatment (a few trips to Antigua as airline baggage) and use at numerous unsupervised (me not there) multi-ops here in the states in every major contest over the entire time I have owned it.

Since the tubes are fairly cheap, it's no harm to have a set, but I think the vast majority of 2000A owners have not had any tube troubles.

73,

Bob W5OV

-----Original Message-----
From: Brian Alsop [mailto:alsopb@...]
Sent: Monday, March 26, 2007 7:32 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Good idea to buy spare tubes?

Bob,

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>However, a few things give me pause:
>* gettering - I know it is necessary, how difficult is this to do?
>* testing - Is there a way to test the spares without removing the
>existing finals from my amp?
>* reliability - The inexpensive tubes are from Russian suppliers, and
>there have been reports of people getting bad tubes. The lowest price
>I have seen from a U.S. supplier (RF Parts) is $350 for one tube.
>
>Any thoughts?
>73,
>Bill NZ5N
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>Yahoo! Groups Links
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Yahoo! Groups Links

1938. RE: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 13:16:04 UTC
From: Jim Idelson
Topic: 1933 Message: 1938

In the old days, with traditional amplifier designs, we worried about keeping spare tubes because they did fail over time and they could become difficult to procure in a pinch. But, with this amp, things are different. Those tubes are well-protected and not hard to find. I think more about other FRUs (field replaceable units) that might fail and become difficult or impossible to acquire. Do you have a spare programmed digital control board? Stepper motor? Those are the kinds of things that worry me. I sure hope Acom is around for a long, long time.

73,

73 Jim Idelson K1IR

-----Original Message-----
From: "Robert Naumann" <W5OV@...>
Date: Monday, Mar 26, 2007 8:00 am
Subject: RE: [acom-list] Good idea to buy spare tubes?

Brian,

I'm sorry to hear you had that trouble, but I think yours was a unique experience. Did the tubes just fail due to defect or were they damaged in operation? Was an "autopsy" done?

My tubes are all Svetlana - including the spare set I bought from "Tom's Tubes" years ago. Who else makes 4CX800A's?

I have had my 2000A for 7 or 8 years now with some fairly rough treatment (a few trips to Antigua as airline baggage) and use at numerous unsupervised
(me not there) multi-ops here in the states in every major contest over the entire time I have owned it.

Since the tubes are fairly cheap, it's no harm to have a set, but I think the vast majority of 2000A owners have not had any tube troubles.

73,

Bob W5OV

-----Original Message-----
From: Brian Alsop [mailto:alsopb@...]
Sent: Monday, March 26, 2007 7:32 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Good idea to buy spare tubes?

Bob,

My experience with the ACOM2000A tubes was just the opposite. The new
unit went back to ACOM three times. In each case it was tube failure.
It was a low serial number unit. Perhaps the tube QC issue was solved

in later units.

I suspect that Russian tubes were used. The replacement Russian tubes one can find might be no better.

73 de Brian/K3KO

Robert Naumann wrote:

1939. Re: Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 13:39:16 UTC
From: billdz.geo
Topic: 1933 Message: 1939

A couple of people have mentioned Tom's Tubes. I was sad to hear that Tom passsed away in 12/06. It appears that no one has carried on his business.

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> Brian,
>
> I'm sorry to hear you had that trouble, but I think yours was a unique
> experience. Did the tubes just fail due to defect or were they damaged in
> operation? Was an "autopsy" done?
>
> My tubes are all Svetlana - including the spare set I bought from "Tom's
> Tubes" years ago. Who else makes 4CX800A's?
>
> I have had my 2000A for 7 or 8 years now with some fairly rough treatment (a
> few trips to Antigua as airline baggage) and use at numerous unsupervised
> (me not there) multi-ops here in the states in every major contest over the
> entire time I have owned it.
>
> Since the tubes are fairly cheap, it's no harm to have a set, but I think
> the vast majority of 2000A owners have not had any tube troubles.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Brian Alsop [mailto:alsopb@...]
> Sent: Monday, March 26, 2007 7:32 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Good idea to buy spare tubes?
>
> Bob,
>
> My experience with the ACOM2000A tubes was just the opposite. The new
> unit went back to ACOM three times. In each case it was tube failure.
> It was a low serial number unit. Perhaps the tube QC issue was solved
> in later units.

>
> I suspect that Russian tubes were used. The replacement Russian tubes
> one can find might be no better.
>
> 73 de Brian/K3KO
>
> Robert Naumann wrote:
>
> >Bill,
> >
> >I think you should put the money in a CD or other investment instead.
> >
> >I bought a spare set of tubes for mine thinking it would be likely
that I
> >would need them, but the Acom is so well engineered that the tubes are
> >protected completely from damage.
> >
> >I'm still on my original set and my 2000A is one of the early ones.
> >
> >73,
> >
> >Bob W5OV
> >
> >-----Original Message-----
> >From: billdz.geo [mailto:billdz.geo@...]
> >Sent: Sunday, March 25, 2007 6:29 PM
> >To: acom-list@yahoogroups.com
> >Subject: [acom-list] Good idea to buy spare tubes?
> >
> >I was wondering if it would be a good idea to pick up a couple of
> >spare finals for my 2000a. Guess it's always nice to have extras if
> >needed in an emergency, and the ebay price is still relatively low,
> >about $250 for a matched pair, although the going price has gone up
> >substantially in the past couple of years.
> >
> >However, a few things give me pause:
> >* gettering - I know it is necessary, how difficult is this to do?
> >* testing - Is there a way to test the spares without removing the
> >existing finals from my amp?
> >* reliability - The inexpensive tubes are from Russian suppliers, and
> >there have been reports of people getting bad tubes. The lowest price
> >I have seen from a U.S. supplier (RF Parts) is $350 for one tube.
> >
> >Any thoughts?
> >73,
> >Bill NZ5N
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> >Yahoo! Groups Links
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> Yahoo! Groups Links
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1940. Re: Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 14:46:42 UTC
From: k1iig
Topic: 1933 Message: 1940

ALL,
I just had my tubes replaced as a result of the "low bias on startup" fault.
Acom first replaced a 47uf in the bias supply which has been a known cause of this fault which did not fix the fault. After that they changed the tubes and everything was ok at that point. Even though it was bought in 1999 I had very few hours on the tubes. Putting new tubes in requires you to follow an alignment procedure to balance them. Acom uses the Russian tubes. Acom in Medway MA is very helpful and I too hope they stick around for a long time.

Steve
K1IIG

--- In acom-list@yahoogroups.com, "Jim Idelson" <k1ir@...> wrote:
>
> In the old days, with traditional amplifier designs, we worried about keeping spare tubes because they did fail over time and they could become difficult to procure in a pinch. But, with this amp, things are different. Those tubes are well-protected and not hard to find. I think more about other FRUs (field replaceable units) that might fail and become difficult or impossible to acquire. Do you have a spare programmed digital control board? Stepper motor? Those are the kinds of things that worry me. I sure hope Acom is around for a long, long time.
>
> 73,
>
> 73 Jim Idelson K1IR
>
> -----Original Message-----
> From: "Robert Naumann" <W5OV@...>
> Date: Monday, Mar 26, 2007 8:00 am
> Subject: RE: [acom-list] Good idea to buy spare tubes?
>
> Brian,
>
> I'm sorry to hear you had that trouble, but I think yours was a unique experience. Did the tubes just fail due to defect or were they damaged in operation? Was an "autopsy" done?
>
> My tubes are all Svetlana - including the spare set I bought from "Tom's Tubes" years ago. Who else makes 4CX800A's?
>
> I have had my 2000A for 7 or 8 years now with some fairly rough

treatment (a few trips to Antigua as airline baggage) and use at
numerous unsupervised
> (me not there) multi-ops here in the states in every major contest
over the entire time I have owned it.
>
> Since the tubes are fairly cheap, it's no harm to have a set, but
I think the vast majority of 2000A owners have not had any tube
troubles.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Brian Alsop [mailto:alsopb@...]
> Sent: Monday, March 26, 2007 7:32 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Good idea to buy spare tubes?
>
> Bob,
>
> My experience with the ACOM2000A tubes was just the opposite. The
new
> unit went back to ACOM three times. In each case it was tube
failure.
> It was a low serial number unit. Perhaps the tube QC issue was
solved
> in later units.
>
> I suspect that Russian tubes were used. The replacement Russian
tubes
> one can find might be no better.
>
> 73 de Brian/K3KO
>
> Robert Naumann wrote:
>

1941. RE: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 13:54:43 UTC
From: bmarton
Topic: 1933 Message: 1941

Bob,

My 2000A is about 4 years old, and I had a tube failure in the first year of operation, with relatively low hours on the amp, and very light duty use. The amp started to fault out and not come on, so I called Krassy who said he thought it sounded like a bad tube. He ended up dropping in for a visit over a weekend and brought along several tubes to find a nice match, which he did. After installing the tubes, he set up all the voltage parameters for the amp by adjusting several pots and I was up and running.

So remember, one might not wish to just plug and play a new tube. There is some set up to be done too.

Bruce

K1XR

Now that is great customer service!

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Robert Naumann
Sent: Monday, March 26, 2007 8:59 AM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Good idea to buy spare tubes?

Brian,

I'm sorry to hear you had that trouble, but I think yours was a unique experience. Did the tubes just fail due to defect or were they damaged in operation? Was an "autopsy" done?

My tubes are all Svetlana - including the spare set I bought from "Tom's Tubes" years ago. Who else makes 4CX800A's?

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Since the tubes are fairly cheap, it's no harm to have a set, but I think the vast majority of 2000A owners have not had any tube troubles.

73,

Bob W5OV

-----Original Message-----
From: Brian Alsop [mailto:alsopb@.... <mailto:alsopb%40nc.rr.com> com]
Sent: Monday, March 26, 2007 7:32 AM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: Re: [acom-list] Good idea to buy spare tubes?

Bob,

My experience with the ACOM2000A tubes was just the opposite. The new
unit went back to ACOM three times. In each case it was tube failure.
It was a low serial number unit. Perhaps the tube QC issue was solved
in later units.

I suspect that Russian tubes were used. The replacement Russian tubes
one can find might be no better.

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Robert Naumann wrote:

>Bill,
>
>I think you should put the money in a CD or other investment instead.
>
>I bought a spare set of tubes for mine thinking it would be likely that I
>would need them, but the Acom is so well engineered that the tubes are
>protected completely from damage.
>
>I'm still on my original set and my 2000A is one of the early ones.
>
>73,
>
>Bob W5OV
>
>-----Original Message-----
>From: billdz.geo [mailto:billdz.geo@yahoo. <mailto:billdz.geo%40yahoo.com>
com]
>Sent: Sunday, March 25, 2007 6:29 PM
>To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
>Subject: [acom-list] Good idea to buy spare tubes?
>
>I was wondering if it would be a good idea to pick up a couple of
>spare finals for my 2000a. Guess it's always nice to have extras if
>needed in an emergency, and the ebay price is still relatively low,
>about $250 for a matched pair, although the going price has gone up
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>I have seen from a U.S. supplier (RF Parts) is $350 for one tube.
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>Bill NZ5N
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>Yahoo! Groups Links
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Yahoo! Groups Links

_____ NOD32 2145 (20070326) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

1942. RE: [acom-list] Good idea to buy spare tubes?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-26 15:57:35 UTC
From: Bob DeHaney
Topic: 1933 Message: 1942

And besides that, they are ALL Russian tubes. A GU74 (the Russian Type Number) goes for less than $100 in Europe. And the Russians used Gadzillions of them in their military equipment so I don't think they'll ever be rare.

73, Bob DJ0MBC/WU5T

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of bmarton
Sent: Montag, 26. März 2007 15:55
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Good idea to buy spare tubes?

Bob,

My 2000A is about 4 years old, and I had a tube failure in the first year of operation, with relatively low hours on the amp, and very light duty use. The amp started to fault out and not come on, so I called Krassy who said he thought it sounded like a bad tube. He ended up dropping in for a visit over a weekend and brought along several tubes to find a nice match, which he did. After installing the tubes, he set up all the voltage parameters for the amp by adjusting several pots and I was up and running.

So remember, one might not wish to just plug and play a new tube. There is some set up to be done too.

Bruce

K1XR

Now that is great customer service!

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Robert Naumann
Sent: Monday, March 26, 2007 8:59 AM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Good idea to buy spare tubes?

Brian,

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Bob W5OV

-----Original Message-----
From: Brian Alsop [mailto:alsopb@.... <mailto:alsopb%40nc.rr.com> com]
Sent: Monday, March 26, 2007 7:32 AM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: Re: [acom-list] Good idea to buy spare tubes?

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I suspect that Russian tubes were used. The replacement Russian tubes one can find might be no better.

73 de Brian/K3KO

Robert Naumann wrote:

>Bill,
>
>I think you should put the money in a CD or other investment instead.
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>I bought a spare set of tubes for mine thinking it would be likely that I
>would need them, but the Acom is so well engineered that the tubes are
>protected completely from damage.
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>I'm still on my original set and my 2000A is one of the early ones.
>
>73,
>
>Bob W5OV
>
>-----Original Message-----
>From: billdz.geo [mailto:billdz.geo@yahoo. <mailto:billdz.geo%40yahoo.com>
com]
>Sent: Sunday, March 25, 2007 6:29 PM
>To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com

>Subject: [acom-list] Good idea to buy spare tubes?
>
>I was wondering if it would be a good idea to pick up a couple of
>spare finals for my 2000a. Guess it's always nice to have extras if
>needed in an emergency, and the ebay price is still relatively low,
>about $250 for a matched pair, although the going price has gone up
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>However, a few things give me pause:
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>Yahoo! Groups Links
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Yahoo! Groups Links

_____ NOD32 2145 (20070326) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

Yahoo! Groups Links

1943. opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-03-31 21:22:41 UTC
From: k2hk_2000
Topic: 1943 Message: 1943

The recent posts about tubes broght this question to mind.
In the following common scenario I wonder which of the choices some of you choose.'You turn on your Acom 2000 and work a station then don't plan on using it for several hours'. Do you turn your amp off or do you allow it to idle? Which situation will preseve tube life better?
Howard..K2HK

1944. Re: [acom-list] opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 01:31:38 UTC
From: Sigismonti Ronald
Topic: 1943 Message: 1944

I believe tube life will be longer if you avoid as many startups from
a cold filament as possible. Tubes rarely fail while they are
running, but mostly during the cold startup.

That said, I do not keep mine running 24/7, but do shut down whenever
I close the station down. I know others that leave them on
continuously.

73 de Sig

On Mar 31, 2007, at 5:22 PM, k2hk_2000 wrote:

> The recent posts about tubes broght this question to mind.
> In the following common scenario I wonder which of the choices some of
> you choose.'You turn on your Acom 2000 and work a station then don't
> plan on using it for several hours'. Do you turn your amp off or do
> you allow it to idle? Which situation will preseve tube life better?
> Howard..K2HK
>
>
>

R. Sigismonti
n3rs@...

[Non-text portions of this message have been removed]

1945. Re: [acom-list] opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 02:17:34 UTC
From: Barry
Topic: 1943 Message: 1945

This question came up a few years ago and Krassy said it's better to
turn the amp off when not in use. I believe there is gradual voltage
buildup for the filaments.
Barry W2UP

Sigismonti Ronald wrote:
>
> I believe tube life will be longer if you avoid as many startups from
> a cold filament as possible. Tubes rarely fail while they are
> running, but mostly during the cold startup.
>
> That said, I do not keep mine running 24/7, but do shut down whenever
> I close the station down. I know others that leave them on
> continuously.
>
> 73 de Sig
>
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>
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> > you allow it to idle? Which situation will preseve tube life better?
> > Howard..K2HK
> >
> >
> >
>
> R. Sigismonti
> n3rs@... <mailto:n3rs%40verizon.net>
>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

1947. Re: opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 12:50:46 UTC
From: billdz.geo
Topic: 1943 Message: 1947

The 2000a manual says to shut off if you will not be using the amp for over 30 minutes. It even says to shut off the on/off switch on the amp itself, not just shut off with the RCU (when you shute off with RCU, the red light on the amp stays on). Anyone know why it is necessary to flip off the switch on the amp? Is there something that stays on (other than the red light) when you only shut off with the RCU?
73,
Bill NZ5N

--- In acom-list@yahoogroups.com, Barry <w2up@...> wrote:
>
> This question came up a few years ago and Krassy said it's better to
> turn the amp off when not in use. I believe there is gradual voltage
> buildup for the filaments.
> Barry W2UP
>
> Sigismonti Ronald wrote:
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> > > Howard..K2HK
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> >
> > R. Sigismonti
> > n3rs@... <mailto:n3rs%40verizon.net>
> >
> > [Non-text portions of this message have been removed]

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> [Non-text portions of this message have been removed]
>

1948. opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 13:37:17 UTC
From: Howard Klein
Topic: 1943 Message: 1948

Just to summarize the the responses to whether to let the Acom idle or switch off, the majority say they leave the amp on for hours, often for days. But as Barry pointed out Krassy's statement is to shut it down. I think the best advice is to follow the manufacturer's recommendation. I might just add I have done both over almost eight years (one of the first half dozen sold in the states) and my output has not changed. Seems like a pretty darn good design.
73,
Howard..K2HK

_____
It?s tax season, make sure to follow these few simple tips
http://articles.moneycentral.msn.com/Taxes/PreparationTips/PreparationTips.aspx?icid=HMMar
tagline

1949. Re: [acom-list] opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 14:30:13 UTC
From: William Beyer
Topic: 1943 Message: 1949

When I leave my station, I turn off and up-plug unit.

Last several years....

GREAT AMP.....2000A! 1000 and 1010.

Purchased the Acom 1010 for last expedition, on for two weeks, no problem
with any of the amps (4) with XT2C dxpedition.

73

Bill N2WB

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 01, 2007 9:37 AM
Subject: [acom-list] opinions wanted

> Just to summarize the the responses to whether to let the Acom idle or
> switch off, the majority say they leave the amp on for hours, often for
> days. But as Barry pointed out Krassy's statement is to shut it down. I
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> half dozen sold in the states) and my output has not changed. Seems like a
> pretty darn good design.
> 73,
> Howard..K2HK
>
> --
> It?s tax season, make sure to follow these few simple tips
> http://articles.moneycentral.msn.com/Taxes/PreparationTips/PreparationTips.aspx?icid=HMM
artagline
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> Yahoo! Groups Links
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1950. FWD: Re: [acom-list] opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 15:38:19 UTC
From: Jim Idelson
Topic: 1950 Message: 1950

With all the digital circuitry in these amps, I think Bill's approach is a good one. Lightning and power surges are insidious. Completely disconnecting radio gear is a really good way to go.

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

---------- Forwarded Message ----------

FROM: "William Beyer" <wbeyerjr@...>
TO: <acom-list@yahoogroups.com>
DATE: Sun, 1 Apr 2007 10:30:13 -0400

RE: Re: [acom-list] opinions wanted

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> days. But as Barry pointed out Krassy's statement is to shut it down. I
> think the best advice is to follow the manufacturer's recommendation. I
> might just add I have done both over almost eight years (one of the first
> half dozen sold in the states) and my output has not changed. Seems like a
> pretty darn good design.
> 73,
> Howard..K2HK
>
> --

> It?s tax season, make sure to follow these few simple tips
>
http://articles.moneycentral.msn.com/Taxes/PreparationTips/PreparationTips.aspx
?icid=HMMartagline
>
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> Yahoo! Groups Links
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Yahoo! Groups Links

1951. Re:opinions wanted

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-01 17:27:22 UTC
From: Hal Kennedy
Topic: 1943 Message: 1951

For contesting, both 2000A amps go on (SO2R here) an hour before the start of the contest and each amp is "auto-tuned" for each antenna. They then both stay on all 48 hours, even if I take a six hour nap along the way ;-).

For general DXing, the 'everyday' amp gets turned on when I hear something I need/want, and gets turned off only when I am convinced I will not be back near the radio for many hours. Typical on time is 4 hours a day.

One of my amps I bought from K4JA. It had been run hard, but under the same contest conditions as above - on for 48 at a time then off for weeks at a time. When Paul owned it, the tubes had to be replaced at 1500 hours. I then bought it and babied it by comparison and failed a set of tubes at about 2000 hours. I spoke to Tom at Tom's Tubes before he went SK and he said 3000-4000 hours was typical. These Svets do not have the life of the typical Eimac, but at 1/4 the price I am fully satisfied. My second amp has 3000 hours on it and the original tubes are still FB. It only gets run in 48 hour increments.

I just lost the blower bearings in the high-hours amp - it appears easy to replace.

Hal
N4GG

[Non-text portions of this message have been removed]

1952. Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-03 16:33:17 UTC
From: k2qmf@juno.com
Topic: 1952 Message: 1952

Hello All,

My 2000A has developed a problem and is not useable.

When I turn on the amp I get "MICROPROCESSOR CONFLICT"
and the "PROT" light comes on and the amp shuts off.

I notice that when I turn the amp on I do not hear the fan come on
as before!!

Any help or suggestion would be very much appreciated.

73,
Ted K2QMF

1953. Re: [acom-list] Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-03 17:16:09 UTC
From: Bob Naumann - W5OV
Topic: 1952 Message: 1953

The first thing I would check is the socketed chip inside the control
head for poor connection.

I'm not sure if that will resolve it, but it cannot hurt, and it is not
a major surgery.

> Hello All,
>
> My 2000A has developed a problem and is not useable.
>
> When I turn on the amp I get "MICROPROCESSOR CONFLICT"
> and the "PROT" light comes on and the amp shuts off.
>
> I notice that when I turn the amp on I do not hear the fan come on
> as before!!
>
> Any help or suggestion would be very much appreciated.
>
> 73,
> Ted K2QMF
>
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> Yahoo! Groups Links
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>

Bob Naumann - W5OV

1954. :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-04 16:22:01 UTC
From: npalex@bellsouth.net
Topic: 1954 Message: 1954

Ted,
The suggestion to open the remote control unit and reseat the Chip is a good idea. My 2000A began to have some squirrely readings and the amp did not function. Contacting ACOM in (MA) resulted in the suggestion to remove and replace the chip.

Contact "willy" he may have a procedure outline that will take you through the steps. If I saved mine I will send it to you.

Norm W4QN
==========

Acom 2000A Help Please
Posted by: "k2qmf@..." k2qmf@... k2qmf60
Tue Apr 3, 2007 9:35 am (PST)
Hello All,

My 2000A has developed a problem and is not useable.

When I turn on the amp I get "MICROPROCESSOR CONFLICT"
and the "PROT" light comes on and the amp shuts off.

I notice that when I turn the amp on I do not hear the fan come on
as before!!

Any help or suggestion would be very much appreciated.

73,
Ted K2QMF

Back to top
Reply to sender | Reply to group | Reply via web post
Messages in this topic (2)
1b.
Re: Acom 2000A Help Please
Posted by: "Bob Naumann - W5OV" W5OV@... bob_naumann
Tue Apr 3, 2007 10:18 am (PST)

The first thing I would check is the socketed chip inside the control
head for poor connection.

I'm not sure if that will resolve it, but it cannot hurt, and it is not
a major surgery.

Regards,
Norm

1955. Re: :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-04 18:34:16 UTC
From: k1iig
Topic: 1954 Message: 1955

Ted,

I had a problem years ago with the controller and found that the cable connector inside the controller had loosened up. I reseated it and all was well. PLEASE BE CAREFUL TO NOT FLIP THE CONNECTOR, IT IS NOT KEYED AND WILL GO IN EITHER WAY. Will is very helpful on all the problems.

Steve
K1IIG

> Ted,
> The suggestion to open the remote control unit and reseat the Chip is a good idea. My 2000A began to have some squirrely readings and the amp did not function. Contacting ACOM in (MA) resulted in the suggestion to remove and replace the chip.
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> Contact "willy" he may have a procedure outline that will take you through the steps. If I saved mine I will send it to you.
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> Posted by: "k2qmf@..." k2qmf@... k2qmf60
> Tue Apr 3, 2007 9:35 am (PST)
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> and the "PROT" light comes on and the amp shuts off.
>
> I notice that when I turn the amp on I do not hear the fan come on
> as before!!
>
> Any help or suggestion would be very much appreciated.
>
> 73,
> Ted K2QMF
>
>
> Back to top
> Reply to sender | Reply to group | Reply via web post
> Messages in this topic (2)
> 1b.

> Re: Acom 2000A Help Please
> Posted by: "Bob Naumann - W5OV" W5OV@... bob_naumann
> Tue Apr 3, 2007 10:18 am (PST)
>
> The first thing I would check is the socketed chip inside the
control
> head for poor connection.
>
> I'm not sure if that will resolve it, but it cannot hurt, and it
is not
> a major surgery.
>
>
> Regards,
> Norm
>

1956. RE: [acom-list] Re: :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-06 04:50:20 UTC
From: Robert Naumann
Topic: 1954 Message: 1956

Ted - what have you found out?

-----Original Message-----
From: k1iig [mailto:stephen.tripp@...]
Sent: Wednesday, April 04, 2007 1:34 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: :Acom 2000A Help Please

Ted,

I had a problem years ago with the controller and found that the cable connector inside the controller had loosened up. I reseated it and all was well. PLEASE BE CAREFUL TO NOT FLIP THE CONNECTOR, IT IS NOT KEYED AND WILL GO IN EITHER WAY. Will is very helpful on all the problems.

Steve
K1IIG

> Ted,
> The suggestion to open the remote control unit and reseat the Chip is a good idea. My 2000A began to have some squirrely readings and the amp did not function. Contacting ACOM in (MA) resulted in the suggestion to remove and replace the chip.
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> Contact "willy" he may have a procedure outline that will take you through the steps. If I saved mine I will send it to you.
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> Norm W4QN
> ==========
>
> Acom 2000A Help Please
> Posted by: "k2qmf@..." k2qmf@... k2qmf60
> Tue Apr 3, 2007 9:35 am (PST)
> Hello All,
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> My 2000A has developed a problem and is not useable.
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> When I turn on the amp I get "MICROPROCESSOR CONFLICT"
> and the "PROT" light comes on and the amp shuts off.
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> I notice that when I turn the amp on I do not hear the fan come on
> as before!!
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> Any help or suggestion would be very much appreciated.
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> 73,
> Ted K2QMF
>
>
> Back to top
> Reply to sender | Reply to group | Reply via web post
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> 1b.
> Re: Acom 2000A Help Please
> Posted by: "Bob Naumann - W5OV" W5OV@... bob_naumann
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> The first thing I would check is the socketed chip inside the
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> I'm not sure if that will resolve it, but it cannot hurt, and it
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> a major surgery.
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>
> Regards,
> Norm
>

Yahoo! Groups Links

1957. Re: [acom-list] Re: :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-06 14:24:21 UTC
From: k2qmf@juno.com
Topic: 1954 Message: 1957

Hello Bob, et al,

I am still troubleshooting the "MICROPROCESSOR CONFLICT" problem.

I tried reseating the EPROM and checked all connectors and wires. All is okay
but the problem still exists!!
I have been in touch with Stan at Acom via E-mail and he has suggested some
voltage and resistance checks which I am doing now.
The problem looks like it is on the Microprocessor board inside the 2000A!
Will called me and suggested sending him the amp and RCU.
I will keep the group informed as to my progress!

It had to happen now that N8S is up and running!!

Happy Easter to All,
73,
Ted K2QMF

On Thu, 5 Apr 2007 23:50:20 -0500 "Robert Naumann" <W5OV@...>
writes:
>
> Ted - what have you found out?
>
> -----Original Message-----
> From: k1iig [mailto:stephen.tripp@...]
> Sent: Wednesday, April 04, 2007 1:34 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: :Acom 2000A Help Please
>
> Ted,
>
> I had a problem years ago with the controller and found that the
> cable connector inside the controller had loosened up. I reseated it
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> and all was well. PLEASE BE CAREFUL TO NOT FLIP THE CONNECTOR, IT
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> NOT KEYED AND WILL GO IN EITHER WAY. Will is very helpful on all the
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> problems.
>
> Steve
> K1IIG
>

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> > Ted,
> > The suggestion to open the remote control unit and reseat the Chip
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> the amp did not function. Contacting ACOM in (MA) resulted in the
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> > Norm W4QN
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> > Acom 2000A Help Please
> > Posted by: "k2qmf@..." k2qmf@... k2qmf60
> > Tue Apr 3, 2007 9:35 am (PST)
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> > When I turn on the amp I get "MICROPROCESSOR CONFLICT"
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> > as before!!
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> > Any help or suggestion would be very much appreciated.
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> > Re: Acom 2000A Help Please
> > Posted by: "Bob Naumann - W5OV" W5OV@... bob_naumann
> > Tue Apr 3, 2007 10:18 am (PST)
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> Yahoo! Groups Links
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1958. Re: [acom-list] Re: :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-06 18:34:55 UTC
From: k2qmf@juno.com
Topic: 1954 Message: 1958

EUREKA !!!!

With the help of Stan at Acom I have located and corrected the
Microprocessor Conflict problem!

It was a bad Ceramic Capacitor on the "Central Processor Unit" board
inside
the amp itself. It was C6 which is a 22nF / 50V Cap.
A big job to replace but if one takes their time it can be done. :-)

Now on to N8S...

73 and Happy Easter / Happy Passover to all....

Ted K2QMF

On Fri, 6 Apr 2007 10:24:21 -0400 k2qmf@... writes:
> Hello Bob, et al,
>
> I am still troubleshooting the "MICROPROCESSOR CONFLICT" problem.
>
> I tried reseating the EPROM and checked all connectors and wires.
> All is
> okay
> but the problem still exists!!
> I have been in touch with Stan at Acom via E-mail and he has
> suggested
> some
> voltage and resistance checks which I am doing now.
> The problem looks like it is on the Microprocessor board inside the
> 2000A!
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> I will keep the group informed as to my progress!
>
> It had to happen now that N8S is up and running!!
>
> Happy Easter to All,
> 73,
> Ted K2QMF
>
> On Thu, 5 Apr 2007 23:50:20 -0500 "Robert Naumann" <W5OV@...>
> writes:
> >
> > Ted - what have you found out?
> >
> > -----Original Message-----

> > From: k1iig [mailto:stephen.tripp@...]
> > Sent: Wednesday, April 04, 2007 1:34 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: :Acom 2000A Help Please
> >
> > Ted,
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> > I had a problem years ago with the controller and found that the
> > cable connector inside the controller had loosened up. I reseated
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> > > Norm W4QN
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> > > Acom 2000A Help Please
> > > Posted by: "k2qmf@..." k2qmf@... k2qmf60
> > > Tue Apr 3, 2007 9:35 am (PST)
> > > Hello All,
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> > > When I turn on the amp I get "MICROPROCESSOR CONFLICT"
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> > > as before!!
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> > > Any help or suggestion would be very much appreciated.
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> > > Back to top
> > > Reply to sender | Reply to group | Reply via web post
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> > > 1b.
> > > Re: Acom 2000A Help Please
> > > Posted by: "Bob Naumann - W5OV" W5OV@... bob_naumann
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1959. RE: [acom-list] Re: :Acom 2000A Help Please

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-06 21:50:25 UTC
From: Robert Naumann
Topic: 1954 Message: 1959

Congrats Ted!

I worked N8S with my 2000A easily on 20 CW Wednesday morning. Good operators
on this DXpedition.

73,

Bob W5OV

P.S. I am selling my Acom 1000 - please email me direct if anyone is
interested.

-----Original Message-----
From: k2qmf@... [mailto:k2qmf@...]
Sent: Friday, April 06, 2007 1:35 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: :Acom 2000A Help Please

EUREKA !!!!

With the help of Stan at Acom I have located and corrected the
Microprocessor Conflict problem!

It was a bad Ceramic Capacitor on the "Central Processor Unit" board
inside
the amp itself. It was C6 which is a 22nF / 50V Cap.
A big job to replace but if one takes their time it can be done. :-)

Now on to N8S...

73 and Happy Easter / Happy Passover to all....

Ted K2QMF

On Fri, 6 Apr 2007 10:24:21 -0400 k2qmf@... writes:
> Hello Bob, et al,
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> I am still troubleshooting the "MICROPROCESSOR CONFLICT" problem.
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> I tried reseating the EPROM and checked all connectors and wires.
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> okay
> but the problem still exists!!
> I have been in touch with Stan at Acom via E-mail and he has
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> voltage and resistance checks which I am doing now.

> The problem looks like it is on the Microprocessor board inside the
> 2000A!
> Will called me and suggested sending him the amp and RCU.
> I will keep the group informed as to my progress!
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> It had to happen now that N8S is up and running!!
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> Happy Easter to All,
> 73,
> Ted K2QMF
>
> On Thu, 5 Apr 2007 23:50:20 -0500 "Robert Naumann" <W5OV@...>
> writes:
> >
> > Ted - what have you found out?
> >
> > -----Original Message-----
> > From: k1iig [mailto:stephen.tripp@...]
> > Sent: Wednesday, April 04, 2007 1:34 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: :Acom 2000A Help Please
> > >
> > Ted,
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> > I had a problem years ago with the controller and found that the
> > cable connector inside the controller had loosened up. I reseated
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> > > Ted,
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> > > Norm W4QN
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> > > Posted by: "k2qmf@..." k2qmf@... k2qmf60
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> > > When I turn on the amp I get "MICROPROCESSOR CONFLICT"
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Yahoo! Groups Links

1960. Turning off the ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 03:15:37 UTC
From: billdz.geo
Topic: 1960 Message: 1960

Asked this a week or so and did not get an answer: When you turn off the amp with the RCU, the red light on the amp continues to shine. Tha manual recommends turning off this light with the amp's off/on switch if the amp will not be used for 30 minutes or more.

Just wondering what is still "on" when the amp is turned off with the RCU and the light is still on. Is only the light on, or is there an active circuit?

73,
Bill NZ5N

1962. Re: [acom-list] Turning off the ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 14:23:44 UTC
From: Bill NY9H
Topic: 1960 Message: 1962

> Is only the light on, or is there an
>active circuit?

It's like a TV set , even when it's off , it; s on,.,,,

at least the control circuitry,,,as it's still driving the
remote and listening for commands from the remote.

bill

1963. RE: [acom-list] Turning off the ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 15:02:27 UTC
From: Robert Naumann
Topic: 1960 Message: 1963

Yes - certain portions of the low voltage power supply that runs the CPU is "on". The HV is off.

-----Original Message-----
From: Bill NY9H [mailto:ny9h@...]
Sent: Sunday, April 08, 2007 9:24 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Turning off the ACOM 2000a

> Is only the light on, or is there an
>active circuit?

It's like a TV set , even when it's off , it; s on,.,,,

at least the control circuitry,,,as it's still driving the
remote and listening for commands from the remote.

bill

Yahoo! Groups Links

1964. FW: [acom-list] optional Fan installation instruction ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 16:30:27 UTC
From: Maximo EA1DDO/HK1DX
Topic: 1964 Message: 1964

Hi Yann,I did it some time ago. I don´t have any special instructions. You need to buy a standard size fan to 24 VDC (yes, 24 VDC, don´t 12). You need 4 screw around to fix the fan to the amp enclosure. After remove the amp cover, you have to remove the filter on the back of the amp then you get a clean hole just to fix the new fan in the outher side of the enclosure (outside, don´t inside). There is a small piece of PCB to solder the fan cables. You can attach the filter to the other side of the new fan. Before install the fan be shure the correct polarity to move the air from OUTSIDE to INSIDE. The new fan works automatically when the inside temperature goes above 80 degrees (aproximatelly).73, Maximo - EA1DDO.PD. Try to get a good quality fan, I mean, aluminium frame and ball bearing.To: acom-list@yahoogroups.comFrom: f5nbu@...: Sun, 8 Apr 2007 12:48:21 +0000Subject: [acom-list] optional Fan installation instruction ACOM 2000A

hello
i want to installe a optional Fan
somebody has the installation instrution, to know or to connect it
best 73
Yann - F5NBU

_____
¡Ya está aquí Windows Live Spaces! Ahora podrás crear fácilmente tu propio sitio Web.
http://spaces.live.com/signup.aspx

[Non-text portions of this message have been removed]

1966. Re:Turning off the ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 18:32:51 UTC
From: npalex@bellsouth.net
Topic: 1960 Message: 1966

Bill,
At a minimum the low voltage power supply has to be on to provide power to the RCU, so it will function and also to power the unit red light, etc.

This is a common approach to many products (TV the most notable) including my IC 7800 has a main on-off switch on the rear panel, not very convenient in some installations I am sure. But always shut that down when not in the shack. Just one more step of isolation from power surges that can be frequent here in Florida.

Regards,
Norm

1967. Re: [acom-list] optional Fan installation instruction ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 21:21:11 UTC
From: Gia Gvaladze
Topic: 1967 Message: 1967

Yann
Here we go
73
Gia 4L4WW

"f5nbu.hamradio" <f5nbu@...> wrote:
hello
i want to installe a optional Fan
somebody has the installation instrution, to know or to connect it
best 73
Yann - F5NBU

We won't tell. Get more on shows you hate to love
(and love to hate): Yahoo! TV's Guilty Pleasures list.

[Non-text portions of this message have been removed]

1968. Re: [acom-list] optional Fan installation instruction ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 21:31:27 UTC
From: Gia Gvaladze
Topic: 1967 Message: 1968

now with photo
73!
Gia 4L4WW

Gia Gvaladze <gvaladzg@...> wrote:
Yann
Here we go
73
Gia 4L4WW

"f5nbu.hamradio" <f5nbu@...> wrote:
hello
i want to installe a optional Fan
somebody has the installation instrution, to know or to connect it
best 73
Yann - F5NBU

We won't tell. Get more on shows you hate to love
(and love to hate): Yahoo! TV's Guilty Pleasures list.

[Non-text portions of this message have been removed]

Expecting? Get great news right away with email Auto-Check.
Try the Yahoo! Mail Beta.

[Non-text portions of this message have been removed]

1969. 2000A External Fan Installation

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-08 23:14:00 UTC
From: Jerry
Topic: 1969 Message: 1969

Courtesy of Gia 4L4WW I have just installed installation instructions for the fan as EXTFAN.DOC in the FILES section. Also see "2000A Ext Fan Connection: in the PHOTOS section showing where the the fan connections are to be made.

Thanks, Gia.

Jerry N8BM

1970. RE: [acom-list] optional Fan installation instruction ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-09 09:30:13 UTC
From: Maximo EA1DDO/HK1DX
Topic: 1967 Message: 1970

Hi Yann,Yes, there is a small PCB just under the fan hole. It says "EXT FAN" and the + and - for fan polarity connections.Now there is a nice installation instruction document and picture on the Yahoo Groups folder (Files and Photos folders);http://groups.yahoo.com/group/acom-list/http://f1.grp.yahoofs.com/v1/kAAaRsTXF_a6HdfKG4Q5nNMj-8JApGgBXjDsqsYj4PDZ4LapARDBr0hN4QrOqYjKIzVNjPaMli7G95Pg0xeA84MF9bCIZKM9/EXTFAN.DOChttp://f9g.yahoofs.com/groups/g_1187256/aa17/__sr_/72b0.jpg?grwIkGGB2Zjgd2iv73, Maximo - EA1DDO.To: acom-list@yahoogroups.comFrom: f5nbu@...: Sun, 8 Apr 2007 16:42:53 +0000Subject: Re: FW: [acom-list] optional Fan installation instruction ACOM 2000A

all ok Maximo
tnx for all information the located for solder the wire fan is on the PCB ?
73

-- In acom-list@yahoogroups.com, Maximo EA1DDO/HK1DX <ea1ddo@...> wrote:
>
>
>
>
>
> Hi Yann,I did it some time ago. I don´t have any special instructions. You need to buy a standard size fan to 24 VDC (yes, 24 VDC, don´t 12). You need 4 screw around to fix the fan to the amp enclosure. After remove the amp cover, you have to remove the filter on the back of the amp then you get a clean hole just to fix the new fan in the outher side of the enclosure (outside, don´t inside). There is a small piece of PCB to solder the fan cables. You can attach the filter to the other side of the new fan. Before install the fan be shure the correct polarity to move the air from OUTSIDE to INSIDE. The new fan works automatically when the inside temperature goes above 80 degrees (aproximatelly).73, Maximo - EA1DDO.PD. Try to get a good quality fan, I mean, aluminium frame and ball bearing.To: acom-list@...: f5nbu@...: Sun, 8 Apr 2007 12:48:21 +0000Subject: [acom-list] optional Fan installation instruction ACOM 2000A
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> hello
> i want to installe a optional Fan
> somebody has the installation instrution, to know or to connect it
> best 73
> Yann - F5NBU
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> _____
> ¡Ya está aquí Windows Live Spaces! Ahora podrás crear fácilmente tu
propio sitio Web.
> http://spaces.live.com/signup.aspx
>
> [Non-text portions of this message have been removed]
>

_____
¡Ya está aquí Windows Live Spaces! Ahora podrás crear fácilmente tu propio sitio Web.
http://spaces.live.com/signup.aspx

[Non-text portions of this message have been removed]

1971. Re: 2000A External Fan Installation

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-09 13:03:37 UTC
From: f5nbu.hamradio
Topic: 1969 Message: 1971

Hello Gia
tnx for all
great job !

73
Yann

--- In acom-list@yahoogroups.com, "Jerry" <jerry.van@...> wrote:
>
> Courtesy of Gia 4L4WW I have just installed installation instructions
> for the fan as EXTFAN.DOC in the FILES section. Also see "2000A Ext
> Fan Connection: in the PHOTOS section showing where the the fan
> connections are to be made.
>
> Thanks, Gia.
>
> Jerry N8BM
>

1972. Low receive strength

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-12 00:25:15 UTC
From: Neal Campbell
Topic: 1972 Message: 1972

Hi all

Today I turned on my 2000A after a few months of idleness. After the warm-up period, when I went from standby to operational, the reception signal strength just disappeared. S9 signals no longer there at all.

The amp itself seems to output at full power (at least according to the remote.

Any ideas? The problem persists after a power recycle.

73
Neal

1973. AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-12 20:18:37 UTC
From: billdz.geo
Topic: 1973 Message: 1973

I'm having a strange problem today bit it's not the ACOM's fault. After warm up, the yellow Heater light was flashing, and the amp would not turn on. Investigation revealed that the Mains voltage was 264v and the filament voltage at 14.0v. As suggested by the manual, I went into the Off Menu and reset Mains Voltage to High, but the problem persisted.

I called Will at ACOM, who advised that the Mains Voltage control is not capable of dealing with a voltage that high, it should be about 240v, not 264v. He suggested I call the power company, which I did, and they said they would send someone over, but it could take up to 24 hours. In the meantime, I'm off the air, probably not a good idea to be running any appliances with the voltage so high.

Wonder if anyone has ever had a similar problem. I've lost power plenty of times, but this is the first time I've ever had too much power.

73,
Bill NZ5N

1974. Re: [acom-list] AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-12 20:29:07 UTC
From: Barry
Topic: 1973 Message: 1974

Happened to me a number of years ago. Had the power company's "voltage investigator" here and he hooked up a recording voltmeter for 24 h to my mains box. Confirmed the overvoltage, made some calls, and things were fixed within a few days. He also told me if any electrical appliance blew recently or blow within a month or so, file a claim and they would pay it.
Barry W2UP

billdz.geo wrote:
>
> I'm having a strange problem today bit it's not the ACOM's fault.
> After warm up, the yellow Heater light was flashing, and the amp would
> not turn on. Investigation revealed that the Mains voltage was 264v
> and the filament voltage at 14.0v. As suggested by the manual, I went
> into the Off Menu and reset Mains Voltage to High, but the problem
> persisted.
>
> I called Will at ACOM, who advised that the Mains Voltage control is
> not capable of dealing with a voltage that high, it should be about
> 240v, not 264v. He suggested I call the power company, which I did,
> and they said they would send someone over, but it could take up to 24
> hours. In the meantime, I'm off the air, probably not a good idea to
> be running any appliances with the voltage so high.
>
> Wonder if anyone has ever had a similar problem. I've lost power
> plenty of times, but this is the first time I've ever had too much power.
>
> 73,
> Bill NZ5N
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

1975. Re: [acom-list] AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-12 22:32:28 UTC
From: Bill NY9H
Topic: 1973 Message: 1975

my heater led has been indicating the same ,,,,occasionally
the line is rising just into the bottom of the "warning" range....
not frequently.... but enough to suggest a call to the utility....

thanks barry for the idea,,,,, i would have thought they have little
control over that...
but definitely worth the call.....
(not that the power company isn't mad at me enough already....

bill ny9h

1976. RE: [acom-list] AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-13 00:43:57 UTC
From: Howard Klein
Topic: 1973 Message: 1976

I had a similiar situation. The power company came out within an hour and changed a pole transformer in middle of a snow storm. Was having some strange things happening like light bulbs blowing in a week. I might not have known until some big trouble if the ACOM didn't alert me.
Another and undocumented feature of the ACOM.
Howard..K2HK

----Original Message Follows----
From: "billdz.geo" <billdz.geo@...>
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: [acom-list] AC voltage too high and ACOM won't work
Date: Thu, 12 Apr 2007 20:18:37 -0000

I'm having a strange problem today bit it's not the ACOM's fault.
After warm up, the yellow Heater light was flashing, and the amp would not turn on. Investigation revealed that the Mains voltage was 264v and the filament voltage at 14.0v. As suggested by the manual, I went into the Off Menu and reset Mains Voltage to High, but the problem persisted.

I called Will at ACOM, who advised that the Mains Voltage control is not capable of dealing with a voltage that high, it should be about 240v, not 264v. He suggested I call the power company, which I did, and they said they would send someone over, but it could take up to 24 hours. In the meantime, I'm off the air, probably not a good idea to be running any appliances with the voltage so high.

Wonder if anyone has ever had a similar problem. I've lost power plenty of times, but this is the first time I've ever had too much power.

73,
Bill NZ5N

Yahoo! Groups Links

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1977. Re: AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-13 01:11:34 UTC
From: billdz.geo
Topic: 1973 Message: 1977

Thanks for the replies, it dropped to 249v before the power company even got here and the amp is working again, don't know what happened. The power guy came by later, he also read 249v, and said the higher voltage might have been a bad regulator at the substation. Just as Barry said, the guy told me they would pay if the extra voltage damaged anything. And as Howard said, would not have even known there was a problem but for the ACOM.

Filament voltage when it was 265v was 14.0v. Now it is 13.1v. Is that close enough to the normal 12.6v?

--- In acom-list@yahoogroups.com, "Howard Klein" <howk2@...> wrote:
>
> I had a similiar situation. The power company came out within an hour and
> changed a pole transformer in middle of a snow storm. Was having some
> strange things happening like light bulbs blowing in a week. I might not
> have known until some big trouble if the ACOM didn't alert me.
> Another and undocumented feature of the ACOM.
> Howard..K2HK
>
> ----Original Message Follows----
> From: "billdz.geo" <billdz.geo@...>
> Reply-To: acom-list@yahoogroups.com
> To: acom-list@yahoogroups.com
> Subject: [acom-list] AC voltage too high and ACOM won't work
> Date: Thu, 12 Apr 2007 20:18:37 -0000
>
> I'm having a strange problem today bit it's not the ACOM's fault.
> After warm up, the yellow Heater light was flashing, and the amp would
> not turn on. Investigation revealed that the Mains voltage was 264v
> and the filament voltage at 14.0v. As suggested by the manual, I went
> into the Off Menu and reset Mains Voltage to High, but the problem
> persisted.
>
> I called Will at ACOM, who advised that the Mains Voltage control is
> not capable of dealing with a voltage that high, it should be about
> 240v, not 264v. He suggested I call the power company, which I did,
> and they said they would send someone over, but it could take up to 24
> hours. In the meantime, I'm off the air, probably not a good idea to
> be running any appliances with the voltage so high.
>
> Wonder if anyone has ever had a similar problem. I've lost power
> plenty of times, but this is the first time I've ever had too much

power.
>
> 73,
> Bill NZ5N
>
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> Yahoo! Groups Links
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>
> _____
> Can't afford to quit your job? ☐ Earn your AS, BS, or MS degree
online in 1
> year.
>
http://www.classesusa.com/clickcount.cfm?id=866145&goto=http%3A%2F%2Fwww.classesusa.com%2Ffeaturedschools%2Fonlinedegreesmp%2Fform-dyn1.html%3Fsplovr%3D866143
>

1978. Re: AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-13 16:12:29 UTC
From: Hal Kennedy
Topic: 1973 Message: 1978

I also had this happen last summer. The amps would run, but they were both blinking their "filament voltage too high" message. If I recall the line voltage was around 260VAC. I called the power company and they very politely told me their "requirement" per my customer agreement was 240VAC +/- 10 %, so I could see up to 264VAC without their having to do anything. Oddly, this happened on one of the hottest days of the year with everyone running their air conditioners - but the power company said that's when they usually crank it up to "meet the demand and avoid brownouts."

Within a day it was back to its usual 248VAC here and it has not happened since. 264VAC is too high for most equipment, not just the ACOMs!

Hal
N4GG

[Non-text portions of this message have been removed]

1979. Re: [acom-list] Re: AC voltage too high and ACOM won't work

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-13 18:39:01 UTC
From: Wösten
Topic: 1973 Message: 1979

At 18:12 13-4-2007, you wrote:

>I also had this happen last summer. The amps would run, but they were both
>blinking their "filament voltage too high" message. If I recall the line
>voltage was around 260VAC. I called the power company and they very
>politely told me their "requirement" per my customer agreement was 240VAC
>+/- 10 %, so I could see up to 264VAC without their having to do anything.
>Oddly, this happened on one of the hottest days of the year with everyone
>running their air conditioners - but the power company said that's when they
>usually crank it up to "meet the demand and avoid brownouts."
>
>Within a day it was back to its usual 248VAC here and it has not happened
>since. 264VAC is too high for most equipment, not just the ACOMs!

I remember rebuilding a Kenwood TL 922, one of the problems in this amp is
overvoltage on the filaments of both 3-500Z Eimacs.

It should be 5,0 Volt and it actually was 5,8 causing tube life MTBF
to 30% max of normal.

So running those filaments on high voltage is a major problem, one
should avoid this.

Eric PA3CEV

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 269.4.0/759 - Release Date: 12-4-2007 19:58

1980. an good idea ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-14 09:09:32 UTC
From: Hans , PA3HGT
Topic: 1980 Message: 1980

I sent this email to Acom :

Hello,

I owned a Acom 1000 and a Acom 2000.
I sold the Acom 2000 because i have no possebilities for 3 year to do
the HAM-hobby.
The Acom 2000 is very good amplifier but i miss the feeling of
tuningknobs like the 1000.
I like to tune the amp for myself and not automatic.
The power of the Acom 1000 is bit to little for me and the power of
the 2000 is enough for me but the prizedifference is very big.
Is it not a good idea to develop a model between the 2000 and the 1000
with manual tuning with 2 times GU74B ?
You will get almost the power of a 2000 like OMpower en Alpha does
with their OM power 2500 and the Aplha 8100.
And you will fill up the prizegap between the 1000 and the 2000.
And Alpha and OMpower has a competitor in their class,specially OMpower.

Met vriendelijke groet,

Hans Pluijgers
PA3HGT

www.pa3hgt.nl

What's is your opinion ?

Sorry for me English , it's not that good,HI.

HAns

1983. RE: [acom-list] Re: Optional FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 13:25:35 UTC
From: Robert Naumann
Topic: 1983 Message: 1983

On my 2000A, the extra fan only turns on when the amplifier gets too hot.
Then the fan cools the amplifier down very quickly and then the fan shuts
off.

73,

Bob W5OV

-----Original Message-----
From: f5nbu.hamradio [mailto:f5nbu@...]
Sent: Saturday, April 21, 2007 8:01 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Optional FAN

--- In acom-list@yahoogroups.com, "f5nbu.hamradio" <f5nbu@...> wrote:
>
> Hello
> I installed a fan 24 v cd.
> to the starting of the amplifier it does not turn!
> it must run when the temperature is low?
> best 73
> Yann - F5NBU
>

It was on Acom 2000A

Yahoo! Groups Links

1985. RE: [acom-list] Re: Optional FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 17:39:42 UTC
From: Pat Twentythree
Topic: 1983 Message: 1985

My optional fan runs all the time,(2000A about 1 1/2 years old) not very fast but it is turning steady and the amplifier never gets hot at all. I have never seen my temperature go more than half scale no matter how I am running the amplifier.

73,
Pat W1KA

Robert Naumann <W5OV@...> wrote:
On my 2000A, the extra fan only turns on when the amplifier gets too hot.
Then the fan cools the amplifier down very quickly and then the fan shuts
off.

73,

Bob W5OV

-----Original Message-----
From: f5nbu.hamradio [mailto:f5nbu@...]
Sent: Saturday, April 21, 2007 8:01 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Optional FAN

--- In acom-list@yahoogroups.com, "f5nbu.hamradio" <f5nbu@...> wrote:
>
> Hello
> I installed a fan 24 v cd.
> to the starting of the amplifier it does not turn!
> it must run when the temperature is low?
> best 73
> Yann - F5NBU
>

It was on Acom 2000A

Yahoo! Groups Links

Ahhh...imagining that irresistible "new car" smell?
Check outnew cars at Yahoo! Autos.

[Non-text portions of this message have been removed]

1986. RE: [acom-list] Re: Optional FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 18:04:09 UTC
From: Bill NY9H
Topic: 1983 Message: 1986

At 12:39 PM 4/21/2007, you wrote:
>My optional fan runs all the time,(2000A about 1 1/2 years old)

me too.....

bill ny9h

1987. RE: [acom-list] Re: Optional FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 19:56:42 UTC
From: Robert Naumann
Topic: 1983 Message: 1987

I recall that there are two ways to connect it.

I can't get to my manual right now to provide details.

-----Original Message-----
From: Bill NY9H [mailto:ny9h@...]
Sent: Saturday, April 21, 2007 1:04 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Optional FAN

At 12:39 PM 4/21/2007, you wrote:
>My optional fan runs all the time,(2000A about 1 1/2 years old)

me too.....

bill ny9h

Yahoo! Groups Links

1988. Re: [acom-list] Re: Optional FAN

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 20:06:21 UTC
From: Mel Whitten
Topic: 1983 Message: 1988

yes, mine also... very slow until needed, which is rare. But I recommend it for multi-carrier/OFDM modes as found in Digital voice where the crest factor can sneek up on you and warm the tubes up very quickly.. I installed a very good filter to minimize contamination which I know ACOM is quite concerned about for those who add this fan.

Fan works fine, probably last a long time and won't rust. :-)

Mel
k0pfx

----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com
Sent: Saturday, April 21, 2007 1:04 PM
Subject: RE: [acom-list] Re: Optional FAN

At 12:39 PM 4/21/2007, you wrote:
>My optional fan runs all the time,(2000A about 1 1/2 years old)

me too.....

bill ny9h

[Non-text portions of this message have been removed]

1989. 2000A optional fan

Yahoo group: acom-list (1999 — 2009)
Date: 2007-04-21 20:38:47 UTC
From: Jerry
Topic: 1989 Message: 1989

With all of this discussion about the optional fan for the 2000A recently I'm wondering about the specs for the fan. I understand that a 119mm x 119mm, 24VDC fan is required. These kinds of fans are readily available from different manufacturers. Assuming the amp owner would like to obtain one on their own would any of the owner's of the Acom supplied fan care to share any of the specs that may be inscribed on the fan? Who manufactured the fan, manufacturers part number, what is its thickness, speed, CFM output, back pressure rating, etc.?

Jerry N8BM

1990. ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-01 16:40:41 UTC
From: Kelly Johnson
Topic: 1310 Message: 1990

What does "ARC Fault" mean? In my case, it appears to either mean a SHORT in my coax or an OPEN. Which is it? I suspect, the problem is a bad PL-259 solder connection but would like to narrow the problem down further before climbing the tower.

It sounds like an OPEN, because signals are dying just before and/or after the ARC fault suggesting a bad connection sonewhere. Sound right?

1991. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 12:08:04 UTC
From: Robert Naumann
Topic: 1310 Message: 1991

Kelly,

If you had a short, it would fail constantly. An arc is just what it says - a breakdown of insulation somewhere.

You should not assume that it is up the tower. It can be anywhere - starting right at the output of your amplifier.

Swap out things to isolate the arc.

-Bob

-----Original Message-----
From: Kelly Johnson [mailto:n6kj.kelly@...]
Sent: Tuesday, May 01, 2007 11:41 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ARC Fault

What does "ARC Fault" mean? In my case, it appears to either mean a SHORT in my coax or an OPEN. Which is it? I suspect, the problem is a bad PL-259 solder connection but would like to narrow the problem down further before climbing the tower.

It sounds like an OPEN, because signals are dying just before and/or after the ARC fault suggesting a bad connection sonewhere. Sound right?

Yahoo! Groups Links

1992. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 13:05:53 UTC
From: Bill Dzurilla
Topic: 1310 Message: 1992

Does the arc fault occur on SSB or only on CW and
other continuous carrier modes? If the latter, the
problem may be a "hot start" caused by the generation
of RF from the transceiver before the relay closes.
The relay needs to be closed before RF is applied.
73,
Bill NZ5N
--- Robert Naumann <W5OV@...> wrote:

> Kelly,
>
> If you had a short, it would fail constantly. An arc
> is just what it says -
> a breakdown of insulation somewhere.
>
> You should not assume that it is up the tower. It
> can be anywhere - starting
> right at the output of your amplifier.
>
> Swap out things to isolate the arc.
>
> -Bob
>
>
> -----Original Message-----
> From: Kelly Johnson [mailto:n6kj.kelly@...]
> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] ARC Fault
>
> What does "ARC Fault" mean? In my case, it appears
> to either mean a
> SHORT in my coax or an OPEN. Which is it? I
> suspect, the problem is
> a bad PL-259 solder connection but would like to
> narrow the problem
> down further before climbing the tower.
>
> It sounds like an OPEN, because signals are dying
> just before and/or
> after the ARC fault suggesting a bad connection
> sonewhere. Sound
> right?
>
>

>
> Yahoo! Groups Links
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1993. Re[2]: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 13:22:53 UTC
From: Sergei Kulyov
Topic: 1310 Message: 1993

I have had such problem while running the Orion in CW before modification.

73, Sergei UA3AP

-----Original Message-----
From: Bill Dzurilla <billdz.geo@...>
To: acom-list@yahoogroups.com
Date: Wed, 2 May 2007 06:05:53 -0700 (PDT)
Subject: RE: [acom-list] ARC Fault

>
> Does the arc fault occur on SSB or only on CW and
> other continuous carrier modes? If the latter, the
> problem may be a "hot start" caused by the generation
> of RF from the transceiver before the relay closes.
> The relay needs to be closed before RF is applied.
> 73,
> Bill NZ5N
> --- Robert Naumann <W5OV@...> wrote:
>
> > Kelly,
> >
> > If you had a short, it would fail constantly. An arc
> > is just what it says -
> > a breakdown of insulation somewhere.
> >
> > You should not assume that it is up the tower. It
> > can be anywhere - starting
> > right at the output of your amplifier.
> >
> > Swap out things to isolate the arc.
> >
> > -Bob
> >
> >
> > -----Original Message-----
> > From: Kelly Johnson [mailto:n6kj.kelly@...]
> > Sent: Tuesday, May 01, 2007 11:41 AM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] ARC Fault
> >
> > What does "ARC Fault" mean? In my case, it appears
> > to either mean a
> > SHORT in my coax or an OPEN. Which is it? I
> > suspect, the problem is
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> > down further before climbing the tower.
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> > Yahoo! Groups Links
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> ---
> Do You Yahoo!?
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1994. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 13:27:26 UTC
From: Howard Klein
Topic: 1310 Message: 1994

Although both Bill and Bob are right, I recently did some work on my amp (cleaning :-)) I forgot to reattach a delay I use associated with the Heil foot pedal and developed the arc fault on CW. Start at the amp and check all connections as suggested. If possible put a dummy load right after the amp to eliminate faults up the line.
Howard..K2HK

----Original Message Follows----
From: Bill Dzurilla <billdz.geo@...>
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] ARC Fault
Date: Wed, 2 May 2007 06:05:53 -0700 (PDT)

Does the arc fault occur on SSB or only on CW and
other continuous carrier modes? If the latter, the
problem may be a "hot start" caused by the generation
of RF from the transceiver before the relay closes.
The relay needs to be closed before RF is applied.
73,
Bill NZ5N
--- Robert Naumann <W5OV@...> wrote:

> Kelly,
>
> If you had a short, it would fail constantly. An arc
> is just what it says -
> a breakdown of insulation somewhere.
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> You should not assume that it is up the tower. It
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> right at the output of your amplifier.
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> Swap out things to isolate the arc.
>
> -Bob
>
>
> -----Original Message-----
> From: Kelly Johnson [mailto:n6kj.kelly@...]
> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] ARC Fault
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Yahoo! Groups Links

The average US Credit Score is 675. The cost to see yours: $0 by Experian.
http://www.freecreditreport.com/pm/default.aspx?sc=660600&bcd=EMAILFOOTERAVERAGE

1995. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 14:31:43 UTC
From: Kelly Johnson
Topic: 1310 Message: 1995

Also note that the ARC fault is intermittent. In fact, it was absent long enough yesterday for me to use the amp to work BS7H, but I got a couple of ARC faults just before that.

On 5/2/07, Kelly Johnson <n6kj.kelly@...> wrote:
>
> The reason I am assuming it is up the tower is that it only happens on 40
> meters and I have a single coax running up the tower for all bands to a
> remote switch where separate feeds split off. Also, I've had problems for
> months now with my 40m yagi "dropping out" intermittently. Signals will be
> S8 or S9 and all of a sudden they drop down to S0 until I key the rig and
> they come right back. I thought I had fixed it by replacing the coax
> connector on the 40m feed right at the remote switch. It seemed to work for
> awhile, but now the problem is back. It's far more difficult to replace the
> other coax connector (at the driven element of the 40m yagi) because the
> feedpoint is 8 feet out the boom. I need a boom truck or something to get
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> boom truck. I don't believe I've seen an ARC fault while running on any
> band except 40m.
>
>
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> >
> > -----Original Message-----
> > From: Kelly Johnson [mailto: n6kj.kelly@...<n6kj.kelly%40gmail.com>]
> >
> > Sent: Tuesday, May 01, 2007 11:41 AM
> > To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
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> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1996. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 14:30:21 UTC
From: Kelly Johnson
Topic: 1310 Message: 1996

The reason I am assuming it is up the tower is that it only happens on 40 meters and I have a single coax running up the tower for all bands to a remote switch where separate feeds split off. Also, I've had problems for months now with my 40m yagi "dropping out" intermittently. Signals will be S8 or S9 and all of a sudden they drop down to S0 until I key the rig and they come right back. I thought I had fixed it by replacing the coax connector on the 40m feed right at the remote switch. It seemed to work for awhile, but now the problem is back. It's far more difficult to replace the other coax connector (at the driven element of the 40m yagi) because the feedpoint is 8 feet out the boom. I need a boom truck or something to get up there. That's why I'm looking for possible causes before renting the boom truck. I don't believe I've seen an ARC fault while running on any band except 40m.

On 5/2/07, Robert Naumann <W5OV@...> wrote:
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> Swap out things to isolate the arc.
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> -Bob
>
> -----Original Message-----
> From: Kelly Johnson [mailto:n6kj.kelly@... <n6kj.kelly%40gmail.com>]
>
> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] ARC Fault
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1997. Re: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 14:54:36 UTC
From: Howard Klein
Topic: 1310 Message: 1997

Kelly,
Looks like you have narrowed it down pretty well. sometimes if the antenna is a bit off, the voltage increases at a given point which leads to arcing. The amp does a great job of protecting itself and other equipment or antenna parts.
Howard

----Original Message Follows----
From: "Kelly Johnson" <n6kj.kelly@...>
Reply-To: acom-list@yahoogroups.com
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ARC Fault
Date: Wed, 2 May 2007 07:30:21 -0700

The reason I am assuming it is up the tower is that it only happens on 40 meters and I have a single coax running up the tower for all bands to a remote switch where separate feeds split off. Also, I've had problems for months now with my 40m yagi "dropping out" intermittently. Signals will be S8 or S9 and all of a sudden they drop down to S0 until I key the rig and they come right back. I thought I had fixed it by replacing the coax connector on the 40m feed right at the remote switch. It seemed to work for awhile, but now the problem is back. It's far more difficult to replace the other coax connector (at the driven element of the 40m yagi) because the feedpoint is 8 feet out the boom. I need a boom truck or something to get up there. That's why I'm looking for possible causes before renting the boom truck. I don't believe I've seen an ARC fault while running on any band except 40m.

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> Swap out things to isolate the arc.
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> -Bob
>
> -----Original Message-----
> From: Kelly Johnson [mailto:n6kj.kelly@...

<n6kj.kelly%40gmail.com>]
>
> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] ARC Fault
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

Exercise your brain! Try Flexicon.
http://games.msn.com/en/flexicon/default.htm?icid=flexicon_hmemailtaglineapril07

1998. Re: [acom-list] Low receive strength

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-02 18:05:01 UTC
From: Neal Campbell K3NC
Topic: 1972 Message: 1998

For completeness of the mail archives (and in case there is possibly someone dumber than I, which is a small probability), here is the solution.

I called Acom about this and Will suggested to send the amp back for him to debug. After 2 days from arrival, he wrote that all was tested and working correctly, so something was wrong at my shack. He suggested that the keying line might be shorted. Sure enough I had accidently shorted out the plug by placing it on an aluminum case, hence when I switched the amp to Operational, it thought it was xmitting even though my rig wasn't.

Sometimes (always?) I reach for the "worst" conclusion for problems when a simple one is staring me in the face. But, at least the amp wasn't damaged!

73
Neal Campbell

On Apr 11, 2007, at 8:25 PM, Neal Campbell wrote:

> Hi all
>
> Today I turned on my 2000A after a few months of idleness. After the
> warm-up period, when I went from standby to operational, the reception
> signal strength just disappeared. S9 signals no longer there at all.
>
> The amp itself seems to output at full power (at least according to
> the remote.
>
> Any ideas? The problem persists after a power recycle.
>
> 73
> Neal
>
>
>
>
> Yahoo! Groups Links
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1999. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-03 03:08:46 UTC
From: Robert Naumann
Topic: 1310 Message: 1999

What you say makes sense.

Try swapping antennas on the remote switch - in other words, move the 40m coax to a different position. This will confirm where the problem is.

73,

Bob W5OV
(still need BS7H but heard them 579 working EU all day today on 20m CW)

-----Original Message-----
From: Kelly Johnson [mailto:n6kj.kelly@...]
Sent: Wednesday, May 02, 2007 9:30 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ARC Fault

The reason I am assuming it is up the tower is that it only happens on 40 meters and I have a single coax running up the tower for all bands to a remote switch where separate feeds split off. Also, I've had problems for months now with my 40m yagi "dropping out" intermittently. Signals will be S8 or S9 and all of a sudden they drop down to S0 until I key the rig and they come right back. I thought I had fixed it by replacing the coax connector on the 40m feed right at the remote switch. It seemed to work for awhile, but now the problem is back. It's far more difficult to replace the other coax connector (at the driven element of the 40m yagi) because the feedpoint is 8 feet out the boom. I need a boom truck or something to get up there. That's why I'm looking for possible causes before renting the boom truck. I don't believe I've seen an ARC fault while running on any band except 40m.

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> -----Original Message-----
> From: Kelly Johnson [mailto:n6kj.kelly@... <n6kj.kelly%40gmail.com>]
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> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
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[Non-text portions of this message have been removed]

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2000. stupid customer

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-03 19:01:59 UTC
From: Peter Naumburg
Topic: 2000 Message: 2000

So my 2000A would not go to receive. I called Will and described the problem. He suggested that a relay may need to be replaced and replacing this particular relay is like heart surgery and my amp needs a visit to MA. So I finally go off my butt and sent my baby to the hospital. Will tested it right a way and could not duplicate the problem.

I started hooking up my back up amp and it did not work either. I had changed out my receivers and in the process switched my rec antenna cable and amp keyer cable. Ah dyslexia.

Will says that the vast majority of amps he gets back are fine. They were just installed incorrectly.

They make a great product and take good care of us!

Keep Smiling.

Peter

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.467 / Virus Database: 269.6.2/784 - Release Date: 5/1/2007 2:57 PM

[Non-text portions of this message have been removed]

2001. RE: [acom-list] ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-03 22:53:51 UTC
From: Robert Naumann
Topic: 1310 Message: 2001

Kelly,

How did you replace the connector on your 40m feedline? On the tower? How did you solder it?

What kind of coax are you using? What kind of balun is it?

-Bob

-----Original Message-----
From: Kelly Johnson [mailto:n6kj.kelly@...]
Sent: Wednesday, May 02, 2007 9:30 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ARC Fault

The reason I am assuming it is up the tower is that it only happens on 40 meters and I have a single coax running up the tower for all bands to a remote switch where separate feeds split off. Also, I've had problems for months now with my 40m yagi "dropping out" intermittently. Signals will be S8 or S9 and all of a sudden they drop down to S0 until I key the rig and they come right back. I thought I had fixed it by replacing the coax connector on the 40m feed right at the remote switch. It seemed to work for awhile, but now the problem is back. It's far more difficult to replace the other coax connector (at the driven element of the 40m yagi) because the feedpoint is 8 feet out the boom. I need a boom truck or something to get up there. That's why I'm looking for possible causes before renting the boom truck. I don't believe I've seen an ARC fault while running on any band except 40m.

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> From: Kelly Johnson [mailto:n6kj.kelly@... <n6kj.kelly%40gmail.com>]
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> Sent: Tuesday, May 01, 2007 11:41 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] ARC Fault
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

2002. Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-05 03:14:43 UTC
From: npalex@bellsouth.net
Topic: 1310 Message: 2002

I find it hard to believe that any arc fault detection would be the result of the antenna and/or feed line, but it could be, but not likely in my view - read on.

The first thing I would do is find out what ARC fault means. Is it a instantaneous Flash or breakdown between the internal parts of the tubes, grid to screen, grid to cathode? or some external circuit? If external what are likely candidates? The tank circuit where RF voltages could rise to a level to Flash over (ARC) on the variable capacitor plates. All of these types of faults will cause a significant change in current in the tube circuit. But the ARC itself is not likely detected, the result of it is however,

That means some where in the amps circuit there has to be a sensor. Given that there are likely only two possible basic measurements that can be made, voltage and/or Current the detector has to be doing one or the other.

Given that a sudden change in the termination on the amplifier (antenna connection) could cause the plate current or grid current to spike, does that surge trigger the ARC fault detector? or is it just a over current reading that trips the protection circuit? Again the question is what types of failures would trigger the ARC fault sensor?.

Considering the termination (antenna and coax) being the cause, what is likely to be happening? If this occurs under power, then the fault that is likely to occur is breakdown in the coax (short circuit) or breakdown in the termination (connector shorting). It is unlikely that under power that the failure would be "circuit opens", so the only logical failure is a short, and depending on the electrical length of cable it could look like a very LOW impedance, or open circuit if an odd quarter wave (accounting for the VF of the cable). the latter is the same as disconnecting the cable from the amp. would an "open" antenna trigger the ARC fault detector? If so then maybe the cable and 40m antenna are the culprit, but adding a few feet of cable would change that termination from an OPEN to a low value. This could be check right in the back of the Amplifier. What power level do you have to reach to trigger this ARC fault? Just a few watts, or nearly full power?

You have to find out what kind of EXTERNAL fault would trigger the ARC fault detector. There are only a few possibilities - the antenna/cable goes open (HIGH), or goes LOW (short).

But there is one other possibility - how about RF getting into the TCU and triggering a ARC fault? Low band antennas are notorius for getting RF into the shack and causing all kinds of problems. Try "grounding" the TCU case to the amp case, or to a ground buss.

Do you have a Field strengh meter, if so set that up near the TCU and see if there is a significant presence of RF when on 40m.

2003. Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-05 11:08:14 UTC
From: k1iig
Topic: 1310 Message: 2003

--- In acom-list@yahoogroups.com, <npalex@...> wrote:

Arc faults are usually the feedline of antenna. The acom amps are great for finding a defective antenna or coax and displaying and arc fault. If you have not tried this, connect the acom to a dummy load with a good known coax jumper and see if it goes away. I have heard of RF getting into the TCU and causing problems also.

Steve
K1IIG

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2004. Re: [acom-list] Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-05 14:45:28 UTC
From: Mel Whitten
Topic: 1310 Message: 2004

In moderate winds (~20-25mph) the "floppy-elemented" Force 12 I have causes these arc faults. My experience has found the C4XL can not be used in winds at these speeds because a couple or more of the elements are so close together that the wind changes 20m SWR drastically and the 2000 doesn't like that. Not related to arc faults, but the C4XL is prone to severe rain static (isolated elements) which, at times makes (at least the one I have) unusable too. Otherwise, antenna is good one. :-)

Mel, K0PFX

----- Original Message -----
From: k1iig
To: acom-list@yahoogroups.com
Sent: Saturday, May 05, 2007 6:08 AM
Subject: [acom-list] Re: ARC Fault

--- In acom-list@yahoogroups.com, <npalex@...> wrote:

Arc faults are usually the feedline of antenna. The acom amps are great for finding a defective antenna or coax and displaying and arc fault. If you have not tried this, connect the acom to a dummy load with a good known coax jumper and see if it goes away. I have heard of RF getting into the TCU and causing problems also.

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K1IIG

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to spike, does that surge trigger the ARC fault detector? or is it just a over current reading that trips the protection circuit? Again the question is what types of failures would trigger the ARC fault sensor?.
>
> Considering the termination (antenna and coax) being the cause, what is likely to be happening? If this occurs under power, then the fault that is likely to occur is breakdown in the coax (short circuit) or breakdown in the termination (connector shorting). It is unlikely that under power that the failure would be "circuit opens", so the only logical failure is a short, and depending on the electrical length of cable it could look like a very LOW impedance, or open circuit if an odd quarter wave (accounting for the VF of the cable). the latter is the same as disconnecting the cable from the amp. would an "open" antenna trigger the ARC fault detector? If so then maybe the cable and 40m antenna are the culprit, but adding a few feet of cable would change that termination from an OPEN to a low value. This could be check right in the back of the Amplifier. What power level do you have to reach to trigger this ARC fault? Just a few watts, or nearly full power?
>
> You have to find out what kind of EXTERNAL fault would trigger the ARC fault detector. There are only a few possibilities - the antenna/cable goes open (HIGH), or goes LOW (short).
>
> But there is one other possibility - how about RF getting into the TCU and triggering a ARC fault? Low band antennas are notorius for getting RF into the shack and causing all kinds of problems. Try "grounding" the TCU case to the amp case, or to a ground buss.
>
> Do you have a Field strengh meter, if so set that up near the TCU and see if there is a significant presence of RF when on 40m.
>

[Non-text portions of this message have been removed]

2005. Re: [acom-list] Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-05 15:00:19 UTC
From: Paul Christensen
Topic: 1310 Message: 2005

> The acom amps are great for finding a defective antenna or coax and displaying and arc fault.

I found this to be true as well when I owned my 2000A. However, it would be nice to give the operator the ability to either temporarily disable ARC protection (and perhaps automatically re-engage at power up) or allow the operator to temporarily change the ARC point threshold.

There are times when the antenna condition is not severe enough to warrant a full amp disabling. Or, reduced power may be enough to work that rare DX station or get you through a contest weekend until the root cause can be determined.

OTOH, as a manufacturer who warrants their product for four years, I could see their resistance to incorporate this as a result of operator abuse. It does bring to mind the folks whose auto engine light come on and waits until the car's engine is broken before they finally do something about it!

Paul, W9AC .

[Non-text portions of this message have been removed]

2006. Re: [acom-list] Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-05 18:33:22 UTC
From: Kelly Johnson
Topic: 1310 Message: 2006

For a start, why doesn't ACOM at least tell you in their manual what each fault means and what types of things can cause it?

On 5/5/07, Paul Christensen <pchristensen@...> wrote:
>
> > The acom amps are great for finding a defective antenna or coax and
> displaying and arc
> fault.
>
> I found this to be true as well when I owned my 2000A. However, it would
> be nice to give the operator the ability to either temporarily disable ARC
> protection (and perhaps automatically re-engage at power up) or allow the
> operator to temporarily change the ARC point threshold.
>
> There are times when the antenna condition is not severe enough to warrant
> a full amp disabling. Or, reduced power may be enough to work that rare DX
> station or get you through a contest weekend until the root cause can be
> determined.
>
> OTOH, as a manufacturer who warrants their product for four years, I could
> see their resistance to incorporate this as a result of operator abuse. It
> does bring to mind the folks whose auto engine light come on and waits until
> the car's engine is broken before they finally do something about it!
>
> Paul, W9AC .
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2007. Re: [acom-list] Re: ARC Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-07 01:50:28 UTC
From: Bill NY9H
Topic: 1310 Message: 2007

>I find it hard to believe that any arc fault detection would be the
>result of the antenna and/or feed line, but it could be, but not
>likely in my view - read on.

the arc fault certainly detected a problem in one of my feedlines....

As one the guys said" trust the amp" it knows.

He was right. And the dummy load helped find the bad portion of the run.

bill ny9h

2008. just a filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-08 02:49:59 UTC
From: kamarty456
Topic: 2008 Message: 2008

The Acom 2000A requires routine service...you need to clean the dust filter on a regular basis.
So, this is to remind all of you to pull the filter and wash it.

I live in Arizona and it is very dusty here. I clean my filter every 6-8 weeks. By doing this the filter does not get clogged, the amp keeps its cool and is happy.

Marty KA7GKN

2009. Fair price for a used 2000A?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-14 10:57:22 UTC
From: Barry
Topic: 2009 Message: 2009

I'm planning to sell one of my 2000A's and wonder what a fair asking
price is these days.
Tnx,
Barry W2UP

--

Barry Kutner, W2UP
Newtown, PA

2010. Was Acom at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-23 15:24:41 UTC
From: kamarty456
Topic: 2010 Message: 2010

If Acom was at Dayton, how about a review and comments regarding their booth and display.

I wonder what the current prices are for their products

Marty ka7gkn

2011. Re: [acom-list] Was Acom at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-23 16:03:01 UTC
From: A Z
Topic: 2010 Message: 2011

Hi Marty,
Not sure if they were at Dayton, but here is a short list of current Amp prices.

ACOM 2000A $6,850.00
ACOM 1000 $3,250.00
ACOM 1010 $2,340.00

Sam ve3xap

kamarty456 <martins160@...> wrote: If Acom was at Dayton, how about a review and comments regarding their
booth and display.

I wonder what the current prices are for their products

Marty ka7gkn

All new Yahoo! Mail

Get news delivered. Enjoy RSS feeds right on your Mail page.

[Non-text portions of this message have been removed]

2012. RE: [acom-list] Was Acom at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-23 16:10:08 UTC
From: N2TK, Tony
Topic: 2010 Message: 2012

Acom had a booth at Dayton. Stopped by to say HI to Will and Krassy. Same amps as before. Didn't ask about prices.
73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: Wednesday, May 23, 2007 11:25 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Was Acom at Dayton?

If Acom was at Dayton, how about a review and comments regarding their booth and display.

I wonder what the current prices are for their products

Marty ka7gkn

[Non-text portions of this message have been removed]

2013. RE: [acom-list] Was Acom at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-23 16:28:27 UTC
From: Arnie Lewin
Topic: 2010 Message: 2013

Are these Canadian prices??

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of A Z
Sent: Wednesday, May 23, 2007 9:03 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Was Acom at Dayton?

Hi Marty,
Not sure if they were at Dayton, but here is a short list of current Amp prices.

ACOM 2000A $6,850.00
ACOM 1000 $3,250.00
ACOM 1010 $2,340.00

Sam ve3xap

[Non-text portions of this message have been removed]

2014. Re: [acom-list] Was Acom at Dayton?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-23 16:38:04 UTC
From: Barry
Topic: 2010 Message: 2014

I heard the 2000A was going for US$8500 recently...
Be nice if they put this on their web site. Or are they like gas
stations, changing it every other day?
Barry W2UP

Arnie Lewin wrote:
>
> Are these Canadian prices??
>
> _____
>
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of A Z
> Sent: Wednesday, May 23, 2007 9:03 AM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: Re: [acom-list] Was Acom at Dayton?
>
> Hi Marty,
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> ACOM 1010 $2,340.00
>
> Sam ve3xap
>
> [Non-text portions of this message have been removed]
>
>

2015. ACOM 2000A with TEN TEC ORION

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-27 11:51:19 UTC
From: Tiziano Christen
Topic: 2015 Message: 2015

Hi,

I have an Orion driving an Acom 2000A amplifier.

The only way I found it to work properly is to connect the TXOUT and TXEN lines and use QSK with Delay=0. This is of course a problem because I drive also TX/RX relays to switch RX preamplifiers and filters.

Anyone has found a better solution for the PTT control of the ACOM with a reasonable delay ?

Thanks and regards

Tiziano HB9BLQ

La mia Cartella di Posta in Arrivo e protetta con SPAMfighter
216 messaggi contenenti spam sono stati bloccati con successo.
Scarica gratuitamente SPAMfighter <http://www.spamfighter.com/lit> !

[Non-text portions of this message have been removed]

2016. Re: [acom-list] ACOM 2000A with TEN TEC ORION

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-27 12:45:07 UTC
From: kg4lru@aol.com
Topic: 2015 Message: 2016

Tiziano

They did have a chip upgrade for the 2000A which made them less sensitive to tripping the amp this was back 3 years ago My 781 was always knocking the amp off line ,by using the new chip from acom it solved the problem with my 781.

My is using an Orion and I only used the relay tx out any problem I try look my serial # on my amp

73

Phil AI4DQ

********** See what's free at http://www.aol.com.

[Non-text portions of this message have been removed]

2017. RE: [acom-list] ACOM 2000A with TEN TEC ORION

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-27 13:36:05 UTC
From: Bob DeHaney
Topic: 2015 Message: 2017

Tiziano, check the microHam website, I believe they may have the answer.

Vy 73, Bob DJ0MBC/WU5T

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Tiziano Christen
Sent: Sonntag, 27. Mai 2007 13:51
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 2000A with TEN TEC ORION

Hi,

I have an Orion driving an Acom 2000A amplifier.

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

2018. AW: [acom-list] ACOM 2000A with TEN TEC ORION

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-27 15:00:58 UTC
From: Carsten Esch
Topic: 2015 Message: 2018

Tiziano,

what is the problem? I am running both an ORION I and ORION II with ACOM amps.

73sss

Carsten, DL6LAU

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Im Auftrag von Bob DeHaney
Gesendet: Sonntag, 27. Mai 2007 15:36
An: acom-list@yahoogroups.com
Betreff: RE: [acom-list] ACOM 2000A with TEN TEC ORION

Tiziano, check the microHam website, I believe they may have the answer.

Vy 73, Bob DJ0MBC/WU5T

-----Original Message-----
From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf
Of Tiziano Christen
Sent: Sonntag, 27. Mai 2007 13:51
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: [acom-list] ACOM 2000A with TEN TEC ORION

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<http://www.spamfighter.com/lit> ter.com/lit> !

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

2019. R: [acom-list] ACOM 2000A with TEN TEC ORION

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-27 19:11:53 UTC
From: Tiziano Christen
Topic: 2015 Message: 2019

Hi Carsten,

I can only drive it using the QSK control NUT only with QSK delay=0. Higher delay causes Arc Fault on the Acom. This is creating a steady switching between dots in CW. I would like at least to be able to set the QSK delay to few % in order to create a small delay between TX and RX.

Any idea what is the reason or if this is normal?

Thanks for your suggestion

Tiziano, HB9BLQ

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Carsten Esch
Inviato: dimanche, 27. mai 2007 17:01
A: acom-list@yahoogroups.com
Oggetto: AW: [acom-list] ACOM 2000A with TEN TEC ORION

Tiziano,

what is the problem? I am running both an ORION I and ORION II with ACOM amps.

73sss

Carsten, DL6LAU

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] Im Auftrag
von Bob DeHaney
Gesendet: Sonntag, 27. Mai 2007 15:36
An: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Betreff: RE: [acom-list] ACOM 2000A with TEN TEC ORION

Tiziano, check the microHam website, I believe they may have the answer.

Vy 73, Bob DJ0MBC/WU5T

-----Original Message-----
From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf
Of Tiziano Christen

Sent: Sonntag, 27. Mai 2007 13:51
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: [acom-list] ACOM 2000A with TEN TEC ORION

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<http://www.spamfigh <http://www.spamfighter.com/lit> ter.com/lit>
ter.com/lit> !

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2292 (20070525) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

2020. Connecting the ACOM 2000a To A Computer

Yahoo group: acom-list (1999 — 2009)
Date: 2007-05-29 20:45:09 UTC
From: ki4ge
Topic: 2020 Message: 2020

I just received my ACOM 2000A and need to connect it to my computer so
I can control the system over the internet.

The manual has a caution about not using a "standard" cable for the
connection between the amplifier and the computer. What type of cable
is needed and where can I get it?

I have tried to call ACOM for the last few days but get no answer.
Maybe they are still on vacation after Dayton.

Any help will be appreciated.

Jerry, KI4GE

2021. Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:00:58 UTC
From: Dave Hawes
Topic: 2021 Message: 2021

I recently had a failure of the HC1 output relay on my 2000A.

I am looking for a source of NEW (could be NEW surplus) Jennings RJ1A
or Kilovac HC1 relays.

Can anyone provide a lead? A recent satisfactory transaction would
be better info than just "Look on eBay."

Thanks.

Dave N3RD

2022. Re: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:24:19 UTC
From: Jerry.Van
Topic: 2021 Message: 2022

Dave,

My 2000A is of very recent manufacture. The output relay in mine is made by GIGAVAC. The specific model number is hard to read but I'd say it is their GH1 HAM. See this link, http://www.gigavac.com/products/relays/ham/

BTW, in comparing the Jennings with the Kilovac I've had better luck with the Jennings in applications other than the Acom. But if Acom is now using the GIGAVAC I'd be inclined to follow their lead unless you get some differing opinions.

Jerry N8BM

----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, June 02, 2007 8:00 AM
Subject: [acom-list] Relay failure

I recently had a failure of the HC1 output relay on my 2000A.

I am looking for a source of NEW (could be NEW surplus) Jennings RJ1A or Kilovac HC1 relays.

Can anyone provide a lead? A recent satisfactory transaction would be better info than just "Look on eBay."

Thanks.

Dave N3RD

2023. RE: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:41:08 UTC
From: Robert Naumann
Topic: 2021 Message: 2023

Max-Gain Systems in Marietta GA has an assortment of vacuum relays and provides good service.

http://www.mgs4u.com/

We use them at my salt mine.

73,

Bob W5OV

-----Original Message-----
From: Dave Hawes [mailto:dave.n3rd@...]
Sent: Saturday, June 02, 2007 7:01 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Relay failure

I recently had a failure of the HC1 output relay on my 2000A.

I am looking for a source of NEW (could be NEW surplus) Jennings RJ1A or Kilovac HC1 relays.

Can anyone provide a lead? A recent satisfactory transaction would be better info than just "Look on eBay."

Thanks.

Dave N3RD

Yahoo! Groups Links

2024. RE: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:44:47 UTC
From: Robert Naumann
Topic: 2021 Message: 2024

I looked further at the Max-Gain site, and they have replacement contact sets as follows:

Jennings RJ1A Price: $22.50 each
Kilovac HC-1 Price: $22.50 each

This might be the most economical solution.

73,

Bob W5OV

P.S. They're at the Atlanta hamfest this weekend and not in the office.

-----Original Message-----
From: Dave Hawes [mailto:dave.n3rd@...]
Sent: Saturday, June 02, 2007 7:01 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Relay failure

I recently had a failure of the HC1 output relay on my 2000A.

I am looking for a source of NEW (could be NEW surplus) Jennings RJ1A or Kilovac HC1 relays.

Can anyone provide a lead? A recent satisfactory transaction would be better info than just "Look on eBay."

Thanks.

Dave N3RD

Yahoo! Groups Links

2025. Re: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:52:35 UTC
From: Dave Hawes
Topic: 2021 Message: 2025

Jerry,

Thanks for the info. This is good to know.

Kilovac has apparently morphed into Gigavac, and the GH1 is the replacement for the HC1.

The HC1 and RJ1A have long been considered as replacements for each other, in that they have identical form factors, relay coils, and very similar performance ratings. But, like you, I have found the RJ1As to last longer than HC1s, especially in QSK service.

Incidentally, I have replaced several HC1s in 2000As with RJ1As, and they have been performing flawlessly for a long time, after failure of the supplied HC1. This is why I'm looking for an RJ1A to replace my failed HC1.

Any other info from the group?

Dave

On 2 Jun 2007 at 8:24, Jerry.Van wrote:

> Dave,
>
> My 2000A is of very recent manufacture. The output relay in mine is
> made by GIGAVAC. The specific model number is hard to read but I'd say
> it is their GH1 HAM. See this link,
> http://www.gigavac.com/products/relays/ham/
>
> BTW, in comparing the Jennings with the Kilovac I've had better luck
> with the Jennings in applications other than the Acom. But if Acom is
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>
> Jerry N8BM
>
> ----- Original Message -----
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> To: acom-list@yahoogroups.com
> Sent: Saturday, June 02, 2007 8:00 AM
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> Can anyone provide a lead? A recent satisfactory transaction would
> be better info than just "Look on eBay."
>
> Thanks.
>
> Dave N3RD
>
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> Yahoo! Groups Links
>
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>

2026. FWD: RE: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:51:20 UTC
From: Jim Idelson
Topic: 2026 Message: 2026

I can second Bob's suggestion of Max-Gain Systems. I've had excellent success with them. A lot of what they sell are used parts at good prices. But, they are not fly-by-night and I've bought from them face-to-face in the Dayton flea.

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

---------- Forwarded Message ----------

FROM: "Robert Naumann" <W5OV@...>
TO: <acom-list@yahoogroups.com>
DATE: Sat, 2 Jun 2007 07:41:08 -0500

RE: RE: [acom-list] Relay failure

Max-Gain Systems in Marietta GA has an assortment of vacuum relays and provides good service.

http://www.mgs4u.com/

We use them at my salt mine.

73,

Bob W5OV

-----Original Message-----
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Sent: Saturday, June 02, 2007 7:01 AM
To: acom-list@yahoogroups.com
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Can anyone provide a lead? A recent satisfactory transaction would be better info than just "Look on eBay."

Thanks.

Dave N3RD

Yahoo! Groups Links

Yahoo! Groups Links

2027. Re: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 12:58:15 UTC
From: Paul M Dunphy
Topic: 2021 Message: 2027

At 09:00 AM 02/06/2007, you wrote:

>I recently had a failure of the HC1 output relay on my 2000A.
>
>I am looking for a source of NEW (could be NEW surplus) Jennings RJ1A
>or Kilovac HC1 relays.
>
>Can anyone provide a lead? A recent satisfactory transaction would
>be better info than just "Look on eBay."
>
>Thanks.
>
>Dave N3RD

Hi Dave,

I assume that since you are looking elsewhere, the amp is off
warranty. It might be a good idea to email Will or Krassy locally
here in NA or even Stan in Bulgaria to find out if it matters what
you use. I know a relay is a relay, and as long as it meets the
specs of the original, they there should be no reason not to use
whatever you can find.

As an aside, but mentioned in your original post, I wouldn't by
a sheet metal screw on eBay! Had a few "good" experiences there, but
gave it up 5 years ago simply because you are typically buying an
unknown item from an anonymous seller. Sure, you can give them
negative feedback, but at the end of the day, they have your money
and you have whatever they decide to send. Lots of people like eBay,
but it isn't for me.

Good luck with whatever you get. I can't find enough good
things to say about ACOM. Fantastic amplifiers.

73/DX Paul VE1DX

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.472 / Virus Database: 269.8.6/828 - Release Date: 01/06/2007 11:22 AM

2028. If you use Mailduster...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 13:03:44 UTC
From: Barry
Topic: 2028 Message: 2028

Note to all Reflectees:

If you use Mailduster, please check your configuration is correct.
Someone using their service is forwarding Mailduster's responses to the
list.
Tnx,
Barry W2UP
List manager

--

Barry Kutner, W2UP
Newtown, PA

2029. RE: [acom-list] If you use Mailduster...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 13:09:38 UTC
From: Robert Naumann
Topic: 2028 Message: 2029

K1IIG is the only one I know that uses this service.

I get an anonymous response from his mailduster system every time I send a message to the Acom list.

I say remove him from the list if he doesn't turn it off.

73,

Bob W5OV

-----Original Message-----
From: Barry [mailto:w2up@...]
Sent: Saturday, June 02, 2007 8:04 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] If you use Mailduster...

Note to all Reflectees:

If you use Mailduster, please check your configuration is correct.
Someone using their service is forwarding Mailduster's responses to the list.
Tnx,
Barry W2UP
List manager

--

Barry Kutner, W2UP
Newtown, PA

Yahoo! Groups Links

2030. Re: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 14:47:02 UTC
From: k2qmf@juno.com
Topic: 2021 Message: 2030

Hi Dave,

Don't buy a used relay!!
You can get a new relay from Gigavac for $69.00.
That is the price for hams only!! Part number is GH1-HAM
Check out this web site...

http://www.gigavac.com/products/relays/ham/index.htm

161,
Ted K2QMF

On Sat, 02 Jun 2007 08:00:58 -0400 "Dave Hawes" <dave.n3rd@...>
writes:
> I recently had a failure of the HC1 output relay on my 2000A.
>
> I am looking for a source of NEW (could be NEW surplus) Jennings
> RJ1A
> or Kilovac HC1 relays.
>
> Can anyone provide a lead? A recent satisfactory transaction would
>
> be better info than just "Look on eBay."
>
> Thanks.
>
> Dave N3RD
>
>
>
> Yahoo! Groups Links
>
>
>
>
>

2031. RE: [acom-list] Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 16:03:59 UTC
From: Jim Idelson
Topic: 2021 Message: 2031

I agree! Despite great experience with Max-Gain, I would now go with new parts from these Giga guys. Seems like the obvious choice.

73,

Jim K1IR

-----Original Message-----
From: k2qmf@...
Sent: Saturday, June 02, 2007 10:47 AM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] Relay failure

Hi Dave,

Don't buy a used relay!!
You can get a new relay from Gigavac for $69.00.
That is the price for hams only!! Part number is GH1-HAM
Check out this web site...

http://www.gigavac.com/products/relays/ham/index.htm

161,
Ted K2QMF

On Sat, 02 Jun 2007 08:00:58 -0400 "Dave Hawes" <dave.n3rd@...>
writes:
> I recently had a failure of the HC1 output relay on my 2000A.
>
> I am looking for a source of NEW (could be NEW surplus) Jennings
> RJ1A
> or Kilovac HC1 relays.
>
> Can anyone provide a lead? A recent satisfactory transaction would
>
> be better info than just "Look on eBay."
>

[The entire original message is not included]

2032. Re: Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 16:14:43 UTC
From: Dick Green
Topic: 2021 Message: 2032

> I have found the
> RJ1As to last longer than HC1s, especially in QSK service.

The HC1 in my 2000A failed shorting after I bought the amp in 1991. Krassy said ACOM got a bad batch of HC1s. I replaced it with a new RJ1A left over from upgrading an SB-220 to QSK. The RJ1A has performed almost flawlessly for 6 1/2 years.

However, the ACOM is on the second radio in my SO2R contest station, and I primarily use that radio for S&P and casual DXing outside of contests (i.e., the amp gets very light duty.) Also, I don't run QSK on that radio (an FT-1000D, which clips the CW waveform in QSK.)

In last week's WPX CW contest, my run radio had problems and I ended up using the 1000D running. I got a couple of sequencing faults and two "relay is in the wrong position" faults. I believe the problem was caused by a SteppIR Tuning Relay interrupting the amp key line while RF was present. That, in turn, was caused by some faulty software of mine (don't ask, it's a long story.)

It would be interesting to know if the ACOM has a timing issue with the key line being interrupted when RF is present. I believe in that case it should cut off the tubes, route the input drive to the internal dummy load, unkey the vacuum relay, switch the input coax to the output, then fault. But I don't know if that's what's happening. Hopefully, it's not allowing the vacuum relay to switch while the tubes are running. Might be worth a query to the factory.

After getting a couple of these faulte, I changed the SteppIR Tuning Relay wiring to interrupt the 1000D's TX ENA line, and that solved the problem. Other than that, the RJ1A put in a lot of duty over the weekend without failing. Of course, I didn't use QSK, and frankly I wouldn't do that with any vacuum-relay amp. I use my trusty Alpha 87A with PIN diode switching for that!

BTW, when my HC1 failed, Krassy sent me a Russian-made relay. It's still on the shelf.

Some people have had all three relay types fail: HC1, RJ1A, and Russian. I believe they were all QSK users. It's possible the timing of their rig's keying loop was the cuprit. I've long suspected that the ACOM microcode doesn't deal with all of the possible sequencing errors.

73, Dick WC1M

2033. Relays - Max Gain

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-02 18:11:16 UTC
From: Hal Kennedy
Topic: 2033 Message: 2033

Just got home from the Atlanta Hamfest - last person I spoke to there was Alan from Max Gain - interesting coincidence. Good folks, good stuff, they stand behind their products.. I've used their vacuum relays in several applications and always had good results.

Hal, N4GG

[Non-text portions of this message have been removed]

2034. CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 00:51:27 UTC
From: Barry
Topic: 2034 Message: 2034

Has anyone gotten a quote lately for a new 2000A in the US. If so, pse
tell me what it is.
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2035. Re: [acom-list] CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 00:54:40 UTC
From: Arnie Lewin
Topic: 2034 Message: 2035

I heard it was around $6,800.

-----Original Message-----
From: Barry <w2up@mindspring.com>

Date: Sun, 03 Jun 2007 00:51:27
To:acom-list@yahoogroups.com
Subject: [acom-list] CUrrent price for a 2000A

Has anyone gotten a quote lately for a new 2000A in the US. If so, pse
tell me what it is.
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2036. Re: CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 01:31:21 UTC
From: w9ac
Topic: 2034 Message: 2036

Price with Dayton discount is $6,500.00. Been seeing used 2000As going for $4,500-$5,500 depending on age, remaining warranty, and condition. I am waiting for immediate availability of an in-stock 2000A and I'll place my order.

On a somewhat related matter, I am seeing a distressing trend today among other vendors of high-end transceivers and amplifiers who are now taking advance customer deposits on equipment well before an expected delivery date. These funds are being used as working capital to finance R&D and equipment production. The question to ask is if the company is financially healthy, why do they need the customer to function as a bank for the financing of their businesses? Where are the investors and banks? The answer is that the cost of borrowing and the risk of loss to the company is significantly less when customer deposits are used.

Of course, the worst condition occurs when a company exhausts customer deposits and cannot fulfill orders, nor move the company forward as a "going concern." Unfortunately, filing for creditor protection under federal bankruptcy law rarely results in the return of customer's funds unless a reorganization plan is later approved by a federal court.

Now, more than ever, caveat emptor.

Paul, W9AC

2037. Re: [acom-list] CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 05:48:50 UTC
From: N6KI Dennis Vernacchia
Topic: 2034 Message: 2037

$6500...was the Dayton DISCOUNT price

Pay attention !

Arnie Lewin wrote:
>
> I heard it was around $6,800.
>
> -----Original Message-----
> From: Barry <w2up@... <mailto:w2up%40mindspring.com>>
>
> Date: Sun, 03 Jun 2007 00:51:27
> To:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: [acom-list] CUrrent price for a 2000A
>
>
> Has anyone gotten a quote lately for a new 2000A in the US. If so, pse
> tell me what it is.
> Tnx,
> Barry
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>
>

2038. mailduster

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 11:19:07 UTC
From: Steve Tripp
Topic: 2038 Message: 2038

I do use mailduster and have had it for 3 years, about as long as I have been on the Acom list. I am not the only one that is on the list who uses mailduster. I changed most of my "inform senders" rules and hopefully this will cure the problem. The only inform sender rule will have a response with my name and call letter. If see this let me know and I will unsubscribe. Give this a few days to make sure my changes take hold. If next week or so, you are still getting mailduster messages, take me off the list but please notify me. If the messages still appear after removing me, put me back on. In the meantime I will email my friend who is on this list and has mailduster and compare settings. Hope this helps.

Steve
K1IIG

[Non-text portions of this message have been removed]

2039. RE: [acom-list] mailduster

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 11:44:18 UTC
From: Robert Naumann
Topic: 2038 Message: 2039

I suspect that back in February or March of this year, when these anonymous maiduster ads first appeared, mailduster changed their system to anonymously troll for new subscribers.

Not nice.

73,

Bob W5OV

-----Original Message-----
From: Steve Tripp [mailto:stephen.tripp@...]
Sent: Sunday, June 03, 2007 6:19 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] mailduster

I do use mailduster and have had it for 3 years, about as long as I have been on the Acom list. I am not the only one that is on the list who uses mailduster. I changed most of my "inform senders" rules and hopefully this will cure the problem. The only inform sender rule will have a response with my name and call letter. If see this let me know and I will unsubscribe. Give this a few days to make sure my changes take hold. If next week or so, you are still getting mailduster messages, take me off the list but please notify me. If the messages still appear after removing me, put me back on. In the meantime I will email my friend who is on this list and has mailduster and compare settings. Hope this helps.

Steve
K1IIG

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2040. Re: Relay failure

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 15:21:07 UTC
From: John K Gotwals
Topic: 2021 Message: 2040

Which relay should be used in the Acom 1000?
John, N9JG

--- In acom-list@yahoogroups.com, k2qmf@... wrote:
>
>
>
> Hi Dave,
>
> Don't buy a used relay!!
> You can get a new relay from Gigavac for $69.00.
> That is the price for hams only!! Part number is GH1-HAM
> Check out this web site...
>
> http://www.gigavac.com/products/relays/ham/index.htm
>
> 161,
> Ted K2QMF
>
[snip]

2041. Re: CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 17:12:48 UTC
From: Dick Green
Topic: 2034 Message: 2041

Paul,

Your concerns about the risks of making an advanced deposit and the financial health of companies in the amateur radio market are certainly valid.

But these days it's difficult or impossible for very small companies in very small markets to raise sufficient capital for R&D. In my experience it takes upwards of $750,000-$1,000,000 to bring virtually any hardware product to market, and probably much more for highly complex devices like transceivers.

Banks will advance credit to going concerns for about 75%-80% of existing accounts receivable, plus 50% of finished inventory. That's usually only enough to buy inventory and provide working capital for operations. Venture investors have no interest in amateur radio companies -- the small market and tight margins result in an upside that's too small compared with the risk of failure. Sub-debt lenders generally have the same attitude. Even if professional lenders and/or investors were willing to take the risk, the cost of capital would be very high. At the end of the day, there wouldn't be much left over to compensate the owner for all the hard work and risk.

You can get around some of these factors by focusing on commercial markets, but then you're dealing with much more competition, often from larger, better-financed companies. Even if successful, the commercial focus will necessarily dilute quality in the amateur radio division.

In the old days it was possible to finance companies with one's personal funds and/or money from friends and family, but the amount of capital needed to get a company or new product off the ground has grown enormously in our high-cost manufacturing environment. Oursourcing to places like China can help, but is it desirable? Also, you need enough capital for container-loads or large fractions thereof to make it pay. I'm not surprised that amateur radio companies are turning to their customers for R&D and production financing. Heck, I used to do that at my small software company back in the heyday of the industry, when financing was easy. The customers were large and they really wanted what I was offering to build. Large companies won't do that anymore, for the reasons you cite.

I think the capital situation in the amateur radio market may provide a reasonable opportunity for hams with discretionary funds to invest and a willingness to get involved in the business, at least part-time. Knowledge of the market, a prior relationship with the owner,

and a seat at the table can offset the risk to an extent not possible for arms-length professional investors. Double caveat-emptor on this route! You really need to know what you're doing -- it's not like buying a mutual fund.

I agree that hams must be very careful about putting down deposits in advance of product completion. You could lose all of your money, with virtually no recourse. In a bankruptcy, the best case would probably be 10-cents on the dollar, if you get anything at all. You need to know who you're dealing with and the liklihood that they will be able to deliver.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "w9ac" <pchristensen@...> wrote:
>
> Price with Dayton discount is $6,500.00. Been seeing used 2000As
> going for $4,500-$5,500 depending on age, remaining warranty, and
> condition. I am waiting for immediate availability of an in-stock
> 2000A and I'll place my order.
>
> On a somewhat related matter, I am seeing a distressing trend today
> among other vendors of high-end transceivers and amplifiers who are
> now taking advance customer deposits on equipment well before an
> expected delivery date. These funds are being used as working
> capital to finance R&D and equipment production. The question to
ask
> is if the company is financially healthy, why do they need the
> customer to function as a bank for the financing of their
> businesses? Where are the investors and banks? The answer is
that
> the cost of borrowing and the risk of loss to the company is
> significantly less when customer deposits are used.
>
> Of course, the worst condition occurs when a company exhausts
> customer deposits and cannot fulfill orders, nor move the company
> forward as a "going concern." Unfortunately, filing for creditor
> protection under federal bankruptcy law rarely results in the
return
> of customer's funds unless a reorganization plan is later approved
by
> a federal court.
>
> Now, more than ever, caveat emptor.
>
> Paul, W9AC
>

2042. Re: [acom-list] mailduster

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 16:25:07 UTC
From: K0DAN
Topic: 2038 Message: 2042

Bob:

They're not anonymous MailDuster ads, they're spam notifications which are apparently & inadvertantly being misdirected to the list.

MailDuster has not changed anything with their spam filtering for several years now. They do not troll for new subscribers. I have not interest in the company, other than being a subscriber.

Apparently Steve was recently notified by the list moderator of a potential problem, and made changes to resolve the problem. If you have a problem with Steve, or me, or anyone else inadvertantly adding overhead to your mail on this list, it might be better to contact them directly for a solution, rather than ask the list moderator to summarily purge them (also not nice).

Have a great day!

73

Dan

----- Original Message -----
From: "Robert Naumann" <W5OV@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, June 03, 2007 6:44 AM
Subject: RE: [acom-list] mailduster

>I suspect that back in February or March of this year, when these anonymous
> maiduster ads first appeared, mailduster changed their system to
> anonymously
> troll for new subscribers.
>
> Not nice.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Steve Tripp [mailto:stephen.tripp@...]
> Sent: Sunday, June 03, 2007 6:19 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] mailduster
>
> I do use mailduster and have had it for 3 years, about as long as I have
> been on the Acom list. I am not the only one that is on the list who uses
> mailduster. I changed most of my "inform senders" rules and hopefully this

> will cure the problem. The only inform sender rule will have a response
> with
> my name and call letter. If see this let me know and I will unsubscribe.
> Give this a few days to make sure my changes take hold. If next week or
> so,
> you are still getting mailduster messages, take me off the list but please
> notify me. If the messages still appear after removing me, put me back on.
> In the meantime I will email my friend who is on this list and has
> mailduster and compare settings. Hope this helps.
>
> Steve
> K1IIG

2043. RE: [acom-list] mailduster

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-03 19:46:08 UTC
From: Robert Naumann
Topic: 2038 Message: 2043

Dan,

They are anonymous. They do not tell you who the mailduster subscriber is.

They offer to sell you mailduster services. SPAM.

Sorry.

73,

Bob W5OV

-----Original Message-----
From: K0DAN [mailto:k0dan@...]
Sent: Sunday, June 03, 2007 11:25 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] mailduster

Bob:

They're not anonymous MailDuster ads, they're spam notifications which are apparently & inadvertantly being misdirected to the list.

MailDuster has not changed anything with their spam filtering for several years now. They do not troll for new subscribers. I have not interest in the

company, other than being a subscriber.

Apparently Steve was recently notified by the list moderator of a potential problem, and made changes to resolve the problem. If you have a problem with

Steve, or me, or anyone else inadvertantly adding overhead to your mail on this list, it might be better to contact them directly for a solution, rather than ask the list moderator to summarily purge them (also not nice).

Have a great day!

73

Dan

----- Original Message -----
From: "Robert Naumann" <W5OV@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, June 03, 2007 6:44 AM
Subject: RE: [acom-list] mailduster

>I suspect that back in February or March of this year, when these anonymous
> maiduster ads first appeared, mailduster changed their system to

> anonymously
> troll for new subscribers.
>
> Not nice.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: Steve Tripp [mailto:stephen.tripp@...]
> Sent: Sunday, June 03, 2007 6:19 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] mailduster
>
> I do use mailduster and have had it for 3 years, about as long as I have
> been on the Acom list. I am not the only one that is on the list who uses
> mailduster. I changed most of my "inform senders" rules and hopefully this
> will cure the problem. The only inform sender rule will have a response
> with
> my name and call letter. If see this let me know and I will unsubscribe.
> Give this a few days to make sure my changes take hold. If next week or
> so,
> you are still getting mailduster messages, take me off the list but please
> notify me. If the messages still appear after removing me, put me back on.
> In the meantime I will email my friend who is on this list and has
> mailduster and compare settings. Hope this helps.
>
> Steve
> K1IIG

Yahoo! Groups Links

2044. Re: CUrrent price for a 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-04 19:56:22 UTC
From: ki4ge
Topic: 2034 Message: 2044

I took delivery of my ACOM 2000A about 1 week ago. The price was $6850
with free shipping to SC.

Jerry KI4GE

--- In acom-list@yahoogroups.com, Barry <w2up@...> wrote:
>
> Has anyone gotten a quote lately for a new 2000A in the US. If so,
pse
> tell me what it is.
> Tnx,
> Barry
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>

2045. ACOM 2000A Technical Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-05 21:45:04 UTC
From: ki4ge
Topic: 2045 Message: 2045

I recently bought an ACOM 2000A and need a copy of the Technical Supplement mentioned in the manual.

Does anyone have a link to where I can download the Technical Supplement?

Thanks, Jerry KI4GE

2046. Re: [acom-list] ACOM 2000A Technical Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-05 22:26:34 UTC
From: Jerry.Van
Topic: 2045 Message: 2046

Try this link. http://www.hfpower.com/acom2000acd.zip Lots of data.
About 31 MB.

Jerry N8BM

----- Original Message -----
From: ki4ge
To: acom-list@yahoogroups.com
Sent: Tuesday, June 05, 2007 5:45 PM
Subject: [acom-list] ACOM 2000A Technical Supplement

I recently bought an ACOM 2000A and need a copy of the Technical
Supplement mentioned in the manual.

Does anyone have a link to where I can download the Technical
Supplement?

Thanks, Jerry KI4GE

2047. ACOM 1000 Technical Supplement (WAS: ACOM 2000A Technical Supplement)

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-05 22:39:02 UTC
From: Paul M Dunphy
Topic: 2045 Message: 2047

At 07:26 PM 05/06/2007, Jerry.Van wrote:

>Try this link. http://www.hfpower.com/acom2000acd.zip Lots of data.
>About 31 MB.
>
>Jerry N8BM

Lots of info here for us mere mortals who just have ACOM-1000s as well:

http://www.hfpower.com/acom1000cd.zip

Only about 6.6 MB.

73/DX Paul VE1DX

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.472 / Virus Database: 269.8.9/832 - Release Date: 04/06/2007 6:43 PM

2048. Re: ACOM 2000A Technical Supplement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-06 00:48:11 UTC
From: ki4ge
Topic: 2045 Message: 2048

Thanks Jerry and Paul. That was just the information I was looking
for. I really appreciate it. The information will be very useful.

73, Jerry, KI4GE

--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> I recently bought an ACOM 2000A and need a copy of the Technical
> Supplement mentioned in the manual.
>
> Does anyone have a link to where I can download the Technical
> Supplement?
>
> Thanks, Jerry KI4GE
>

2049. Re: Connecting the ACOM 2000a To A Computer

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-06 01:03:43 UTC
From: ki4ge
Topic: 2020 Message: 2049

Thanks to Jerry, N8BM, I found the information I needed to build the cable for connecting the ACOM 2000A to the computer.

The Technical Supplement has the following information about the special cable that is needed. Please pay particular attention to the caution in the instructions because severe damage can be caused if you don't.

"b) A "null-modem" type cable is needed for ACOM 2000A and it may be home-made or you can buy it, but all extra connections must be cut.

ONLY(!) the connections listed below should remain connected there because of the +/-18V.

ACOM2000A to PC cable:

female CANNON-DB9 female CANNON-DB9 female CANNON-DB25 Signal Name

(ACOM2000A) (COM1 - PC) (COM2 - PC) ACOM - PC)

nr. 2 nr. 3 nr. 3 RxD-TxD
nr. 3 nr. 2 nr. 2 TxD-RxD
nr. 5 nr. 5 nr. 7 Signal Ground
metal case metal case metal case + nr.1 Cable Shield

NOTE - Do not forget to connect the shield braid on both cable ends!

Please contact ACOM Ltd. for additional information on cabling the Automatic antenna selector ACOM2000S, including the Remote antenna switch ACOM2000SW."

73, Jerry, KI4GE

--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> I just received my ACOM 2000A and need to connect it to my computer so
> I can control the system over the internet.
>
> The manual has a caution about not using a "standard" cable for the
> connection between the amplifier and the computer. What type of cable
> is needed and where can I get it?
>
> I have tried to call ACOM for the last few days but get no answer.
> Maybe they are still on vacation after Dayton.
>

> Any help will be appreciated.
>
> Jerry, KI4GE
>

2050. Re: Connecting the ACOM 2000a To A Computer

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-06 12:17:59 UTC
From: ki4ge
Topic: 2020 Message: 2050

Hopefully, this version will provide better formatting and make it
easier to read and understand<g>.

"b) A "null-modem" type cable is needed for ACOM 2000A and it may be
home-made or you can buy it, but all extra connections must be cut.

ONLY(!) the connections listed below should remain connected there
because of the +/-18V.

ACOM2000A to PC cable:

female CANNON-DB9...female CANNON-DB9...female CANNON-DB25...Signal
Name

..(ACOM2000A).....(COM1 - PC).....(COM2 - PC).....(ACOM -
PC)

.....nr. 2.............nr. 3.............nr. 3.............RxD-
TxD
.....nr. 3.............nr. 2.............nr. 2.............TxD-
RxD
.....nr. 5.............nr. 5.............nr. 7...........Signal
Ground

..metal case.....metal case.....metal case + nr.1...Cable
Shield

NOTE - Do not forget to connect the shield braid on both cable ends!

Please contact ACOM Ltd. for additional information on cabling the
Automatic antenna selector ACOM2000S, including the Remote antenna
switch ACOM2000SW."

73, Jerry, KI4GE

--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> Thanks to Jerry, N8BM, I found the information I needed to build
the
> cable for connecting the ACOM 2000A to the computer.
>
> The Technical Supplement has the following information about the
> special cable that is needed. Please pay particular attention to
the
> caution in the instructions because severe damage can be caused if
> you don't.
>

> "b) A "null-modem" type cable is needed for ACOM 2000A and it may
be
> home-made or you can buy it, but all extra connections must be cut.
>
> ONLY(!) the connections listed below should remain connected there
> because of the +/-18V.
>
> ACOM2000A to PC cable:
>
> female CANNON-DB9 female CANNON-DB9 female CANNON-DB25 Signal Name
>
> (ACOM2000A) (COM1 - PC) (COM2 - PC) ACOM - PC)
>
> nr. 2 nr. 3 nr. 3 RxD-TxD
> nr. 3 nr. 2 nr. 2 TxD-RxD
> nr. 5 nr. 5 nr. 7 Signal
Ground
> metal case metal case metal case + nr.1 Cable Shield
>
> NOTE - Do not forget to connect the shield braid on both cable ends!
> ----
>
> Please contact ACOM Ltd. for additional information on cabling the
> Automatic antenna selector ACOM2000S, including the Remote antenna
> switch ACOM2000SW."
>
> 73, Jerry, KI4GE
>
> --- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@> wrote:
> >
> > I just received my ACOM 2000A and need to connect it to my
computer
> so
> > I can control the system over the internet.
> >
> > The manual has a caution about not using a "standard" cable for
the
> > connection between the amplifier and the computer. What type of
> cable
> > is needed and where can I get it?
> >
> > I have tried to call ACOM for the last few days but get no
answer.
> > Maybe they are still on vacation after Dayton.
> >
> > Any help will be appreciated.
> >
> > Jerry, KI4GE
> >
>

2051. Re: [acom-list] ACOM 1000 Technical Supplement (WAS: ACOM 2000A Technical Supplement)

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-06 19:11:08 UTC
From: Andy Hamon
Topic: 2045 Message: 2051

Anything for the A1010??

73

Andy, GU4WTN

On 5 Jun 2007, at 23:39, Paul M Dunphy wrote:

> At 07:26 PM 05/06/2007, Jerry.Van wrote:
>
> >Try this link. http://www.hfpower.com/acom2000acd.zip Lots of data.
> >About 31 MB.
> >
> >Jerry N8BM
>
> Lots of info here for us mere mortals who just have ACOM-1000s as
> well:
>
> http://www.hfpower.com/acom1000cd.zip
>
> Only about 6.6 MB.
>
> 73/DX Paul VE1DX
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.472 / Virus Database: 269.8.9/832 - Release Date:
> 04/06/2007 6:43 PM
>
>
>

[Non-text portions of this message have been removed]

2052. Re: ACOM 1000 Technical Supplement (WAS: ACOM 2000A Technical Supplement)

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-07 18:06:59 UTC
From: Paul M Dunphy
Topic: 2045 Message: 2052

--- In acom-list@yahoogroups.com, Andy Hamon <andyh@...> wrote:
>
> Anything for the A1010??
>
> 73
>
> Andy, GU4WTN

Not that I can find, Andy. I just took the end portion of the original URL and changed the "2000acd.zip" to "1000cd.zip" and it was there. I tried changing it to "1010cd.zip" and didn't find anything. These appear to be zipped images of CDs, so maybe an email to ACOM asking for the ACOM-1010 CD (or sending them the two other URLs) and asking is something similar exists for the 1010 might provide you with something.

73/DX Paul VE1DX

2053. Arc Fault Question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-08 02:50:23 UTC
From: W0UCE
Topic: 2053 Message: 2053

I inadvertently deleted a message addressed to w0uce@... with "Arc Fault" in the subject line and was unable to recover it.

If the e-mail came from someone on the Acom-list please resend; I apologize for the inconvenience.

Thanks & 73,

Jack W0UCE

[Non-text portions of this message have been removed]

2054. R: [acom-list] Arc Fault Question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-08 20:33:37 UTC
From: Tiziano Christen
Topic: 2053 Message: 2054

Hi Jack,

it was my question. I finally solved the problem putting an high pass filter between the Orion I and the Acom 2000A as suggested by Stan LZ1IU.

Regards

Tiziano HB9BLQ

From: Tiziano <mailto:tich@...> Christen

To: 'Stanimir Lekov' <mailto:acom@...>

Cc: <mailto:101491@...> 'Daniele Christen'

Sent: Thursday, June 07, 2007 11:03 PM

Subject: R: Tnx

Hi Stan,

I built the filter you suggested me and I tried it today. It works perfectly and now all problems disappeared.

I'm driving now the Acom 2000A with TX OUT-TX EN signals from the Orion and I can increase QSK delay >20% for proper delay in CW.

On all bands and by varying drive power no Arc fault alarm appears anymore.

I really thank you very much for the suggestion.

Best regards and talk to you soon on the air

Tiziano HB9BLQ

Da: Stanimir Lekov [mailto:acom@...]
Inviato: mardi, 5. juin 2007 11:35
A: Tiziano Christen
Oggetto: Tnx

Hello Tiziano,

I used to be very active nearly 40 to 20 years ago from various club stations, LZ2KRS, LZ2KRE, LZ1KDP, LZ1KIA. Unfortunately, I am only rarely on the bands lately. The latest time I operated from home it was last Christmas, hi. I hope to be able finding more time for the hobby in the near future, moreover we both are radio amateurs with my XYL Ulyana LZ1VU.

Please inform me about the test with a HPF

73 Stan LZ1IU, ex LZ2IF.

----- Original Message -----

From: <mailto:tich@...> Tiziano Christen

To: <mailto:acom@...> 'Stanimir Lekov'

Sent: Monday, June 04, 2007 11:01 PM

Subject: R: HPF

Excellent Stan. I will try with this filter and let you know the results.

Are you present at the Hamradio? Maybe I'll see you there.

Regards and thanks again for your kindness.

Tiziano HB9BLQ

_____

Da: Stanimir Lekov [mailto:acom@...]
Inviato: lundi, 4. juin 2007 10:03
A: Tiziano Christen
Oggetto: HPF

Hello Tiziano,

Thank you for the additional information. I see that in fact you want
semi-break in CW operation (the 0% Delay is full-bk or QSK mode). The
problem appears in the transmission pauses between dots and dashes when the
whole system is in TX mode but with no RF drive.

I suppose that the LF suppression at the Orion output is insufficient.
Adding a filter in the form shown in the file HPF.doc (I sent you attached
with the first letter) should cure the problem in this case. I have heard
that Ten Tec may supply similar filters for their early units.

If you have questions please contact us again.

73 Stan LZ1IU
Sofia, 4 June 2007.

----- Original Message -----

From: <mailto:tich@...> Tiziano Christen

To: <mailto:acom@...> 'Stanimir Lekov'

Sent: Sunday, June 03, 2007 10:52 PM

Subject: R: Dunestar etc

Hi Stan,

Thanks for the new reply.

I have the problem in CW only. In SSB normal PTT is quite slow and does not create any problem.

The Ten Tec Orion is connected with its TX out to the KEY-IN of 2000A and the KEY-OUT of 2000A is connected to the TX-EN input of Orion. To operate without ARC Fault alarm, which appears more on lower bands (1.8, 3.5, /, 10Mhz), I need to set the QSK Delay of the Orion to 0%. This regardless if the drive is low or high. The problem is that with QSK=0 at every dot in CW linear switches to RX. I fear this operating mode will damage the antenna relay very fast.

The Linear does not work only with the normal AMP Key output of the Orion. I have always the Arc fault alarm.

The Dunestar is a band pass filter and therefore it cuts also frequencies below 1Mhz.

With other transceivers such as Kenwood TS870S the Acom linear works fine.

Regards

Tiziano

HB9BLQ

Da: Stanimir Lekov [mailto:acom@...]
Inviato: mardi, 29. mai 2007 10:31
A: Tiziano Christen
Oggetto: Dunestar etc

Hello Tiziano,

I do not know the characteristics of Dunestar but I suppose once it is band-pass type, it should suppress also the low frequencies. The suppression for frequencies in the range 100kHz to 1MHz is of special interest.

Please tell me some more about the behaviour when you change bands, modes, drive level etc and also whether you have tried with another model of transceiver. Also, I would like to know how is connected the KEY-IN and KEY-OUT control to the transceiver.

73 Stan LZ1IU
Sofia, 29 May 2007.

----- Original Message -----

From: <mailto:tich@...> Tiziano Christen

To: <mailto:acom@...> 'Stanimir Lekov'

Sent: Monday, May 28, 2007 6:41 PM

Subject: R: Acom 2000 tripping with TEn Tec Orion

Stan,

actually I have a Dunestar 6 band filter between Orion and Acom, this would already cut low frequencies, isn't it?

73 Tiziano

Da: Stanimir Lekov [mailto:acom@...]
Inviato: lundi, 28. mai 2007 14:26
A: Tiziano Christen
Oggetto: Re: Acom 2000 tripping with TEn Tec Orion

Hello Tiziano,

Yes, your unit has the modification readily available. I think that you should try with the High-Pass filter in this case.

73 Stan LZ1IU

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di W0UCE
Inviato: vendredi, 8. juin 2007 04:50
A: acom-list@yahoogroups.com
Oggetto: [acom-list] Arc Fault Question

I inadvertently deleted a message addressed to w0uce@....
<mailto:w0uce%40nc.rr.com> com with "Arc
Fault" in the subject line and was unable to recover it.

If the e-mail came from someone on the Acom-list please resend; I apologize for the inconvenience.

Thanks & 73,

Jack W0UCE

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2316 (20070607) _____

Questo messaggio h stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

La mia Cartella di Posta in Arrivo e protetta con SPAMfighter
299 messaggi contenenti spam sono stati bloccati con successo.
Scarica gratuitamente SPAMfighter <http://www.spamfighter.com/lit> !

[Non-text portions of this message have been removed]

2055. One box or two?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-09 19:53:49 UTC
From: Barry
Topic: 2055 Message: 2055

I'm getting ready to pack up an Acom 2000A and I can't find the box for the transformer (if there is one.) I remember installing it, but did it ship with the amp in the big box or separately?
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2056. Re: [acom-list] One box or two?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-09 19:59:54 UTC
From: Jerry.Van
Topic: 2055 Message: 2056

My recent 2000A was received in two boxes, a separate one for the xformer. And the xformer was bolted to a wooden platform which fit down inside its box. Perhaps Will or Krassy could send you one.

Jerry N8BM

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Saturday, June 09, 2007 3:53 PM
Subject: [acom-list] One box or two?

I'm getting ready to pack up an Acom 2000A and I can't find the box for the transformer (if there is one.) I remember installing it, but did it ship with the amp in the big box or separately?
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2057. Re: [acom-list] One box or two?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-09 20:03:20 UTC
From: Barry
Topic: 2055 Message: 2057

Gee, I hate when responses take so long :.)
I'll have to look around and see if I can find it. I thought it came
separately, but wasn't sure...
Tnx,
Barry

Jerry.Van wrote:
>
> My recent 2000A was received in two boxes, a separate one for the
> xformer. And the xformer was bolted to a wooden platform which fit down
> inside its box. Perhaps Will or Krassy could send you one.
>
> Jerry N8BM
>
> ----- Original Message -----
> From: Barry
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Saturday, June 09, 2007 3:53 PM
> Subject: [acom-list] One box or two?
>
> I'm getting ready to pack up an Acom 2000A and I can't find the box for
> the transformer (if there is one.) I remember installing it, but did it
> ship with the amp in the big box or separately?
> Tnx,
> Barry
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>
>

--

Barry Kutner, W2UP
Newtown, PA

[Non-text portions of this message have been removed]

2058. Found the other box - never mind...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-09 20:08:04 UTC
From: Barry
Topic: 2058 Message: 2058

Already got a reply describing the transformer box and I found it. So
no more responses needed.
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2059. For shipping purposes, what percentage of value is the transformer?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-19 21:52:15 UTC
From: Barry
Topic: 2059 Message: 2059

I'm going to ship an Acom 2000A. Any suggestions on how to split the
value of the amp in terms of the 2 boxes - amp and transformer?
Tnx,
Barry

--

Barry Kutner, W2UP
Newtown, PA

2060. Re: [acom-list] For shipping purposes, what percentage of value is the transformer?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-06-20 01:22:12 UTC
From: N6KI Dennis Vernacchia
Topic: 2059 Message: 2060

I'd find out what Peter Dahl wants for a replacement XFMR and pad that price , then the balance on 2000A Deck

73, Dennis N6KI

Barry wrote:
>
>
> I'm going to ship an Acom 2000A. Any suggestions on how to split the
> value of the amp in terms of the 2 boxes - amp and transformer?
> Tnx,
> Barry
>
> --
>
> Barry Kutner, W2UP
> Newtown, PA
>
>

2061. Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-02 12:47:26 UTC
From: Robert Naumann
Topic: 1555 Message: 2061

I'm living in a no antenna neighborhood, and it looks like I'm going to be here for a while, so my Acom 2000A will not be used much.

It is about 8 years old, and it has been updated twice by Acom. It has the auxiliary fan wired to switch on only when necessary and it works.

This amp has been to Antigua 3 times, shipped in the original cartons with the transformer removed, and it has some scratches on it, but it works perfectly.

I also have a spare set of new tubes that have never been installed that will go with it. I have the original manuals.

Please contact me directly if interested. I can ship it via insured UPS if necessary.

Bob Naumann - W5OV
Sachse, TX

2062. Cable between Acom 2000a AND AcomTools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-15 01:35:09 UTC
From: va2nrj
Topic: 2062 Message: 2062

What kind of cable do I need between my Acom 2000a and the software AcomTools 1.5 ?

Standart modem cable ...null modem cable or special pinout ....

Thanks

VA2NRJ

2063. Re: Cable between Acom 2000a AND AcomTools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-15 01:57:15 UTC
From: ki4ge
Topic: 2062 Message: 2063

--- In acom-list@yahoogroups.com, "va2nrj" <robindel@...> wrote:
>
> What kind of cable do I need between my Acom 2000a and the software
> AcomTools 1.5 ?
>
> Standart modem cable ...null modem cable or special pinout ....
>
> Thanks
>
> VA2NRJ
>

You need several things, due to the special design of the ACOM 2000A interface. First, you need to use either a null modem cable or a null modem adapter and a standard DB-9 cable.

Second (AND THIS IS TERRIBLY IMPORTANT) you have to disable all of the pins expect 2, 3, and 5. The important reason for this is that one of the other pins has 18 volts on it. Failure to disable this pin will smoke anything that is connected to it. The technique I use is to pull the pins out. To do this, you need to make sure that you install those little special nuts (or something else that is suitable) so that you don't destroy the connections to pins 2, 3 & 5. If you don't do this, you will destroy the entire plug (the voice of experience).

73, Jerry, KI4GE

2064. Re: Cable between Acom 2000a AND AcomTools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-15 12:30:32 UTC
From: va2nrj
Topic: 2062 Message: 2064

```
--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> --- In acom-list@yahoogroups.com, "va2nrj" <robindel@> wrote:
> >
> > What kind of cable do I need between my Acom 2000a and the
software
> > AcomTools 1.5 ?
> >
> > Standart modem cable ...null modem cable or special pinout ....
> >
> > Thanks
> >
> > VA2NRJ
> >
>
>
> You need several things, due to the special design of the ACOM
2000A
> interface. First, you need to use either a null modem cable or a
> null modem adapter and a standard DB-9 cable.
>
> Second (AND THIS IS TERRIBLY IMPORTANT) you have to disable all of
> the pins expect 2, 3, and 5. The important reason for this is that
> one of the other pins has 18 volts on it. Failure to disable this
> pin will smoke anything that is connected to it. The technique I
use
> is to pull the pins out. To do this, you need to make sure that
you
> install those little special nuts (or something else that is
> suitable) so that you don't destroy the connections to pins 2, 3 &
> 5. If you don't do this, you will destroy the entire plug (the
voice
> of experience).
>
> 73, Jerry, KI4GE
>

Thanks all lot Jerry

Your answer is exactly what I need
I m going to do exactly what you suggest

Thanks

73
```

2065. Re: Cable between Acom 2000a AND AcomTools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-16 11:37:34 UTC
From: Dick Green
Topic: 2062 Message: 2065

--- In acom-list@yahoogroups.com, "va2nrj" <robindel@...> wrote:

> Your answer is exactly what I need
> I m going to do exactly what you suggest

You should also know that AcomTools doesn't work reliably under Windows XP. Most of us had to stop using it when we upgraded to that O/S years ago. There's been no maintanence on the program for about 5 years.

73, Dick WC1M

2066. Test Ignore/Delete

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-17 06:34:59 UTC
From: Dennis Vernacchia
Topic: 2066 Message: 2066

Test Ignore/Delete

[Non-text portions of this message have been removed]

2067. Auto Ant Selector / Remote Ant Switch / 2000A - Only Works Manually

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-19 20:27:34 UTC
From: Ralph
Topic: 2067 Message: 2067

I'm trying to get the 2000S antenna selector and switch to work automatically and follow the 2000A band changes. So far no luck but works fine manually.

There was some confusion on the correct serial cable from the 2000A to the antenna control box. Will @ ACOM said I need just a straight thru 9 pin. The modem null cable is not needed since I'm not using a PC.

I have the RCU menu set for Ant Selector ON. I have the RCU A1 A2 A3 etc programmed for each band. No response at all from the antenna switch or selector when changing bands. It like the serial cable is not even connected.

If anyone has any experience or knowledge with this and can assist me, I would really appreciate it!

73,
Ralph K1ZZI

2068. 2000 vs 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-29 13:51:07 UTC
From: Dave Hawes
Topic: 2068 Message: 2068

Does anyone know the difference between the features of the 2000 vs 2000A? A friend has the opportunity to buy a vintage 1999 Acom 2000 at a good price, but doesn't know if there are any differences of significance.

Can anyone help with an explanation?

73 - Dave N3RD

2069. Re: [acom-list] 2000 vs 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-07-31 07:57:29 UTC
From: Dennis Vernacchia
Topic: 2068 Message: 2069

As fara as I know the main differences to be concerned about
are that the 1999 model will have a noisy QSK relay which is silent in newer
(after 2002 models ?) and it also may have the old filament connectors
in it that were prone to go bad (overheat and burn) if they haven't been
already upgraded.

I know of no other concerns and if you don't run QSK when you are
running CW, then the noisy QSK relay is not an issue

73, Dennis N6KI

On 9/29/07, Dave Hawes <dave.n3rd@...> wrote:
>
> Does anyone know the difference between the features of the 2000 vs
> 2000A? A friend has the opportunity to buy a vintage 1999 Acom 2000
> at a good price, but doesn't know if there are any differences of
> significance.
>
> Can anyone help with an explanation?
>
> 73 - Dave N3RD
>
>

[Non-text portions of this message have been removed]

2070. Dualwatch

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-02 11:40:51 UTC
From: oz2ht
Topic: 2070 Message: 2070

I want to listen on two antenna at same time (dualwatch) - My rig
have 4 ant. opt. so no problem there.
The problem is , that I want to use the 2000A on both antenna , but on
the 2000A there is only one ant.
Any suggesting ?
vy 73 jorn

2071. Re: [acom-list] Dualwatch two antennas...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-03 20:23:12 UTC
From: ny9h
Topic: 2070 Message: 2071

You could use two of the top ten devices a/b switches,
and have them flip ant1 and 2 between the two antennas....

i flip two different amps between two different radios... and two
antennas... same idea....

http://www.qth.com/topten/abss.htm

they even maintain decent isolation...

bill

At 06:40 AM 8/2/2007, you wrote:

>I want to listen on two antenna at same time (dualwatch) - My rig
>have 4 ant. opt. so no problem there.
>The problem is , that I want to use the 2000A on both antenna , but on
>the 2000A there is only one ant.
>Any suggesting ?
>vy 73 jorn
>
>
>
>
>Yahoo! Groups Links
>
>
>

2072. Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-03 22:35:37 UTC
From: ki4ge
Topic: 2072 Message: 2072

I recently purchased a new ACOM 2000A amp and started to power it up for the first time today. After I turned on the power switch and pushed the ON/OFF button on the RCU the initialization began and the countdown started. However, when it reached 138 seconds remaining the PROT light came on and MICROPOCESSOR CONFLICT was displayed on the LCD display and initilization stopped. I followed the instructions in the manual and turned the system off for 5 minutes. When I restarted the system again the same thing happened again.

I then use CLR and Erase Nonvolatile Memory in an attempt to reset the microprocessor and then tried to restart the system. It went through the same sequence again, stopping when the PROT light came on and MICROPROCESSOR CONFLICT was displayed on the LCD display.

I have sent an email to ACOM describing the fault. Any other ideas for me to try in the meantime?

73 KI4GE

2073. Re: [acom-list] Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-03 23:22:40 UTC
From: k2qmf@juno.com
Topic: 2072 Message: 2073

Hello KI4GE,

I had the very same problem with my 2000A.
It turned out to be a shorted (leaky) capacitor (C6) on the
CPU board inside the 2000A. This board is behind the interface
board and is kinda hard to get to.

Good Luck...

73,
Ted K2QMF

On Fri, 03 Aug 2007 22:35:37 -0000 "ki4ge" <KI4GE@...> writes:
> I recently purchased a new ACOM 2000A amp and started to power it up
>
> for the first time today. After I turned on the power switch and
> pushed the ON/OFF button on the RCU the initialization began and the
>
> countdown started. However, when it reached 138 seconds remaining
> the
> PROT light came on and MICROPOCESSOR CONFLICT was displayed on the
> LCD
> display and initilization stopped. I followed the instructions in
> the
> manual and turned the system off for 5 minutes. When I restarted
> the
> system again the same thing happened again.
>
> I then use CLR and Erase Nonvolatile Memory in an attempt to reset
> the
> microprocessor and then tried to restart the system. It went
> through
> the same sequence again, stopping when the PROT light came on and
> MICROPROCESSOR CONFLICT was displayed on the LCD display.
>
> I have sent an email to ACOM describing the fault. Any other ideas
> for
> me to try in the meantime?
>
> 73 KI4GE
>
>
>
>
> Yahoo! Groups Links
>

>
>
>
>

2074. RE: [acom-list] Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-04 01:29:46 UTC
From: Peter Naumburg
Topic: 2072 Message: 2074

Check the install of the transformer. It is possible plug the plugs offset.

Peter

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of ki4ge
Sent: Friday, August 03, 2007 4:36 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Microprocessor Conflict Error

I recently purchased a new ACOM 2000A amp and started to power it up for the first time today. After I turned on the power switch and pushed the ON/OFF button on the RCU the initialization began and the countdown started. However, when it reached 138 seconds remaining the PROT light came on and MICROPOCESSOR CONFLICT was displayed on the LCD display and initilization stopped. I followed the instructions in the manual and turned the system off for 5 minutes. When I restarted the system again the same thing happened again.

I then use CLR and Erase Nonvolatile Memory in an attempt to reset the microprocessor and then tried to restart the system. It went through the same sequence again, stopping when the PROT light came on and MICROPROCESSOR CONFLICT was displayed on the LCD display.

I have sent an email to ACOM describing the fault. Any other ideas for me to try in the meantime?

73 KI4GE

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.476 / Virus Database: 269.11.4/935 - Release Date: 8/3/2007 5:46 PM

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.476 / Virus Database: 269.11.4/935 - Release Date: 8/3/2007 5:46 PM

[Non-text portions of this message have been removed]

2075. Re: Dualwatch two antennas...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-04 12:00:15 UTC
From: oz2ht
Topic: 2070 Message: 2075

Right Bill , this is a way to do it ... Thanks for the link !

Vy 73 jorn

--- In acom-list@yahoogroups.com, ny9h <ny9h@...> wrote:
>
> You could use two of the top ten devices a/b switches,
> and have them flip ant1 and 2 between the two antennas....
>
> i flip two different amps between two different radios... and two
> antennas... same idea....
>
> http://www.qth.com/topten/abss.htm
>
>
> they even maintain decent isolation...
>
> bill
>
> At 06:40 AM 8/2/2007, you wrote:
>
> >I want to listen on two antenna at same time (dualwatch) - My rig
> >have 4 ant. opt. so no problem there.
> >The problem is , that I want to use the 2000A on both antenna ,
but on
> >the 2000A there is only one ant.
> >Any suggesting ?
> >vy 73 jorn
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
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>

2076. Re: Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-05 12:22:42 UTC
From: ki4ge
Topic: 2072 Message: 2076

Thanks Ted and Peter for the suggestions.

After further troubleshooting, I found what the problem was but I have not yet found out why it was a problem<g>.

I had a specially modified null modem cable connected to the RS 232 port on the linear (only pins 2, 3, and 5 remain - all other pins were removed). The cable was not connected to anything else, just the linear. After I removed this cable, the linear operated normally.

When I have some more time, I will try to figure out why this cable caused the Microprocessor Conflict problem.

It is now working fine. I really like the amp.

Thanks for the help.

--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> I recently purchased a new ACOM 2000A amp and started to power it up
> for the first time today. After I turned on the power switch and
> pushed the ON/OFF button on the RCU the initialization began and the
> countdown started. However, when it reached 138 seconds remaining the
> PROT light came on and MICROPOCESSOR CONFLICT was displayed on the LCD
> display and initilization stopped. I followed the instructions in the
> manual and turned the system off for 5 minutes. When I restarted the
> system again the same thing happened again.
>
> I then use CLR and Erase Nonvolatile Memory in an attempt to reset the
> microprocessor and then tried to restart the system. It went through
> the same sequence again, stopping when the PROT light came on and
> MICROPROCESSOR CONFLICT was displayed on the LCD display.
>
> I have sent an email to ACOM describing the fault. Any other ideas for
> me to try in the meantime?
>
> 73 KI4GE

>

2077. Re: [acom-list] Re: Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-05 14:20:13 UTC
From: Barry
Topic: 2072 Message: 2077

Probably a short in the cable.

Although I haven't used the serial connection for several years because
Acom Tools is flaky under XP, it worked great with Win98.
73,
Barry W2UP

ki4ge wrote:
>
> Thanks Ted and Peter for the suggestions.
>
> After further troubleshooting, I found what the problem was but I
> have not yet found out why it was a problem<g>.
>
> I had a specially modified null modem cable connected to the RS 232
> port on the linear (only pins 2, 3, and 5 remain - all other pins
> were removed). The cable was not connected to anything else, just
> the linear. After I removed this cable, the linear operated normally.
>
> When I have some more time, I will try to figure out why this cable
> caused the Microprocessor Conflict problem.
>
> It is now working fine. I really like the amp.
>
> Thanks for the help.
>
> --- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>,
> "ki4ge" <KI4GE@...> wrote:
> >
> > I recently purchased a new ACOM 2000A amp and started to power it
> up
> > for the first time today. After I turned on the power switch and
> > pushed the ON/OFF button on the RCU the initialization began and
> the
> > countdown started. However, when it reached 138 seconds remaining
> the
> > PROT light came on and MICROPOCESSOR CONFLICT was displayed on the
> LCD
> > display and initilization stopped. I followed the instructions in
> the
> > manual and turned the system off for 5 minutes. When I restarted
> the
> > system again the same thing happened again.
> >
> > I then use CLR and Erase Nonvolatile Memory in an attempt to reset

> the
> > microprocessor and then tried to restart the system. It went
> through
> > the same sequence again, stopping when the PROT light came on and
> > MICROPROCESSOR CONFLICT was displayed on the LCD display.
> >
> > I have sent an email to ACOM describing the fault. Any other ideas
> for
> > me to try in the meantime?
> >
> > 73 KI4GE
> >
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.476 / Virus Database: 269.11.4/936 - Release Date: 8/4/2007 2:42 PM
>

--

Barry Kutner, W2UP Newtown, PA

[Non-text portions of this message have been removed]

2078. Re: [acom-list] Re: Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-05 15:25:08 UTC
From: ny9h
Topic: 2072 Message: 2078

i may have had the similar error , after i disconnected the basement serial
from the computer. . and I also disconnected the end at the amp, and the
error went away.
The amp IS remoted from the basement, so the antenna lines as well as
control all run parallel. Small chokes did not clear the problem for me.
But as mentioned before, not an issue till someone writes decent control
software......

bill

At 07:22 AM 8/5/2007, you wrote:

>Thanks Ted and Peter for the suggestions.
>
>After further troubleshooting, I found what the problem was but I
>have not yet found out why it was a problem<g>.
>
>I had a specially modified null modem cable connected to the RS 232
>port on the linear (only pins 2, 3, and 5 remain - all other pins
>were removed). The cable was not connected to anything else, just
>the linear. After I removed this cable, the linear operated normally.
>
>When I have some more time, I will try to figure out why this cable
>caused the Microprocessor Conflict problem.
>
>It is now working fine. I really like the amp.
>
>Thanks for the help.
>
>--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
> >
> > I recently purchased a new ACOM 2000A amp and started to power it
>up
> > for the first time today. After I turned on the power switch and
> > pushed the ON/OFF button on the RCU the initialization began and
>the
> > countdown started. However, when it reached 138 seconds remaining
>the
> > PROT light came on and MICROPOCESSOR CONFLICT was displayed on the
>LCD
> > display and initilization stopped. I followed the instructions in
>the
> > manual and turned the system off for 5 minutes. When I restarted
>the
> > system again the same thing happened again.
> >

> > I then use CLR and Erase Nonvolatile Memory in an attempt to reset
>the
> > microprocessor and then tried to restart the system. It went
>through
> > the same sequence again, stopping when the PROT light came on and
> > MICROPROCESSOR CONFLICT was displayed on the LCD display.
> >
> > I have sent an email to ACOM describing the fault. Any other ideas
>for
> > me to try in the meantime?
> >
> > 73 KI4GE
> >
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>Yahoo! Groups Links
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2079. Re: Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-05 16:03:31 UTC
From: Ralph
Topic: 2072 Message: 2079

I had the same problem here. The modem null cable was not wired
according to ACOM specs.

I'm still trying to get the ACOM antenna selector to follow the
amp. It only seems to work using the manual switch. No luck yet.

--- In acom-list@yahoogroups.com, ny9h <ny9h@...> wrote:
>
> i may have had the similar error , after i disconnected the
basement serial
> from the computer. . and I also disconnected the end at the amp,
and the
> error went away.
> The amp IS remoted from the basement, so the antenna lines as well
as
> control all run parallel. Small chokes did not clear the problem
for me.
> But as mentioned before, not an issue till someone writes decent
control
> software......
>
> bill
>
>
> At 07:22 AM 8/5/2007, you wrote:
>
> >Thanks Ted and Peter for the suggestions.
> >
> >After further troubleshooting, I found what the problem was but I
> >have not yet found out why it was a problem<g>.
> >
> >I had a specially modified null modem cable connected to the RS
232
> >port on the linear (only pins 2, 3, and 5 remain - all other pins
> >were removed). The cable was not connected to anything else, just
> >the linear. After I removed this cable, the linear operated
normally.
> >
> >When I have some more time, I will try to figure out why this
cable
> >caused the Microprocessor Conflict problem.
> >
> >It is now working fine. I really like the amp.
> >
> >Thanks for the help.

> >
> >--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@> wrote:
> > >
> > > I recently purchased a new ACOM 2000A amp and started to power
it
> >up
> > > for the first time today. After I turned on the power switch
and
> > > pushed the ON/OFF button on the RCU the initialization began
and
> >the
> > > countdown started. However, when it reached 138 seconds
remaining
> >the
> > > PROT light came on and MICROPOCESSOR CONFLICT was displayed on
the
> >LCD
> > > display and initilization stopped. I followed the
instructions in
> >the
> > > manual and turned the system off for 5 minutes. When I
restarted
> >the
> > > system again the same thing happened again.
> > >
> > > I then use CLR and Erase Nonvolatile Memory in an attempt to
reset
> >the
> > > microprocessor and then tried to restart the system. It went
> >through
> > > the same sequence again, stopping when the PROT light came on
and
> > > MICROPROCESSOR CONFLICT was displayed on the LCD display.
> > >
> > > I have sent an email to ACOM describing the fault. Any other
ideas
> >for
> > > me to try in the meantime?
> > >
> > > 73 KI4GE
> > >
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> >Yahoo! Groups Links
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>

2080. Re: Microprocessor Conflict Error

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-06 14:52:39 UTC
From: ki4ge
Topic: 2072 Message: 2080

Thanks Ralph,

I wired the null modem cable in accordance with the instructions in
the Technical Supplement. When I get a chance, I will double check
everything to make sure it is wired correctly and is not shorted.

73 Jerry - KI4GE

--- In acom-list@yahoogroups.com, "Ralph" <k1zzi@...> wrote:
>
> I had the same problem here. The modem null cable was not wired
> according to ACOM specs.
>
> I'm still trying to get the ACOM antenna selector to follow the
> amp. It only seems to work using the manual switch. No luck yet.
>
> --- In acom-list@yahoogroups.com, ny9h <ny9h@> wrote:
> >
> > i may have had the similar error , after i disconnected the
> basement serial
> > from the computer. . and I also disconnected the end at the amp,
> and the
> > error went away.
> > The amp IS remoted from the basement, so the antenna lines as
well
> as
> > control all run parallel. Small chokes did not clear the
problem
> for me.
> > But as mentioned before, not an issue till someone writes decent
> control
> > software......
> >
> > bill
> >
> >
> > At 07:22 AM 8/5/2007, you wrote:
> >
> > >Thanks Ted and Peter for the suggestions.
> > >
> > >After further troubleshooting, I found what the problem was but I
> > >have not yet found out why it was a problem<g>.
> > >
> > >I had a specially modified null modem cable connected to the RS
> 232
> > >port on the linear (only pins 2, 3, and 5 remain - all other pins

> > >were removed). The cable was not connected to anything else,
just
> > >the linear. After I removed this cable, the linear operated
> normally.
> > >
> > >When I have some more time, I will try to figure out why this
> cable
> > >caused the Microprocessor Conflict problem.
> > >
> > >It is now working fine. I really like the amp.
> > >
> > >Thanks for the help.
> > >
> > >--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@> wrote:
> > > >
> > > > I recently purchased a new ACOM 2000A amp and started to
power
> it
> > >up
> > > > for the first time today. After I turned on the power switch
> and
> > > > pushed the ON/OFF button on the RCU the initialization began
> and
> > >the
> > > > countdown started. However, when it reached 138 seconds
> remaining
> > >the
> > > > PROT light came on and MICROPOCESSOR CONFLICT was displayed
on
> the
> > >LCD
> > > > display and initilization stopped. I followed the
> instructions in
> > >the
> > > > manual and turned the system off for 5 minutes. When I
> restarted
> > >the
> > > > system again the same thing happened again.
> > > >
> > > > I then use CLR and Erase Nonvolatile Memory in an attempt to
> reset
> > >the
> > > > microprocessor and then tried to restart the system. It went
> > >through
> > > > the same sequence again, stopping when the PROT light came on
> and
> > > > MICROPROCESSOR CONFLICT was displayed on the LCD display.
> > > >
> > > > I have sent an email to ACOM describing the fault. Any other
> ideas

> > >for
> > > > me to try in the meantime?
> > > >
> > > > 73 KI4GE
> > > >
> > >
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> > >Yahoo! Groups Links
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>

2081. ACOM 2000A RCU problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-08 14:36:24 UTC
From: lewischeek
Topic: 2081 Message: 2081

The following keys no longer function on my RCU.

Left arrow
Up arrow
Enter
OPR / STD

Anyone else has this type of problem and if what was fix?

Removed connectors from amp and RCU as well as reinstalled eprom,
however no luck.

Also, tried ACOM tools withno luck, however I had never used ACOM tools
before.

73
Lew
K4HR

2082. Re: [acom-list] ACOM 2000A RCU problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-08 15:23:04 UTC
From: Michael Friedrich
Topic: 2081 Message: 2082

Concerning ur special problem You should write an email to Stan in Bulgaria, using the email address of acom-bg.com for support. His English and technical service is excellent and he knows each detail of the amp. He is very cooperative.

73 de Michael

> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com
> Gesendet: 08.08.07 16:36:55
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] ACOM 2000A RCU problem ?

>
>
>
>
> The following keys no longer function on my RCU.
>
> Left arrow
> Up arrow
> Enter
> OPR / STD
>
> Anyone else has this type of problem and if what was fix?
>
> Removed connectors from amp and RCU as well as reinstalled eprom,
> however no luck.
>
> Also, tried ACOM tools withno luck, however I had never used ACOM tools
> before.
>
> 73
> Lew
> K4HR
>
>
>
>

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2083. anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-13 16:32:14 UTC
From: va2nrj
Topic: 2083 Message: 2083

Hello

I really love my acom 2000A

I try to find a solution for this troubble:

I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom 2000A
But when I don't want to use my amplifier, I just switch the amplifier in Stand by mode and ask the 7800 to have the full output (about 200 Watts)...Then the acom beep and beep and beep again telling me that I have to reduce my power...
Is there anyway to stop the beep and stay in stand by mode with 200 watts ? even in a hidden menu ?
Or do I really need to power off the amplifier then power on when I need it (and so wait 150 second every time)

Sorry for my poor english

VA2NRJ in Montreal

73's and thanks for your reply

2084. ACOMTOOLS

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-14 22:35:02 UTC
From: lewischeek
Topic: 2084 Message: 2084

Looks like my RCU has failed, does anyone know process to run amp without having RCU connected?

ACOMTOOLS appears to function once I turn amp on via way of ON/OFF button on RCU. At this point my comm port will connect and I can switch between Standby and operate.

I disconnected RCU from 2000A and installed a switch between pins 1 and 5 of DB-9 connector intalled on RCU port. I hear a relay click when contacts close, however amp does not power up.

Any help out there?

73
Lew
K4HR

2085. ACOM1000 drive power

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-16 14:44:02 UTC
From: Brian A
Topic: 2085 Message: 2085

The new ACOM 1000 here has resolved a curious observation.

For some reason, all the amps I've had here seem to have needed more drive for the same amplifier output on 20M.

Problem turned out to be with the metering of the exciter. On 20M, the same power setting produces 10-15 fewer watts than other bands. On 6M the exciter puts out 30% less power. Apparently, the exciter output (for the same "power" setting) varies considerably from band to band.

Being able to monitor gain and drive power with the 1000 cleared up my errant observation. I'm not now concerned with cranking up the 20M drive to whatever it takes.

Another observation. Comparion of the Autek WM 1 indicated power with the ACOM1000 is within a few percent on 40-10. On 80 and 160 the AUTEK indicates 12% and 19% higher power. I don't have a clue which is right. The SWR of the antennas used on all bands was <1.2:1. Anybody checked the ACOM1000 output power on 160/80 with a dummy load/wattmeter?

73 de Brian/K3KO

2086. Arc Fault revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-22 04:43:07 UTC
From: billdz.geo
Topic: 2086 Message: 2086

I've suddenly been getting an intermittent arc fault when using my 2000a, so I did a search of this reflector and learned that the arc fault issue has been discussed many times. Despite reading all of the old posts, I'm still unclear on 2 things:
* What exactly is the ACOM measuring or sensing that triggers this fault?
* How is it that a transmission line/antenna system with a 1.1:1 swr can trigger the fault? The old posts make clear that the most common cause of this fault is a bad connector or coax. Would not such a defect result in high swr?

73, Bill NZ5N

2087. RE: [acom-list] Arc Fault revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-22 10:50:01 UTC
From: Robert Naumann
Topic: 2086 Message: 2087

Bill,

If the arc "finishes" and burns a carbon path it may cause a bad swr
situation that you would see under all circumstances.

If it is just arcing, the arc only occurs when you transmit at a high enough
power level and then appears to be normal when you stop transmitting, or
lower your power output.

I think that in most cases, when the amp tells you that it is detecting an
arc, there is one occurring somewhere between the output connector of your
2000A and your antenna.

Have you tried a different antenna or a dummy load?

73,

Bob W5OV

-----Original Message-----
From: billdz.geo [mailto:billdz.geo@...]
Sent: Tuesday, August 21, 2007 11:43 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Arc Fault revisited

I've suddenly been getting an intermittent arc fault when using my
2000a, so I did a search of this reflector and learned that the arc
fault issue has been discussed many times. Despite reading all of the
old posts, I'm still unclear on 2 things:
* What exactly is the ACOM measuring or sensing that triggers this fault?
* How is it that a transmission line/antenna system with a 1.1:1 swr
can trigger the fault? The old posts make clear that the most common
cause of this fault is a bad connector or coax. Would not such a
defect result in high swr?

73, Bill NZ5N

Yahoo! Groups Links

2088. Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-22 11:53:55 UTC
From: la3zpa
Topic: 1555 Message: 2088

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> I'm living in a no antenna neighborhood, and it looks like I'm
going to be
> here for a while, so my Acom 2000A will not be used much.
>
> It is about 8 years old, and it has been updated twice by Acom. It
has the
> auxiliary fan wired to switch on only when necessary and it works.
>
> This amp has been to Antigua 3 times, shipped in the original
cartons with
> the transformer removed, and it has some scratches on it, but it
works
> perfectly.
>
> I also have a spare set of new tubes that have never been
installed that
> will go with it. I have the original manuals.
>
> Please contact me directly if interested. I can ship it via
insured UPS if
> necessary.
>
> Bob Naumann - W5OV
> Sachse, TX
>

Hi Bob

Is the 2000A still for sale?

2089. RE: [acom-list] Re: Acom 2000A for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-22 11:58:43 UTC
From: Robert Naumann
Topic: 1555 Message: 2089

Ronny,

My 2000A is sold - thanks!

-Bob W5OV

-----Original Message-----
From: la3zpa [mailto:ronnmaster@...]
Sent: Wednesday, August 22, 2007 6:54 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 2000A for sale

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> I'm living in a no antenna neighborhood, and it looks like I'm
going to be
> here for a while, so my Acom 2000A will not be used much.
>
> It is about 8 years old, and it has been updated twice by Acom. It
has the
> auxiliary fan wired to switch on only when necessary and it works.
>
> This amp has been to Antigua 3 times, shipped in the original
cartons with
> the transformer removed, and it has some scratches on it, but it
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> I also have a spare set of new tubes that have never been
installed that
> will go with it. I have the original manuals.
>
> Please contact me directly if interested. I can ship it via
insured UPS if
> necessary.
>
> Bob Naumann - W5OV
> Sachse, TX
>

Hi Bob

Is the 2000A still for sale?

Yahoo! Groups Links

2090. Re:Arc Fault revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-22 12:29:58 UTC
From: Hal Kennedy
Topic: 2086 Message: 2090

Bill,

The amp senses arc faults at its output. A high pass filter, which will only pass fast transients (not RF up to 28 MHz) is sent to a comparator circuit and that's how it works. Detected transients can either be from momentary shorts or momentary opens - both produce fast transients. Transmission lines operating at 1:1 SWR can have intermittents in them - it happens all the time. Common causes include poor/bad solder joints that go "open" when the wind blows things around, branches touching dipole or other wire antennas (happens here frequently), PL-259s where the braid is almost in contact with the center conductor, etc. The last one I mentioned can be temperature sensitive. I had a two foot jumper outdoors that would intermittently short when the temp got below about 40F. Indoors I could never get it to fail. Other's advice is good advice - using a coax cable that is known to be good and a dummy load - see if your amp still arc faults. The cable should not be one you normally use in your station layout. If the amp still arc faults, it might be time for a tube replacement - but most of the time the amp is telling you the truth - something "out there" is going open or shorting on a transient basis. There are a few people who insist that you don't have to solder the shield on a PL-259 BTW - you can just twist the things on. This is a great way to create arc faults a few years down the road after the wind and your rotor have twisted the fitting for a while. I use a lot of open wire line transmission line here - through the woods. "Arc fault" here usually means; "go out and find the branch that is laying across the transmission line." Frequently a branch can lay across the lines here for days or weeks without problems - until it gets wet, or the wind shifts it just so, etc, etc.

73, Hal, N4GG

[Non-text portions of this message have been removed]

2091. Acom 1000 120 volt operation, help needed

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-28 22:35:14 UTC
From: jwsco3
Topic: 2091 Message: 2091

My Acom 1000 is currently configured for 240 VAC, I need to move my gear to another area of the house for a period of time, since it is only temporary I would like to run the amp on 120 volts. My problem is that I do not have the chart showing how to configure the jumpers and transformer taps for 120 volts, my amplifier was made sometime after 2004, and has the screw terminal strip labeled 84UVWWXXXX, and the low voltage jumpers A and B 1-5. The manual I have is for an older model amp, and the technical supplement available from HFPower is also not current. Can anyone supply me with the information to configure this model amp for 120-125 volts?

Thanks
Will K5FM

2092. Acom 1000 120 volt operation, I have the needed information. Thanks to all!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-29 03:59:59 UTC
From: jwsco3
Topic: 2092 Message: 2092

Many thanks to all who replied with the information I needed. I can see that this group is a very important asset for users of the Acom amplifiers. I have only had my amplifier for a short period of time, and only recently found the group.

73 Will K5FM

2093. Re: [acom-list] Acom 1000 120 volt operation, I have the needed information. Thanks to all!

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-29 07:02:09 UTC
From: Dennis Vernacchia
Topic: 2092 Message: 2093

Will, I too have an older ACOM1000, could you send me copy of what you received for my files, in case I ever use unit in a 100 VAC situation

73, Dennis N6KI
San Diego

On 8/28/07, jwsco3 <jwsco3@...> wrote:
>
> Many thanks to all who replied with the information I needed. I can see
> that this group is a very important asset for users of the Acom
> amplifiers. I have only had my amplifier for a short period of time,
> and only recently found the group.
>
> 73 Will K5FM
>
>
>

[Non-text portions of this message have been removed]

2094. 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-29 23:05:13 UTC
From: halkennedy
Topic: 2094 Message: 2094

I plan to operate a little in a commercial building where the available power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm guessing either the 200V or 220V transformer taps might be okay.
Hal
N4GG

2095. Re: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-29 23:57:40 UTC
From: Will Shinhgleton
Topic: 2094 Message: 2095

You probably should consider just running the amp on 120 volts, the 208 is three phase, the Acom has a single phase power supply. The reason the building is specified as 208/120, is that each phase of a 208 3 phase circuit refrenced to the neutral is 120 volts single phase. Commercial building will bring in three phase power for running large motors, such as in machinery, or HVAC, and then split the 3 phases into 120 volt single phase lighting circuits. Someone else that is a EE can probably do a better job explaining this than me.

Will K5FM

halkennedy <halken@...> wrote:
I plan to operate a little in a commercial building where the available
power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
guessing either the 200V or 220V transformer taps might be okay.
Hal
N4GG

Park yourself in front of a world of choices in alternative vehicles.
Visit the Yahoo! Auto Green Center.

[Non-text portions of this message have been removed]

2096. RE: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 00:11:36 UTC
From: Robert Naumann
Topic: 2094 Message: 2096

Will,

You're correct about the 3 phase, but I think your conclusion needs to be reconsidered.

Running the 2000A on 120v would draw over 20 Amps - easily. This is not good.

Since Hal is going to open it up anyway, he may as well set it for 200 or 220v. I would measure the 208v in the building (phase to phase) to see what it actually is since it can vary up to +/- 10% and then select the closest taps.

73,

Bob W5OV

-----Original Message-----
From: Will Shinhgleton [mailto:jwsco3@...]
Sent: Wednesday, August 29, 2007 6:58 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 208 V three phase

You probably should consider just running the amp on 120 volts, the 208 is three phase, the Acom has a single phase power supply. The reason the building is specified as 208/120, is that each phase of a 208 3 phase circuit refrenced to the neutral is 120 volts single phase. Commercial building will bring in three phase power for running large motors, such as in machinery, or HVAC, and then split the 3 phases into 120 volt single phase lighting circuits. Someone else that is a EE can probably do a better job explaining this than me.

Will K5FM

halkennedy <halken@...> wrote:
I plan to operate a little in a commercial building where the
available
power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
guessing either the 200V or 220V transformer taps might be okay.
Hal
N4GG

Park yourself in front of a world of choices in alternative vehicles.
Visit the Yahoo! Auto Green Center.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2097. RE: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 01:12:46 UTC
From: Will Shinhgleton
Topic: 2094 Message: 2097

I missed the one detail, that you were refering to a 2000a, I was thinking it was the Acom 1000 you wanted to run, sorry about that. You are right, you would want to use something other than the 120 volts.

Will

Robert Naumann <W5OV@...> wrote:
Will,

You're correct about the 3 phase, but I think your conclusion needs to be reconsidered.

Running the 2000A on 120v would draw over 20 Amps - easily. This is not good.

Since Hal is going to open it up anyway, he may as well set it for 200 or 220v. I would measure the 208v in the building (phase to phase) to see what it actually is since it can vary up to +/- 10% and then select the closest taps.

73,

Bob W5OV

-----Original Message-----
From: Will Shinhgleton [mailto:jwsco3@...]
Sent: Wednesday, August 29, 2007 6:58 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 208 V three phase

You probably should consider just running the amp on 120 volts, the 208 is three phase, the Acom has a single phase power supply. The reason the building is specified as 208/120, is that each phase of a 208 3 phase circuit refrenced to the neutral is 120 volts single phase. Commercial building will bring in three phase power for running large motors, such as in machinery, or HVAC, and then split the 3 phases into 120 volt single phase lighting circuits. Someone else that is a EE can probably do a better job explaining this than me.

Will K5FM

halkennedy <halken@...> wrote:
I plan to operate a little in a commercial building where the
available
power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
guessing either the 200V or 220V transformer taps might be okay.
Hal
N4GG

Park yourself in front of a world of choices in alternative vehicles.
Visit the Yahoo! Auto Green Center.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Fussy? Opinionated? Impossible to please? Perfect. Join Yahoo!'s user panel and lay it on us.

[Non-text portions of this message have been removed]

2098. Re: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 01:06:35 UTC
From: K0DAN
Topic: 2094 Message: 2098

I don't think you want to go near 3 phase with your Acom. Find an
electrician who can derive 240VAC +/- 2 phase, it'll be worth it.
73

Dan
K0DAN

----- Original Message -----
From: "halkennedy" <halken@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, August 29, 2007 6:05 PM
Subject: [acom-list] 208 V three phase

>I plan to operate a little in a commercial building where the available
> power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
> guessing either the 200V or 220V transformer taps might be okay.
> Hal
> N4GG
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> Yahoo! Groups Links
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2099. 208 V three phas

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 12:00:45 UTC
From: Hal Kennedy
Topic: 2099 Message: 2099

Thanks for all the on and off reflector answers. Here is a little data for
those who are not familiar with three phase power. Each leg in a three
phase system, normally called A, B and C, presents 120 VAC to neutral and
208 VAC from A to B or B to C or A to C. What you see in each case is a
sinusoid ☐ usually referred to by electricians as single phase. There is no
☐two phase☐ power and there is no way to wire-up a 120/208 three phase
system to make 240 VAC without a step up transformer. Its perfectly okay to
connect an amp between any two of the three legs ☐ but you will have,
nominally 208, volts which is between the available 200 and 220 taps in a
2000A. K1ZZI gave me some good advice ☐ measure the building ☐ then pick
the closest tap. If it☐s 208 or higher I☐ll try the 220 tap. Below 208 I☐
ll go with the 200 tap. This should work fine ☐ Ill post the results.
73, Hal, N4GG

[Non-text portions of this message have been removed]

2100. RE: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 12:47:57 UTC
From: Robert Naumann
Topic: 2094 Message: 2100

Just to be clear, using only two legs (not three) of 208 3 phase power is
(for our purpose) 208v single phase.

A transformer that can produce 240v single phase from 208V at the current
required for the 2000A would be very expensive. Often, you may find that a
120/208 3ph building will have such a transformer for powering special
equipment that requires 240v single phase, and if it is there, by all means
use it. But for a temporary use like this, the cost would be prohibitive.

73,

Bob W5OV

-----Original Message-----
From: K0DAN [mailto:k0dan@...]
Sent: Wednesday, August 29, 2007 8:07 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 208 V three phase

I don't think you want to go near 3 phase with your Acom. Find an
electrician who can derive 240VAC +/- 2 phase, it'll be worth it.
73

Dan
K0DAN

----- Original Message -----
From: "halkennedy" <halken@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, August 29, 2007 6:05 PM
Subject: [acom-list] 208 V three phase

>I plan to operate a little in a commercial building where the available
> power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
> guessing either the 200V or 220V transformer taps might be okay.
> Hal
> N4GG
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> Yahoo! Groups Links
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Yahoo! Groups Links

2101. Re: [acom-list] 208 V three phase

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 14:05:01 UTC
From: Paul Hudson
Topic: 2094 Message: 2101

I have used a 24 Volt 25 Amp transformer to boost the 208 to 232 volts which
then powers the Amp quite well.

73,

Paul VE3TA

On 8/30/07, Robert Naumann <W5OV@...> wrote:
>
> Just to be clear, using only two legs (not three) of 208 3 phase power
> is
> (for our purpose) 208v single phase.
>
> A transformer that can produce 240v single phase from 208V at the current
> required for the 2000A would be very expensive. Often, you may find that a
> 120/208 3ph building will have such a transformer for powering special
> equipment that requires 240v single phase, and if it is there, by all
> means
> use it. But for a temporary use like this, the cost would be prohibitive.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: K0DAN [mailto:k0dan@... <k0dan%40comcast.net>]
> Sent: Wednesday, August 29, 2007 8:07 PM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: Re: [acom-list] 208 V three phase
>
> I don't think you want to go near 3 phase with your Acom. Find an
> electrician who can derive 240VAC +/- 2 phase, it'll be worth it.
> 73
>
> Dan
> K0DAN
>
> ----- Original Message -----
> From: "halkennedy" <halken@... <halken%40comcast.net>>
> To: <acom-list@yahoogroups.com <acom-list%40yahoogroups.com>>
> Sent: Wednesday, August 29, 2007 6:05 PM
> Subject: [acom-list] 208 V three phase
>
> >I plan to operate a little in a commercial building where the available
> > power is 120/208 three phase. Has anyone run a 2000A on 208V? I'm
> > guessing either the 200V or 220V transformer taps might be okay.

> > Hal
> > N4GG
> >
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

2102. 208V 3 ph

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 14:30:39 UTC
From: Gerard Jendraszkiewicz
Topic: 2102 Message: 2102

These transformers buck/boost are available from a variety of electrical supply houses. Look at www.grainger.com for a idea on size and price. From the Grainger web site:

* For Single-Phase and Open Delta 3-Phase Circuits (3 Hot Wires With No Neutral.)
* Determine: 1. Difference in voltage required (pick one: 12, 16, 24 or 32) 2. Multiply by circuit amperage = subtotal 3. Multiply subtotal by a safety factor of 1.2 = total VA Example: 24 Volts x 20 Amps x 1.2 = 576VA Recommended transformer 750VA or 0.75kVA (No. 1H279)

YMMV

Jerry, KE9I

2103. FS: Acom 2000A serial cable

Yahoo group: acom-list (1999 — 2009)
Date: 2007-08-30 19:18:26 UTC
From: Barry
Topic: 2103 Message: 2103

Since I sold one of my 2000A's, I no longer need this cable. It is to connect the 2000A to a computer COM port, for use with AcomTools or other (if it exists) control software. Cable is about 5 ft long and has female DB9's on both ends. Includes connections for only the 3 pins used, so can't be used as a serial cable for other hardware. $10 shipped in the US.
Barry W2UP

--

Barry Kutner, W2UP Newtown, PA

2104. swapping EPROM

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-06 19:26:46 UTC
From: David J. Strout
Topic: 2104 Message: 2104

I have a new EPROM from Bulgaria, but without any instructions.
Anyone know of any directions for swapping out the old for the new
in the rf deck?

==========
David J. Strout (W2YC)
email: djsatty@...

2105. Re: [acom-list] swapping EPROM

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-06 20:16:51 UTC
From: Barry
Topic: 2104 Message: 2105

Dave,
Can't help, but wonder why did you get a new EPROM?
73,
Barry W2UP

David J. Strout wrote:
>
> I have a new EPROM from Bulgaria, but without any instructions.
> Anyone know of any directions for swapping out the old for the new
> in the rf deck?
>
> ================================
> David J. Strout (W2YC)
> email: djsatty@... <mailto:djsatty%40comcast.net>
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.485 / Virus Database: 269.13.8/993 - Release Date: 9/6/2007 3:18 PM
>

--

Barry Kutner, W2UP Newtown, PA

2106. Maximum AC Voltage - ACOM 2000 - UK spec

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-06 21:12:50 UTC
From: Callum M0MCX
Topic: 2106 Message: 2106

I noticed at the weekend that my new generator is kicking out just over 250V when not under load. I ought to find the service manual because one of the ACOM lights flashed (can't remember which one) as an alarm. I guessed it was voltage related because it started as soon as we switched to generator power for the SSB Field Day Region 1 contest. On transmit, there was enough load to bring the voltage down to 256V which stopped the flashing alarm condition.

Amp: ACOM 2000A - few weeks old.

Anyone?

Callum McCormick

M0MCX

07976 631881

http://www.m0mcx.co.uk/

[Non-text portions of this message have been removed]

2107. AW: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-07 07:01:40 UTC
From: Carsten Esch
Topic: 2106 Message: 2107

Hi Callum,

you say ...

a. is kicking out just over 250V when not under load.
b. On transmit, there was enough load to bring the voltage down to 256V

This does not make sense ...

The voltage is 'harmonised' in IEC 60038: Up to 1987 in DL the voltage was 220 V with a tolerance of ±10 %. After that it changed to 230 V +6 % and -10 %. Starting in 2009 it can be 230 V ±10 %.

Are you sure the generator is putting out a real sine wave? Only 'inverter type' of gen sets will do this. If it is not a real sine wave you will have problems to measure the exact voltage (with a 'normal' meter) ...

73ss

Carsten, DL6LAU

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Im Auftrag von Callum M0MCX
Gesendet: Donnerstag, 6. September 2007 23:13
An: acom-list@yahoogroups.com
Betreff: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

I noticed at the weekend that my new generator is kicking out just over 250V when not under load. I ought to find the service manual because one of the ACOM lights flashed (can't remember which one) as an alarm. I guessed it was voltage related because it started as soon as we switched to generator power for the SSB Field Day Region 1 contest. On transmit, there was enough load to bring the voltage down to 256V which stopped the flashing alarm condition.

Amp: ACOM 2000A - few weeks old.

Anyone?

Callum McCormick

M0MCX

07976 631881

http://www.m0mcx.co.uk/

[Non-text portions of this message have been removed]

2108. Re: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-07 18:51:16 UTC
From: Bill NY9H
Topic: 2106 Message: 2108

i recall when my volts were high the heater alarm started blinking,,,,,

bill

2109. Re: AW: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-07 19:56:10 UTC
From: Bill NY9H
Topic: 2106 Message: 2109

""Only 'inverter type' of gen sets will do this."" a real sine wave.

would not my rotating generator be putting out a
"real sine wave" the spec is ,<5% thd,,,,
,,,"ISO8528-5, BS5514, SAE J1349, ISO3046, and DIN6271 standards."??

bill

At 02:01 AM 9/7/2007, you wrote:
>Hi Callum,
>
>you say ...
>
>a. is kicking out just over 250V when not under load.
>b. On transmit, there was enough load to bring the voltage down to 256V
>
>This does not make sense ...
>
>The voltage is 'harmonised' in IEC 60038: Up to 1987 in DL the voltage was
>220 V with a tolerance of ±10 %. After that it changed to 230 V +6 % and -10
>%. Starting in 2009 it can be 230 V ±10 %.
>
>Are you sure the generator is putting out a real sine wave? Only 'inverter
>type' of gen sets will do this. If it is not a real sine wave you will have
>problems to measure the exact voltage (with a 'normal' meter) ...
>
>73ss
>
>Carsten, DL6LAU
>
>-----Ursprüngliche Nachricht-----
>Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Im Auftrag
>von Callum M0MCX
>Gesendet: Donnerstag, 6. September 2007 23:13
>An: acom-list@yahoogroups.com
>Betreff: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec
>
>I noticed at the weekend that my new generator is kicking out just over 250V
>when not under load. I ought to find the service manual because one of the
>ACOM lights flashed (can't remember which one) as an alarm. I guessed it was
>voltage related because it started as soon as we switched to generator power
>for the SSB Field Day Region 1 contest. On transmit, there was enough load
>to bring the voltage down to 256V which stopped the flashing alarm
>condition.
>
>Amp: ACOM 2000A - few weeks old.

>
>Anyone?
>
>Callum McCormick
>
>M0MCX
>
>07976 631881
>
>http://www.m0mcx.co.uk/
>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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2110. EPROM exchange

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-07 21:41:37 UTC
From: npalex@bellsouth.net
Topic: 2110 Message: 2110

I received very detailed instructions from Bulgaria regarding removing and reseating the eprom on my unit. Contact intermittants was the problem. If I can find it I will send it to you. But check with both Willy and Bulgaria as it is an electronic document

Norm W4QN

[Non-text portions of this message have been removed]

2111. RE: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-08 13:01:19 UTC
From: Callum M0MCX
Topic: 2106 Message: 2111

That's it Bill, the heater light blinks!

I *think* it's a real sine wave, I'll need to get a scope on it.

By the way I think I made a typo; under heavy load, the voltage starts to drop down to about 246, not 256. Under really heavy load (more than 5kW, it drops down to 220V.

Anyway, will this cause a problem? It worries me.

Callum McCormick

M0MCX

07976 631881

http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Bill NY9H
Sent: 07 September 2007 19:51
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Maximum AC Voltage - ACOM 2000 - UK spec

i recall when my volts were high the heater alarm started blinking,,,,,

bill

[Non-text portions of this message have been removed]

2112. Looking for a new list manager

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-08 20:52:16 UTC
From: Barry
Topic: 2112 Message: 2112

Hi all,
FYI, I have been the moderator of this list, since I started it in July, 1999. Currently there are 336 members.

I'd like someone else to take over the (minimal) housekeeping chores. Basically, what's needed is someone to approve new memberships and weed out any spammers attempting to join. On average, there are 1 or 2 new membership requests each week and I approve 95% based on the initial intro message. Occasionally, I ask for additional info, such as callsign or what's an Acom, to verify the subscriber's intent. That's pretty much it.

Pse email me directly if you're interested.
Tnx,
Barry, W2UP
P.S. No, it's not true I get a free amp every year for running the list :.)

--

Barry Kutner, W2UP Newtown, PA

2113. New list manager is...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-09 00:06:48 UTC
From: Barry
Topic: 2113 Message: 2113

New list manager is Arnie, W7BIA, who has handled it in the past when I
was away on vacation ,etc.
Don't cause trouble now :.)
73,
Barry W2UP (back to WAE test)

--

Barry Kutner, W2UP Newtown, PA

2114. Re: [acom-list] New list manager is...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-09 01:16:36 UTC
From: Mel Whitten
Topic: 2113 Message: 2114

Ok Barry.. thanks for your service and welcome Arnie! ACOM2000A greatest amp made!!

Mel, K0PFX

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Saturday, September 08, 2007 7:06 PM
Subject: [acom-list] New list manager is...

New list manager is Arnie, W7BIA, who has handled it in the past when I
was away on vacation ,etc.
Don't cause trouble now :.)
73,
Barry W2UP (back to WAE test)

--

Barry Kutner, W2UP Newtown, PA

[Non-text portions of this message have been removed]

2115. Re: [acom-list] New list manager is...

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-09 14:46:47 UTC
From: Bill NY9H
Topic: 2113 Message: 2115

Barry

heard your sigs back flutter here in chicago...
good luck,,,,,,

bill ny9h

>Barry W2UP (back to WAE test)
>
>--

2116. how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 11:50:55 UTC
From: dl1amq
Topic: 2116 Message: 2116

Hello from a satisfied ACOM2000A user.
My question is: how to identify "mad" tube(s) in ACOM2000A ?

I got informed on the band about "bad signal quality". Listening with a second RX it sounded like RF impact into the radio, but was n't. The same signal appeared with RF-generator as a source and dummy-load together with the PA. Checking the PA, all measured values were o.k., no indication regarding "mad" or "daed" tube(s).

Exchanging 1 tube (selected by try and error) the signal was clear again and all went ufb as before.

So once more: how to identify "mad" tube(s) in ACOM2000A ?

Thanks in advance.
73 de Thomas, DL1AMQ

2117. Re: [acom-list] how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 12:04:26 UTC
From: Brian Alsop
Topic: 2116 Message: 2117

That is a good question.

Other questions:
1) How does one "burn in " a new tube without getting a trip? In other less protected amps one simply removes the plate cap and cooks the new tube with filament voltage for several days. I believe neither the 2000 or 1000 permit this. Given that many of us have obtained older "surplus" spare tubes, gettering them would seem to be necessary before applying plate voltage. Only other alternative would be to set up some kind of exterior breadboard with tube socket (or perhaps clipleads) and filament transformer.
2) Can one test one tube at a time in the 2000 by simply removing the other tube and applying a small amount of drive?
I don't believe this can be done either.

Perhaps there are some undocumented ways to bypass certain trips?

73 de Brian/K3KO

dl1amq wrote:

>Hello from a satisfied ACOM2000A user.
>My question is: how to identify "mad" tube(s) in ACOM2000A ?
>
>I got informed on the band about "bad signal quality". Listening with a
>second RX it sounded like RF impact into the radio, but was n't. The
>same signal appeared with RF-generator as a source and dummy-load
>together with the PA. Checking the PA, all measured values were o.k.,
>no indication regarding "mad" or "daed" tube(s).
>
>Exchanging 1 tube (selected by try and error) the signal was clear
>again and all went ufb as before.
>
>So once more: how to identify "mad" tube(s) in ACOM2000A ?
>
>Thanks in advance.
>73 de Thomas, DL1AMQ
>
>
>
>

2118. Re: [acom-list] how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 16:55:02 UTC
From: Hans Remeeus
Topic: 2116 Message: 2118

Hello Thomas,

Here another (very) satisfied 2000A user.

I got some audio reports with a little bit distortion on my modulation. Especially during no-voice periods during transmission. Nearby stations talked about a 'ravel'. It sounds a bit frayed, like RF-impact. It only happens for a very short time. Some people don't hear it at all.

Is this the same distortion as you had?

IMHO this could happen with some tubes. Others told me that triode tubes like the 3CX800 don't have it.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

dl1amq schreef:
>
>
> Hello from a satisfied ACOM2000A user.
> My question is: how to identify "mad" tube(s) in ACOM2000A ?
>
> I got informed on the band about "bad signal quality". Listening with a
> second RX it sounded like RF impact into the radio, but was n't. The
> same signal appeared with RF-generator as a source and dummy-load
> together with the PA. Checking the PA, all measured values were o.k.,
> no indication regarding "mad" or "daed" tube(s).
>
> Exchanging 1 tube (selected by try and error) the signal was clear
> again and all went ufb as before.
>
> So once more: how to identify "mad" tube(s) in ACOM2000A ?
>
> Thanks in advance.
> 73 de Thomas, DL1AMQ
>

2119. Re: [acom-list] how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 17:44:52 UTC
From: Thomas Herrmann
Topic: 2116 Message: 2119

yes, You are right, om Hans.
But the "ravel" did not disappear on my side, sorry. Of course, the modulation was still in a manner to get into the 3B7C log several times - but it was not comfortable to know that the signal is not "Q9". May be that the "ravel" is an indication for "mad" tube(s). But, do we really have to wait for certain modulation reports to learn about "mad" tube(s) ??

73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com
> Gesendet: 24.09.07 18:55:40
> An: acom-list@yahoogroups.com
> Betreff: Re: [acom-list] how to identify a "mad" tube ?

>
>
>
>
>
> Hello Thomas,
>
> Here another (very) satisfied 2000A user.
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> I got some audio reports with a little bit distortion on my modulation.
> Especially during no-voice periods during transmission. Nearby stations
> talked about a 'ravel'. It sounds a bit frayed, like RF-impact. It only
> happens for a very short time. Some people don't hear it at all.
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> Is this the same distortion as you had?
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> >
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> Messages in this topic (0)
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> Reply (via web post)
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> Start a new topic
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> Messages | Files | Photos | Links | Polls | Calendar
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> Change settings via the Web (Yahoo! ID required)
> Change settings via email: Switch delivery to Daily Digest | Switch format to Traditional
>
> Visit Your Group |
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> Yahoo! Groups Terms of Use |
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> Unsubscribe
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> Visit Your Group
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> Moderator Central
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> Get answers to
>
> your questions about
>
> running Y! Groups.
>
>
> Best of Y! Groups
>
> Discover groups
>
> that are the best
>
> of their class.
>
>
> Yoga Groups
>
>
> Exchange insights
>
>
> with members of
>
>
> the yoga community.
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_____
Jetzt neu! Schützen Sie Ihren PC mit McAfee und WEB.DE. 3 Monate
kostenlos testen. http://www.pc-sicherheit.web.de/startseite/?mc=022220

2120. Re: [acom-list] how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 18:36:27 UTC
From: Hans Remeeus
Topic: 2116 Message: 2120

Hello Thomas,

Did you replace both the GU74b with other GU74b's or with Svetlana 4CX800?

Were your new tubes formatted?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Thomas Herrmann schreef:
> yes, You are right, om Hans.
> But the "ravel" did not disappear on my side, sorry. Of course, the modulation was still in a manner to get into the 3B7C log several times - but it was not comfortable to know that the signal is not "Q9". May be that the "ravel" is an indication for "mad" tube(s). But, do we really have to wait for certain modulation reports to learn about "mad" tube(s) ??
>
> 73 de Thomas, DL1AMQ
>
>

2121. HELP / QUESTION Acom 1000 unit

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-24 23:01:01 UTC
From: William Beyer
Topic: 2121 Message: 2121

Acom 1000 ERROR CODE....

Still got that small problem with the amp on warm up - switches off while going thru all checks - says SB26 code! I can still fire it up by re-starting a couple of times ..... then it goes fine!

A friend down in NZ keeps getting this Code, any help?

Yours Sincerely,

Bill Beyer/N2WB

DX RULES!!!!!!

[Non-text portions of this message have been removed]

2122. Re: how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-25 09:58:26 UTC
From: Gia-4L4WW
Topic: 2116 Message: 2122

Hi all
This below may answer the question. I had a similar one some time ago to Stanimir from ACOM Bulgaria who is a fantastic help btw, about the selection of the correct pair.
He said that simplest way of doing selection of the right pair (or one could read as identifying the "mad" tube?) is to compare the air flow tempratures for both tubes, which you can find in the menu through MEASURE, TEMP-F (front) and TEMP-R (rear).
If pair is selected properly the difference bewteen temperatures should remain within 4-8 degrees (6 and less is considered as excellent). 10-12 degrees is still OK to work but pair is not the best one. If you have more than 12 degrees pair is not good you need to find a replacement or at least to work at a reduced power before you find one.

One thing to pay attention before the test is done is that there is no
gap between silicon tubes over the lamps and metal base so you don't lose air through hence wrong measurement. as well as temp sensors are properly placed.
Hope this is helpful info and may give good indication on if one of the tube is "wrong", which if that's the case should show a higher air temreature than the another one.
all the best
Gia 4L4WW

--- In acom-list@yahoogroups.com, Brian Alsop <alsopb@...> wrote:
>
>
> That is a good question.
>
> Other questions:
> 1) How does one "burn in " a new tube without getting a trip? In other
> less protected amps one simply removes the plate cap and cooks the new
> tube with filament voltage for several days. I believe neither the
> 2000 or 1000 permit this. Given that many of us have obtained older
> "surplus" spare tubes, gettering them would seem to be necessary before
> applying plate voltage. Only other alternative would be to set up some
> kind of exterior breadboard with tube socket (or perhaps

clipleads) and
> filament transformer.
> 2) Can one test one tube at a time in the 2000 by simply removing
the
> other tube and applying a small amount of drive?
> I don't believe this can be done either.
>
> Perhaps there are some undocumented ways to bypass certain trips?
>
> 73 de Brian/K3KO
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> dl1amq wrote:
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> >Exchanging 1 tube (selected by try and error) the signal was
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> >So once more: how to identify "mad" tube(s) in ACOM2000A ?
> >
> >Thanks in advance.
> >73 de Thomas, DL1AMQ
> >
> >
> >
> >
>

2123. RE: [acom-list] Re: how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-25 11:50:05 UTC
From: bmarton
Topic: 2116 Message: 2123

I agree with the tube temperature indicator. I was having a problem with my amp about 6 months after I purchased it. It was shutting down after a short time of operation with some very odd behaviors. I had noticed that my tube temperatures were running about 10 or so degrees apart from each other, when they had been about 2 to 3 degrees in difference prior to my troubles. The amp finally decided to not operate any longer, and Krassy came over for a visit with a box full of new tubes.

We ended up swapping out pairs of tubes until we found a pair that was very well matched based on some voltage readings, at which time Krassy did some alignment adjustments of various pots in the amp, and it fired right up like normal. I then measured the temperatures of the tubes and they are just about exactly the same with not more than 1 degree difference.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Gia-4L4WW
Sent: Tuesday, September 25, 2007 5:58 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: how to identify a "mad" tube ?

Hi all
This below may answer the question. I had a similar one some time ago to Stanimir from ACOM Bulgaria who is a fantastic help btw, about the selection of the correct pair.
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One thing to pay attention before the test is done is that there is no
gap between silicon tubes over the lamps and metal base so you don't lose air through hence wrong measurement. as well as temp sensors are properly placed.
Hope this is helpful info and may give good indication on if one of the tube is "wrong", which if that's the case should show a higher

air temreature than the another one.
all the best
Gia 4L4WW

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
Brian Alsop <alsopb@...> wrote:
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> That is a good question.
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>

_____ NOD32 2548 (20070924) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

2124. Tubes - Bad and otherwise

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-25 13:08:36 UTC
From: Hal Kennedy
Topic: 2124 Message: 2124

Seemingly good but not really good tubes can often be spotted by going into the measurements menu and watching "bias" with the amp in operate (not standby) and the tubes hot (operated for a while). It should sit there at -127V. If it wanders around, one of your tubes has started going.

You CANNOT burn in a 4CX800A with clip leads on the filament pins. The filament pulls about 50 watts and you run a significant risk of damaging the filament pin seals. The tubes should only be operated in sockets with air moving. You can try it - put clip leads on the filament pins and power the tube up - in 30 seconds the filament pins are so hot they will burn the skin off your fingers.

Burn-in for gettering purposes is used to prevent arc-over due to non-captured gas being inside the envelop after years of sitting. Meanwhile, the 2000A HV runs around 1.4KV and the tube is rated for 4 KV. I have never had a "new old stock" tube from the early 1980s give any trouble at all just dropping it into the socket and turning it on. If you really want to age the tube in some, just run it in the amp with the amp on standby. 1.4KV is so far below the peak rating of the tube that its unlikely it will flash over. If you drive the amp - the peak voltage at the anode can be quite high - so just let it sit a while with no drive - hours, not weeks!

73,

Hal N4GG

[Non-text portions of this message have been removed]

2125. Re: [acom-list] Re: how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-25 13:20:17 UTC
From: Thomas Herrmann
Topic: 2116 Message: 2125

Thank You so much, Gia and Bruce (for confirmation).
That exactly is, what I looked for. Great help in a great reflector for a really great equipment.
73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com
> Gesendet: 25.09.07 11:59:25
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: how to identify a "mad" tube ?

>
>
>
>
> Hi all
> This below may answer the question. I had a similar one some time
> ago to Stanimir from ACOM Bulgaria who is a fantastic help btw,
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> need to find a replacement or at least to work at a reduced power
> before you find one.
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> One thing to pay attention before the test is done is that there is
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> gap between silicon tubes over the lamps and metal base so you don't
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> are properly placed.
> Hope this is helpful info and may give good indication on if one of
> the tube is "wrong", which if that's the case should show a higher
> air temreature than the another one.
> all the best
> Gia 4L4WW
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> --- In acom-list@yahoogroups.com, Brian Alsop <alsopb@...> wrote:
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> > 1) How does one "burn in " a new tube without getting a trip? In
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kostenlos testen. http://www.pc-sicherheit.web.de/startseite/?mc=022220

2126. Re: Tubes - Bad and otherwise

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-25 14:57:54 UTC
From: Brian A
Topic: 2124 Message: 2126

Hal,

Where do you get 1.4KV? I don't remember what it was on the 2000 but
the 1000 is 2.8KV in standby. I'm sure the 2000 is at that value or
more. Hence, my concern about gettering with high voltage applied.
Brian/K3KO

--- In acom-list@yahoogroups.com, "Hal Kennedy" <halken@...> wrote:
>
> Seemingly good but not really good tubes can often be spotted by going
> into the measurements menu and watching "bias" with the amp in operate
> (not standby) and the tubes hot (operated for a while). It should sit
> there at -127V. If it wanders around, one of your tubes has started
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>
> 73,
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> Hal N4GG
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>
> [Non-text portions of this message have been removed]
>

2127. RE: [acom-list] Re: how to identify a "mad" tube ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-26 09:11:43 UTC
From: Thomas Herrmann
Topic: 2116 Message: 2127

hi all,
temperature difference between front and rear tube seems to be a good indication.
To test it, I reused the tubes as I did it for a long time and finally got the trubble.
Temperature difference after transmitting in FM of abt. 3 minutes was 20°C. After replacing the tube with higher temperature by another one, but not a new one and not a paired one, I repeated the same test and got a temperature difference of 4 °C only. Temperature differences only appear during TXing, not while stand by. And the temperature difference raises with the time of TXing, so while "normal" CW operation with short TX periodes temperature differences are hardly to detect.

Thank You for all responses regarding my question. I hope the discussion will help also all the other ACOM2000A users.
73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com
> Gesendet: 25.09.07 13:50:31
> An: <acom-list@yahoogroups.com>
> Betreff: RE: [acom-list] Re: how to identify a "mad" tube ?

>
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> I agree with the tube temperature indicator. I was having a problem with my
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> Bruce K1XR
>
> _____
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Gia-4L4WW
> Sent: Tuesday, September 25, 2007 5:58 AM
> To: acom-list@yahoogroups.com

> Subject: [acom-list] Re: how to identify a "mad" tube ?
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> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
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>
> _____ NOD32 2548 (20070924) Information _____
>
> This message was checked by NOD32 antivirus system.
> http://www.eset.com
>
> [Non-text portions of this message have been removed]
>
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>

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http://smartsurfer.web.de/?mc=100071&distributionid=000000000066

2128. ACOM Tools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-26 23:42:58 UTC
From: ki4ge
Topic: 2128 Message: 2128

Has anyone been successful using ACOM Tools 1.5 to control an ACOM 2000A with Windows XP?

If so, how did you configure XP to get it to work properly and provide stable and consistent operation?

If no one can get XP to work with ACOM Tools, I am considering setting my computer up for "dual boot" with XP and WIN 98 SE. Is it worth the trouble?

Will ACOM Tools be stable and reliable operating under Win 98 SE?
Has anyone been successful using WIN 98SE to control the ACOM 2000A?
If so, are there any tricks I need to know to get it to work properly.

I need to have a software program to control the ACOM 2000A because I control my station remotely over the internet. I have everything working fine over the internet, except the ACOM 2000A.

Is there another program that will work with the ACOM 2000A under XP?

Thanks for any help you can provide.

Jerry, KI4GE

2129. Tubes - Bad and Otherwise

Yahoo group: acom-list (1999 — 2009)
Date: 2007-09-27 00:00:47 UTC
From: Hal Kennedy
Topic: 2129 Message: 2129

Oops. Sorry about that. The HV in a 2000A is 2.4KV not 1.4KV - my mistake.

The GU-74b/4CX800A is rated at 4KV anodes voltage, and if it were a US designed tube it would have significant margin above that. WRT Russian designed tubes, I have no idea if there is a lot, a little or no margin at all. I have had no problems simply putting 1980s GU74b tunes into the 2000A, letting them sit in standby for a few hours and operating them. Your mileage may vary!

Hal, N4GG

[Non-text portions of this message have been removed]

2130. Keying Cable Recomendations

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-01 16:10:02 UTC
From: Richard Zalewski
Topic: 2130 Message: 2130

I am looking for an amp key line isolator recommendation between my
Pro III and the Acom 2000. Something besides the Ameritron ARB.

--
Tnx es 73
Dick W7ZR
www.w7zr.com
I have taken a vow of poverty.
To annoy me send money.

2131. Re: [acom-list] Keying Cable Recomendations

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-09 01:14:04 UTC
From: W5OV@w5ov.com
Topic: 2130 Message: 2131

You don't need one.

The Pro III works fine with the 2000.

> I am looking for an amp key line isolator recommendation between my
> Pro III and the Acom 2000. Something besides the Ameritron ARB.
>
> --
> Tnx es 73
> Dick W7ZR
> www.w7zr.com
> I have taken a vow of poverty.
> To annoy me send money.
>
>
>
> Yahoo! Groups Links
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>

2132. Re: Keying Cable Recomendations

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-09 12:12:14 UTC
From: ken
Topic: 2130 Message: 2132

I have never had a second's problem using the Ameritron unit with the ACOM 1000, ACOM 2000A, or Alpha 87a -- exciters FT-1000 Mark V and Orion and Orion II. I reccommend it.

Howevr, there are two other places you could check: DX Engineering and Array Solutions.

[Non-text portions of this message have been removed]

2133. Re: Keying Cable Recomendations

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-09 13:04:32 UTC
From: Hal Kennedy
Topic: 2130 Message: 2133

Agree.. you don't need an interface. Although Icom has the most puny linear interface of all the manufacturers - even it will drive your 2000A direct. Just don't hook a Henry 3K to it!

Hal

N4GG

[Non-text portions of this message have been removed]

2134. Acom 2000A how the time has passed

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-13 15:27:44 UTC
From: kamarty456
Topic: 2134 Message: 2134

Wow! I just realized I have the 2000A over 6 years now!!!!!
It is hooked up to my Icom IC-775DSP and Sommer XP707 antenna.

I have had some issues with the amp over the years, but more times than not the amp was notifying me of antenna/coax problems. Yes, I have had my share of "arc-fault" alarms. Every time it turned out to be a bad pl259 that has deteriorated, a bad right angle UHF connector, a bad antenna switch [alpha delta-4 I now use the ICE model 516R/G switch without a single problem], or a piece of coax has failed.

In the early ownership of the amp I did have a power supply fail. Acom addressed this immediately!!! I should add here that the first four years of owning this amp I received a Christmas card from them! A class act!

Around October of 2006 I encountered some shut down issues due to reduced air flow....I contacted Acom and was able to address it here without sending the amp in for service. The amp inside is clean as I keep the external filter clean. I wash it every 3 months..it's dusty here in Arizona. I guess as components age their tolerances changed slightly and I adjusted the air flow sensor. A few tweaks and tests and I'm back to 100% operation.

I am using the original tubes!

I do have an ICE model 338 240v dedicated surge protector in in the power cord line. This has saved me a number of times when our power hiccupped!!! I had to replace a 30amp fast blow fuse in the ICE unit and not a single challenge with the 2000A!. I strongly suggest you install surge protection..as the amp is almost bullet proof it still does not like "dirty power"

In summary, I am really delighted I decided to buy the amp back in early 2001. Yes it was a significant investment, however, you get what you pay for.

I am looking forward to many more years of reliable operation...Thanks Krassy and crew for producing such a nice amplifier.

Marty, KA7GKN

2135. Fault?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-19 14:06:36 UTC
From: Frank Hunter
Topic: 2135 Message: 2135

This past few days when powering up my Acom 1000 it comes to the end of the warm up period and then it throws up a "self protect SB26" fault. After closing it down and restarting everything is normal, anyone any ideas what the problem is?

73, Frank
GI4NKB
--

2136. Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-20 16:20:12 UTC
From: ki4ge
Topic: 2136 Message: 2136

Good news about new software for computer control of the ACOM 2000A. This software was developed by Laurent Laborie, F6DEX, and is included in TRX-Manager version 4.1.6 which was recently released.

The message from Laurent is included below. 73, Jerry, KI4GE

"Hello"

"TRX-Manager V4.1.6 is available from http://trx-manager.com/whatsnew.htm"

"V4.1.6 supports FT-450 and includes a sophisticated support of ACOM2000A amplifier via a distinct application TRX-ACOM (trx-acom.exe installed in TRX-Manager's folder)."

"TRX-ACOM was developped with extensive support of Stan LZ1IU at ACOM Bulgaria. I and we must thank Stan for the time and care to test this program."

"Special thanks to Rune LA7THA for giving me access to his remote site in Norway and allowing me testing this marvelous amplifier directly from France!"

"For those - like me - who don't own an ACOM2000 I wrote a new module : the Linear Reminder which helps you using your manual mplifiers safety."

"Enjoy !"

2137. Re: [acom-list] ACOM Tools 1.5

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-21 01:43:28 UTC
From: Ron NØAT
Topic: 2128 Message: 2137

I use ACOM Tools 1.5 with XP. I did not install it, I copied the .exe file to my computer and created a shortcut to it. I click on the shortcut to start it.

I use ACOM Tools with Writelog, Writelog has to be running before I start ACOM Tools. I do not use the ACOM antenna tuner, just the amp.

My only complaint, is if I am on a split frequency operation, the amplifier keeps going back and forth from the receive frequency to the transmit frequency.

73 de Ron NØAT

----- Original Message -----
From: ki4ge
To: acom-list@yahoogroups.com
Sent: Wednesday, September 26, 2007 18:42
Subject: [acom-list] ACOM Tools 1.5

Has anyone been successful using ACOM Tools 1.5 to control an ACOM 2000A with Windows XP?

If so, how did you configure XP to get it to work properly and provide stable and consistent operation?

If no one can get XP to work with ACOM Tools, I am considering setting my computer up for "dual boot" with XP and WIN 98 SE. Is it worth the trouble?

Will ACOM Tools be stable and reliable operating under Win 98 SE?
Has anyone been successful using WIN 98SE to control the ACOM 2000A?
If so, are there any tricks I need to know to get it to work properly.

I need to have a software program to control the ACOM 2000A because I control my station remotely over the internet. I have everything working fine over the internet, except the ACOM 2000A.

Is there another program that will work with the ACOM 2000A under XP?

Thanks for any help you can provide.

Jerry, KI4GE

[Non-text portions of this message have been removed]

2138. Tech supplement for ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-21 14:19:48 UTC
From: Sergei Kulyov
Topic: 2138 Message: 2138

Folks:

any idea on source to download the Technical supplement for ACOM2000A?

Thanks in advance

73, Sergei UA3AP

2139. Re: Tech supplement for ACOM2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-21 14:25:30 UTC
From: Jerry
Topic: 2138 Message: 2139

--- In acom-list@yahoogroups.com, Sergei Kulyov <ua3ap@...> wrote:
>
> Folks:
>
> any idea on source to download the Technical supplement for ACOM2000A?
>
> Thanks in advance
>
> 73, Sergei UA3AP

Serge,

See message #2046

Jerry N8BM
>

2141. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 14:14:04 UTC
From: Bill NY9H
Topic: 2136 Message: 2141

before i bother to hook up the 2000a AGAIN.... to the computer....

has anyone yet run the trx 2000a solution ???? with what observations ????

bill

2142. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 14:24:49 UTC
From: Barry
Topic: 2136 Message: 2142

Too bad it's not a free-standing module...
Barry W2UP

Bill NY9H wrote:
>
> before i bother to hook up the 2000a AGAIN.... to the computer....
>
> has anyone yet run the trx 2000a solution ???? with what observations ????
>
> bill
>
>

2143. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 14:25:04 UTC
From: Hans Remeeus
Topic: 2136 Message: 2143

Yesterday I downloaded TRX-Manager with this new feature.

IMHO:

It looks good, but does not give extra functionalities then the old application from Acom.

I had hoped that I could see more than two measurements with the new feature "at a glance of the eye". But you still have to setup every time you want to read another measurement.

It's nice for TRX-Manager users who use the 2000A. But not for 2000A users who did'nt use TRX-Manager before and are looking for more features of their amplifier through a computer application.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Bill NY9H schreef:
>
>
> before i bother to hook up the 2000a AGAIN.... to the computer....
>
> has anyone yet run the trx 2000a solution ???? with what observations ????
>
> bill
>
>

2144. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 14:33:25 UTC
From: Bill NY9H
Topic: 2136 Message: 2144

the way i read it it is free standing....however you need to have
"installed" trx,.,,
"
RX-Acom is a little but sophisticated application delivered with
TRX-Manager. It allows controlling the more important functions of
your <http://www.acom-bg.com/>ACOM2000A amplifier :

TRX-Acom may also be used as a stand alone program (but installation
of TRX-Manager is required).

TRX-Acom has been written and tested with an extensive support from
<http://www.acom-bg.com/>ACOM Bulgaria (Stan LZ1IU).

....

i guess i'll just have to load er up today

bill

At 09:24 AM 10/22/2007, you wrote:
>Too bad it's not a free-standing module...
>Barry W2UP
>
>Bill NY9H wrote:
> >
> > before i bother to hook up the 2000a AGAIN.... to the computer....
> >
> > has anyone yet run the trx 2000a solution ???? with what observations ????
> >
> > bill
> >
> >
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>Yahoo! Groups Links
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2145. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 14:38:52 UTC
From: Bill NY9H
Topic: 2136 Message: 2145

I wish Simon (Ham Radio Deluxe) would buy a 2000a,,,,,,
then I'll bet he would exploit all possibilities, as he has done with
icom 7800 & K2,,, etc....

back to appreciating how I use the 2000a WITHOUT software....too bad.

bill

visit my station @

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=75658236&f=0

2146. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 15:42:21 UTC
From: Natale Borghetti
Topic: 2136 Message: 2146

Dear Hans

I have installed the new software and tested, and believe it gives so many functionalities that was not included in the erratic Acom Tools...as example:

You can read all the parameters of the amplifier
You can pre-set the automatic tuning and automatically adjust the power for tuning and normal operation
You can read the band sector
The respons of wattmeter is much better then Acom Tools
If you use in connection with Trx-manager the amplifier is following the rtx so no more rf sensing when you change the band and/or frequency.

I suspect that you have NOT explored all the menus of the application.

I am a proud users of THREE Acom2000 amplifiers manly used at my remote stations and I am really glad that finally the software management of Acom has been solved by TRX-Manager.

73

Natale

i5nph

----- Original Message -----
From: "Hans Remeeus" <hans@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, October 22, 2007 17:25
Subject: Re: [acom-list] Good News - New Software for ACOM 2000A

> Yesterday I downloaded TRX-Manager with this new feature.
>
> IMHO:
>
> It looks good, but does not give extra functionalities then the old
> application from Acom.
>
> I had hoped that I could see more than two measurements with the new
> feature "at a glance of the eye". But you still have to setup every time
> you want to read another measurement.
>
> It's nice for TRX-Manager users who use the 2000A. But not for 2000A
> users who did'nt use TRX-Manager before and are looking for more
> features of their amplifier through a computer application.

>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
>
> Bill NY9H schreef:
>>
>>
>> before i bother to hook up the 2000a AGAIN.... to the computer....
>>
>> has anyone yet run the trx 2000a solution ???? with what observations
>> ????
>>
>> bill
>>
>>
>
>
>
> Yahoo! Groups Links
>
>
>

2147. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 16:16:30 UTC
From: Hans Remeeus
Topic: 2136 Message: 2147

Hello Natale,

Thanks for your reply.

Following the transceiver is a very nice feature!

But are there functionalities that I cannot do or read from the Remote
Control of the Acom 2000A?
From a computer application you would expect that, e.g. reading all (or
at least: most of) the measurements.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Natale Borghetti schreef:
>
>
> Dear Hans
>
> I have installed the new software and tested, and believe it gives so many
> functionalities that was not included in the erratic Acom Tools...as
> example:
>
> You can read all the parameters of the amplifier
> You can pre-set the automatic tuning and automatically adjust the power for
> tuning and normal operation
> You can read the band sector
> The respons of wattmeter is much better then Acom Tools
> If you use in connection with Trx-manager the amplifier is following the
> rtx
> so no more rf sensing when you change the band and/or frequency.
>
> I suspect that you have NOT explored all the menus of the application.
>
> I am a proud users of THREE Acom2000 amplifiers manly used at my remote
> stations and I am really glad that finally the software management of Acom
> has been solved by TRX-Manager.
>
> 73
>
> Natale
>
> i5nph
>

2148. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 16:30:11 UTC
From: Natale Borghetti
Topic: 2136 Message: 2148

Hi Hans

Please try to push the button "more commands", it just located near the Exit
and it will open an extended menu there you can request and read all the
amplifier parameters, like temperature, voltage, etc....

73

Natale

----- Original Message -----
From: "Hans Remeeus" <hans@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, October 22, 2007 19:16
Subject: Re: [acom-list] Good News - New Software for ACOM 2000A

>
> Hello Natale,
>
> Thanks for your reply.
>
> Following the transceiver is a very nice feature!
>
> But are there functionalities that I cannot do or read from the Remote
> Control of the Acom 2000A?
> From a computer application you would expect that, e.g. reading all (or
> at least: most of) the measurements.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
>
> Natale Borghetti schreef:
>>
>>
>> Dear Hans
>>
>> I have installed the new software and tested, and believe it gives so
>> many
>> functionalities that was not included in the erratic Acom Tools...as
>> example:
>>

>> You can read all the parameters of the amplifier
>> You can pre-set the automatic tuning and automatically adjust the power
>> for
>> tuning and normal operation
>> You can read the band sector
>> The respons of wattmeter is much better then Acom Tools
>> If you use in connection with Trx-manager the amplifier is following the
>> rtx
>> so no more rf sensing when you change the band and/or frequency.
>>
>> I suspect that you have NOT explored all the menus of the application.
>>
>> I am a proud users of THREE Acom2000 amplifiers manly used at my remote
>> stations and I am really glad that finally the software management of
>> Acom
>> has been solved by TRX-Manager.
>>
>> 73
>>
>> Natale
>>
>> i5nph
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> Yahoo! Groups Links
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2149. Re: [acom-list] Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-22 19:38:48 UTC
From: Hans Remeeus
Topic: 2136 Message: 2149

Hello Natale,

I discovered the 'more commands' and the extended menu after I
downloaded the TRX-Acom, but I don't see all the amplifier parameters.

The 'more commands' menu shows 'auto tune', 'logs' and 'tests'.

On the left side of the window underneath 'Measurements' I only see two
values, and not all of them (or most of them) together.

(Important: while in Measurements mode, TRX-Acom stops reading the RCU)

What I see is about the same as the features of the RCU and what I had
expected of TRX-Acom was a total overview of all (or most of) the
Measure values.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Natale Borghetti schreef:
>
>
> Hi Hans
>
> Please try to push the button "more commands", it just located near the
> Exit
> and it will open an extended menu there you can request and read all the
> amplifier parameters, like temperature, voltage, etc....
>
> 73
>
> Natale
>

2150. Re: Good News - New Software for ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2007-10-24 02:11:22 UTC
From: ki4ge
Topic: 2136 Message: 2150

I just returned from travel to Europe and had my first chance to use TRX-ACOM to connect to my ACOM 2000A. The software was easy to set up and it worked great. I have access to all of the major features I need to control the amplifier over the internet except control of the ON/OFF feature. I plan to work on that in the near future.

The software works with no problems with the ICOM 756 PRO III on my XP computer. It also works fine over the internet with very low latency (delay) on a high speed DSL connection.

Thanks Laurent for providing us with much needed, quality software for controlling the ACOM 2000A. Now, this is truly a high quality, high performance amplifier that is idea for internet or remote control applications.

Jerry, KI4GE

--- In acom-list@yahoogroups.com, "ki4ge" <KI4GE@...> wrote:
>
> Good news about new software for computer control of the ACOM 2000A.
> This software was developed by Laurent Laborie, F6DEX, and is
> included in TRX-Manager version 4.1.6 which was recently released.
>
> The message from Laurent is included below. 73, Jerry, KI4GE
>
> "Hello"
>
> "TRX-Manager V4.1.6 is available from http://trx-
> manager.com/whatsnew.htm"
>
> "V4.1.6 supports FT-450 and includes a sophisticated support of
> ACOM2000A amplifier via a distinct application TRX-ACOM (trx-acom.exe
> installed in TRX-Manager's folder)."
>
> "TRX-ACOM was developped with extensive support of Stan LZ1IU at ACOM
> Bulgaria. I and we must thank Stan for the time and care to test this
> program."
>
> "Special thanks to Rune LA7THA for giving me access to his remote site
> in Norway and allowing me testing this marvelous amplifier directly
> from France!"

>
> "For those - like me - who don't own an ACOM2000 I wrote a new
> module : the Linear Reminder which helps you using your manual
> mplifiers safety."
>
> "Enjoy !"
>

2151. FT2000D generating a forward spike making my ACOM 2000A drop to standby

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-08 22:50:05 UTC
From: jhk40
Topic: 2151 Message: 2151

My Acom2000A is three weeks old but upon keying up on SSB the RCU unit returns to the standby mode (same thing with a dummy load). This "drop out" is due to the Yaesu FT2000D sending a forward spike to the protection circuit within the Acom 2000A. Tried many things suggested by Stan at the factory. Only thing that seems to help a little is the Heil FS2 foot switch that creates a few millisecond delay to the tranceiver and allows the amplifier to fire up or turn on first. Today,Yaesu suggested I purchase an "amplifier sequencer" that works like the foot switch. I am unable at this point to find a sequencer anywhere. I am well aware that there are many FT2000s out there driving an Acom 2000A and I am looking to perhaps inquire what was done to not allow the amp to return to the standby mode as often as I'm seeing. The problem as explained by Acom is not in the antennas or the feed lines but in the output of the Yaesu FT2000 generating this forward spike. With my other amplifiers like the 30S1 or the 3KA Henry there is no reset mode and will run until flames come out. If you have an idea, I can e mail you the many many things that were suggested that I actually tried. I welcome your suggestions where they may be somewhat different from all that I tried. Thank you, Joel Kornreich, K2QBV (k2qbv@optonline.net)

2152. Bias too low at power on: -000V

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-17 23:14:05 UTC
From: N1EU
Topic: 2152 Message: 2152

Out of the blue, my 2000A now quickly flashes "Bias too low at power on: -000V" after the 2-minute warmup and shuts down.

Has anybody gone through troubleshooting the same error message and received instructions from Acom?

Thanks & 73,
Barry N1EU

2153. RE: [acom-list] Digest Number 756

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-18 15:15:01 UTC
From: Hal Kennedy
Topic: 2153 Message: 2153

Possibly a bad tube Barry. My amp was tripping off occasionally with a bias too low alarm. I could watch the amp in standby, and the bias was always stable - I forget the value now - something like -147 V. In "operate" the bias would not be stable and wander around - sometimes getting low enough to trip the amp back to standby. I replaced one tube and that cleared it up. You may have a shorted grid..

73

Hal

N4GG

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
Sent: Sunday, November 18, 2007 7:44 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Digest Number 756

<http://groups.yahoo.com/group/acom-list;_ylc=X3oDMTJkZzhvOGhzBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNoZHIEc2xrA2hwaARzdGltZQMxMTk1Mzg5ODA5> Acom amp reflector

Messages In This Digest (1 Message)

1.

Bias too low at power on: -000V From: N1EU

<http://groups.yahoo.com/group/acom-list/messages;_ylc=X3oDMTJmaDdzMWpmBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNkbXNnBHNsawNhdHBjBHN0aW1lAzExOTUzODk4MTA-?xm=1&m=p&tidx=1> View All Topics | <http://groups.yahoo.com/group/acom-list/post;_ylc=X3oDMTJmdmt2MGg2BF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNkbXNnBHNsawNudHBjBHN0aW1lAzExOTUzODk4MTA-> Create New Topic

Message

1.

<http://groups.yahoo.com/group/acom-list/message/2152;_ylc=X3oDMTJxN3FtYjJrBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxNTIEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTE5NTM4OTgxMA--> Bias too low at power on: -000V

Posted by: "N1EU"
<mailto:n1eu@...?Subject=%20Re%3ABias%20too%20low%20at%20power%20on%3A%20-000V> n1eu@... <http://profiles.yahoo.com/N1EU> N1EU

Sat Nov 17, 2007 3:14 pm (PST)

Out of the blue, my 2000A now quickly flashes "Bias too low at power on: -000V" after the 2-minute warmup and shuts down.

Has anybody gone through troubleshooting the same error message and received instructions from Acom?

Thanks & 73,
Barry N1EU

Back to top

<mailto:n1eu@...?Subject=Re%3ABias%20too%20low%20at%20power%20on%3A%20-000V> Reply to sender | <mailto:acom-list@yahoogroups.com?Subject=%20Re%3ABias%20too%20low%20at%20power%20on%3A%20-000V> Reply to group | <http://groups.yahoo.com/group/acom-list/post;_ylc=X3oDMTJxMmcyZzRkBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxNTIEc2VjA2Rtc2cEc2xrA3JwbHkEc3RpbWUDMTE5NTM4OTgxMA--?act=reply&messageNum=2152> Reply via web post

<http://groups.yahoo.com/group/acom-list/message/2152;_ylc=X3oDMTM1cWVsc2V2BF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxNTIEc2VjA2Rtc2cEc2xrA3Z0cGMEc3RpbWUDMTE5NTM4OTgxMAR0cGNJZAMyMTUy> Messages in this topic (1)

Recent Activity

* 1

<http://groups.yahoo.com/group/acom-list/members;_ylc=X3oDMTJmZjhxcG8xBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzExOTUzODk4MTA-> New Members

<http://groups.yahoo.com/group/acom-list;_ylc=X3oDMTJlZjltbWtvBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTE5NTM4OTgxMA--> Visit Your Group

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photos and

more online.

Dog Fanatics

<http://us.ard.yahoo.com/SIG=12jk0pi56/M=493064.11292562.11840176.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1195397010/A=4836045/R=0/SIG=11o19ppl5/*http:/advision.webevents.yahoo.com/dogzone/index.html> on Yahoo!

Groups

Find people who are

crazy about dogs.

Shedding Pounds

<http://us.ard.yahoo.com/SIG=12k7ip8se/M=493064.11675218.12153349.113231
96/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1195397010/A=4840957/R=0/SIG=11l
77jq6u/*http:/health.groups.yahoo.com/group/specialKgroup/> on Yahoo!
Groups

Read sucess stories

& share your own.

Need to Reply?

Click one of the "Reply" links to respond to a specific message in the
Daily Digest.

<http://groups.yahoo.com/group/acom-list/post;_ylc=X3oDMTJlNmFlNTAwBF9TA
zk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA
250cGMEc3RpbWUDMTE5NTM4OTgxMA--> Create New Topic |
<http://groups.yahoo.com/group/acom-list;_ylc=X3oDMTJjbGcybTExBF9TAzk3Mz
U5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwBH
N0aW1lAzExOTUzODk4MTA-> Visit Your Group on the Web

<http://groups.yahoo.com/group/acom-list/messages;_ylc=X3oDMTJlZzdmNWptB
F9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc
2xrA21zZ3MEc3RpbWUDMTE5NTM4OTgxMA--> Messages |
<http://groups.yahoo.com/group/acom-list/files;_ylc=X3oDMTJmaG1rbHFuBF9T
Azk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xr
A2ZpbGVzBHN0aW1lAzExOTUzODk4MTA-> Files |
<http://groups.yahoo.com/group/acom-list/photos;_ylc=X3oDMTJlY3Y5YTA3BF9
TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2x
rA3Bob3QEc3RpbWUDMTE5NTM4OTgxMA--> Photos |
<http://groups.yahoo.com/group/acom-list/links;_ylc=X3oDMTJmNTIyaWppBF9T
Azk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xr
A2xpbmtzBHN0aW1lAzExOTUzODk4MTA-> Links |
<http://groups.yahoo.com/group/acom-list/polls;_ylc=X3oDMTJmNDczM2lmBF9T
Azk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xr
A3BvbGxzBHN0aW1lAzExOTUzODk4MTA-> Polls |
<http://groups.yahoo.com/group/acom-list/calendar;_ylc=X3oDMTJkYmhwZXRlB
F9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc
2xrA2NhbARzdGltZQMxMTk1Mzg5ODEw> Calendar

<http://groups.yahoo.com/;_ylc=X3oDMTJkMDZjNWNrBF9TAzk3MzU5NzE1BGdycElkA
zExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMTk1M
zg5ODEw> Yahoo! Groups

<http://groups.yahoo.com/group/acom-list/join;_ylc=X3oDMTJmaTNwY29oBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3N0bmdzBHN0aW1lAzExOTUzODk4MTA-> Change settings via the Web (Yahoo! ID required)
Change settings via email:
<mailto:acom-list-normal@yahoogroups.com?subject=Email%20Delivery:%20Indiviual%20Email> Switch delivery to Individual |
<mailto:acom-list-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional> Switch format to Traditional

<http://groups.yahoo.com/group/acom-list;_ylc=X3oDMTJkcGFlb2lrBF9TAzk3MzU5NzE1BGdycElkAzExODcyNTYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMTk1Mzg5ODEw> Visit Your Group |
<http://docs.yahoo.com/info/terms/> Yahoo! Groups Terms of Use |
<mailto:acom-list-unsubscribe@yahoogroups.com?subject=Unsubscribe> Unsubscribe

<http://geo.yahoo.com/serv?s=97359715/grpId=1187256/grpspId=1705063108/msgId=756/stime=1195389809/nc1=4025373/nc2=4836045/nc3=4840957>

[Non-text portions of this message have been removed]

2154. tube source? (was Bias too low at power on)

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-18 15:59:31 UTC
From: N1EU
Topic: 2153 Message: 2154

--- In acom-list@yahoogroups.com, "Hal Kennedy" <halken@...> wrote:
Thanks Hal.

Can anyone suggest a reliable source to get a single or pair of
4CX800A's in a hurry? (next weekend is CQWW CW)

73,
Barry N1EU

>
> Possibly a bad tube Barry. My amp was tripping off occasionally with a
> bias too low alarm. I could watch the amp in standby, and the bias was
> always stable - I forget the value now - something like -147 V. In
> "operate" the bias would not be stable and wander around - sometimes
> getting low enough to trip the amp back to standby. I replaced one tube
> and that cleared it up. You may have a shorted grid..
>

2155. Re: FT2000D generating a forward spike making my ACOM 2000A drop to standby

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-18 19:06:01 UTC
From: mgh.friedrich
Topic: 2151 Message: 2155

Dear Joel,

if I understand your mail correctly, the FT-DX2000D produces RF spikes immidiately after pressing the PTT of the TRX, for instance a usual foot switch. The ACOM2000A needs about 6 milliseconds for switching the RF input from the "Go thruline to the Antenna connector" to the internal 50 Ohm 100 watt dummy load of the ACOM2000A.
I wonder, that Stan was not able to help you. He has very much technical competence.
I recommend the following test:
1. disconnect the microphone
2. set mic and power of the FT-DX2000D to 12 oclock
2. set the ACOM2000A for operation on the desired frequency
3. connect the KEY-IN line of the ACOM2000A permanent to ground
After this push the foot switch and watch the LEDs for forward power of the ACOM2000A. The LEDs held the peak output for a while. If any output of the ACOM2000A is indicated, you have isolated the problem to the FT-DX2000A. There m u s t be the fault, because under those conditions the ACOM2000A will only produce output,if there is any RF input on the ACOM2000A. Without mic and in that configuration the FT-DX2000A should not deliver any RF (spike). If no RF output is indicated under those conditions, it is ok. Then pse send me a mail to proceed with the next step.

As sequencer I use the microkeyer MK2R from microham with great success. Look on the Yahoo group for evaluation. It is designed for 2 radios. The microkeyer from microham is similar and should do the job for delaying the PTT of the transceiver while keying the ACOM2000A first. I use the MK2R for protection of my IC-7800 connected to a ACOM2000A, because the IC-7800 has no feed back line from the ACOM2000A to the TRX. This line goes to ground, when the ACOM2000A is ready to process any RF input. All major Yaesu transceiver are using the "TX inhibit"-line for correct sequencing. The sequencer or the correctly used transmission inhibit feed back line avoids 100% hot switching of the ACOM2000A.

I do not know the FT-DX2000D, but the Ft-DX9000D. Is there any menu parameter in the FT-DX2000D like in the FT-DX9000D for the time delay ? (if so, set it to 15 milliseconds)

So I cannot solve your problem but the microkeyer from microham will solve the problem. Its disadvantage: You need a PC for controlling the microkeyer by USB.

best 73

Michael

--- In acom-list@yahoogroups.com, "jhk40" <K2QBV@...> wrote:
>
> My Acom2000A is three weeks old but upon keying up on SSB the RCU
> unit returns to the standby mode (same thing with a dummy load).
> This "drop out" is due to the Yaesu FT2000D sending a forward spike
> to the protection circuit within the Acom 2000A. Tried many things
> suggested by Stan at the factory. Only thing that seems to help a
> little is the Heil FS2 foot switch that creates a few millisecond
> delay to the tranceiver and allows the amplifier to fire up or turn
> on first. Today,Yaesu suggested I purchase an "amplifier sequencer"
> that works like the foot switch. I am unable at this point to find a
> sequencer anywhere. I am well aware that there are many FT2000s out
> there driving an Acom 2000A and I am looking to perhaps inquire what
> was done to not allow the amp to return to the standby mode as often
> as I'm seeing. The problem as explained by Acom is not in the
> antennas or the feed lines but in the output of the Yaesu FT2000
> generating this forward spike. With my other amplifiers like the
> 30S1 or the 3KA Henry there is no reset mode and will run until
> flames come out. If you have an idea, I can e mail you the many
> many things that were suggested that I actually tried. I welcome
> your suggestions where they may be somewhat different from all that
> I tried. Thank you, Joel Kornreich, K2QBV (k2qbv@...)
>

2156. Re: [acom-list] tube source? (was Bias too low at power on)

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-18 20:23:10 UTC
From: Dennis Vernacchia
Topic: 2153 Message: 2156

I got mine from Tom's Tubes - Check Google ot reflector for his contact info
(I heard he may have passed on but someone else running business -
Also RF Parts in San Marcos CA should have some and can ship overnight
Talk to Merit Arnold if any Tech Talk involved)

I have no pecuniary interest in this matrter
73, Dennis N6KI

On Nov 18, 2007 7:59 AM, N1EU <barry.n1eu@...> wrote:

> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "Hal
> Kennedy" <halken@...> wrote:
> Thanks Hal.
>
> Can anyone suggest a reliable source to get a single or pair of
> 4CX800A's in a hurry? (next weekend is CQWW CW)
>
> 73,
> Barry N1EU
>
> >
> > Possibly a bad tube Barry. My amp was tripping off occasionally with a
> > bias too low alarm. I could watch the amp in standby, and the bias was
> > always stable - I forget the value now - something like -147 V. In
> > "operate" the bias would not be stable and wander around - sometimes
> > getting low enough to trip the amp back to standby. I replaced one tube
> > and that cleared it up. You may have a shorted grid..
> >
>
>
>

[Non-text portions of this message have been removed]

2157. Re: Bias too low at power on: -000V

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-18 20:40:40 UTC
From: N1EU
Topic: 2152 Message: 2157

Thanks much for all the help. I'm all set with sources to replace the 4CX800A(s).

It does seem that I also need to rule out one other possible cause of the "bias too low" alarm" before replacing the tubes. If anyone has the R5 photos that Stan references (below), could they please email them to me?

Thanks/73,
Barry N1EU

> >1. Open the Tube Deck bottom cover - please look at the attached picture
> >"TD_Bottom_Cover.jpg". Please be careful while opening since a PCB and the
> >RF swamping 50-Ohm resistor are installed on the aluminium cover -

look at
> >"TubeDeck_Open.jpg".
> >
> >2. Please look over the resistor R5 as designated in the picture
> >TubeDeck_R5.jpg. If it is of the same type and light-green colour as
the
> >one shown in the picture, the problem is in this resistor and it is

to be
> >replaced.

--- In acom-list@yahoogroups.com, "N1EU" <n1eu@...> wrote:
>
> Out of the blue, my 2000A now quickly flashes "Bias too low at power
> on: -000V" after the 2-minute warmup and shuts down.
>
> Has anybody gone through troubleshooting the same error message and
> received instructions from Acom?
>
> Thanks & 73,
> Barry N1EU
>

2158. Power cycling the ACOM-1000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-19 17:47:21 UTC
From: Paul M Dunphy
Topic: 2158 Message: 2158

I have an ACOM-1000 that has exceeded my expectation by far. This question is basic electronics, and I'm asking it in the context of the ACOM-1000, not radios, computers, etc. I use my station most of the day, from about 8:00 AM until midnight. This is done occasionally as in I'm in and out of the shack, and doing other things such as email, etc. Now and then something shows up on the DX Cluster I need, or I just decide to play radio for an hour or two. I may go 2-3 hours without using the amp ☐ even 4-5 hours if I don't need the extra power.

I have been turning everything on in the morning and then turning it off around midnight. In terms of wear and tear on the ACOM-1000, as well as the life of the tube, would it be better to turn it off for the 2-3 hour periods when it is being used, or to leave it on all day as I have been doing? I know the off/on cycle stresses components, especially tubes, but so does leaving a piece of equipment running 15-16 hours a day.

73/DX Paul VE1DX

2159. autotune settings forgotten on power down

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-20 05:49:42 UTC
From: Dick Green
Topic: 2159 Message: 2159

Hi,

My 2000a seems to be forgeting its tuning parameters across a power down/up cycle. The USR slots I previously programmed for each antenna are still there, but the tuning is wrong. For antennas that are far enough off the default settings, I have to repeat the autotune when I power back up.

Except for the USR slots still being there, the symptoms seem like a bad backup battery. My amp is nearly seven years old, so I wouldn't be surprised if the battery needs to be changed. However, I'm not getting BATTERY LOW or CHECK BATTERY statuses.

Has anyone seen these symptoms?

73, Dick WC1M

2160. Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-20 17:37:32 UTC
From: Paul M Dunphy
Topic: 2160 Message: 2160

The response to the original question was 50/50 and I felt there was no really 100% right answer. I emailed Will at ACOM (K6ND) and his response was as follows:

"Hello Paul, I would let it just idle.

Regards,

Will"

That was what I had been doing anyhow. Putting the technical issues aside, as a DXer, I want to be prepared! I guess this one is a personal decision -- I have come to realise over the years that tubes (and light bulbs) usually blow when they are first turned on, not when they are sitting there doing their job. I would imagine 4CX800As do the same.

73/DX Paul VE1DX

2161. Re: [acom-list] Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-20 19:07:34 UTC
From: Bill NY9H
Topic: 2160 Message: 2161

at least the replacement valves are affordable.....

one reason I bought the 2000a.... i can leave it on...if it's a ham radio day.

bill

2162. Re: [acom-list] Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-20 19:32:40 UTC
From: Hans Remeeus
Topic: 2160 Message: 2162

Hello Bill,

Keeping the Acom 2000A on for the whole day will cost you a lot of kWh.

73.
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Bill NY9H schreef:
>
>
> at least the replacement valves are affordable.....
>
> one reason I bought the 2000a.... i can leave it on...if it's a ham
> radio day.
>
> bill
>

2163. Re: [acom-list] Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-20 19:59:25 UTC
From: Bill NY9H
Topic: 2160 Message: 2163

if the exciter power won't work them,
I'll try my TenTec Hercules... (400 watts)....

then I fire up the beast,,,,,,(in the basement)
http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=73801549

unless it's a day of radio (very rare).....then I'll leave the ACOM on.

bill

At 01:32 PM 11/20/2007, you wrote:

>Hello Bill,
>
>Keeping the Acom 2000A on for the whole day will cost you a lot of kWh.
>
>
>73.
>Hans Remeeus (PA1HR)
>http://www.remeeus.eu
>Communication is about people, the rest is technology.
>
>
>
>Bill NY9H schreef:
> >
> >
> > at least the replacement valves are affordable.....
> >
> > one reason I bought the 2000a.... i can leave it on...if it's a ham
> > radio day.
> >
> > bill
> >
>
>
>
>Yahoo! Groups Links
>
>
>

2164. anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 02:05:04 UTC
From: va2nrj
Topic: 2083 Message: 2164

I really love my acom 2000A

I try to find a solution for this troubble:

I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom 2000A
But when I don't want to use my amplifier, I just switch the amplifier in Stand by mode and ask the 7800 to have the full output (about 200 Watts)...Then the acom beep and beep and beep again telling me that I have to reduce my power...
Is there anyway to stop the beep and stay in stand by mode with 200 watts ? even in a hidden menu ?

I would like to add that during warming up the amp is not beeping EVEN with 200 Watts ..so I am sure there is a solution to tell the amplifier not taking care about power in stand by mode (exactly like it does during warming up)

Maybe in the next firmware upgrade ...

Maybe this message will be read by the acom's engineers...

Any answer will be appreciate ...

73

Robin

2165. Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 02:10:03 UTC
From: JOEL
Topic: 2083 Message: 2165

Hello Robin,

This came up once before. Because of the drive that the Acom has to handle on the stand by mode there is no way to stop this except turn off the amplifier completely. Search the reflector and you'll find reference to this.

'73, Joel, K2QBV

----- Original Message -----
From: va2nrj
To: acom-list@yahoogroups.com
Sent: Tuesday, November 20, 2007 9:05 PM
Subject: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

I really love my acom 2000A

I try to find a solution for this troubble:

I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
2000A
But when I don't want to use my amplifier, I just switch the
amplifier in Stand by mode and ask the 7800 to have the full output
(about 200 Watts)...Then the acom beep and beep and beep again
telling me that I have to reduce my power...
Is there anyway to stop the beep and stay in stand by mode with 200
watts ? even in a hidden menu ?

I would like to add that during warming up the amp is not beeping
EVEN with 200 Watts ..so I am sure there is a solution to tell the
amplifier not taking care about power in stand by mode (exactly like
it does during warming up)

Maybe in the next firmware upgrade ...

Maybe this message will be read by the acom's engineers...

Any answer will be appreciate ...

73

Robin

[Non-text portions of this message have been removed]

2166. Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 02:19:21 UTC
From: JOEL
Topic: 2083 Message: 2166

Hello Robin,

Another suggestion is to back off just a little. Somewhere under 200 watts you'll be safe and lose the beep.

Joel, K2QBV

----- Original Message -----
From: JOEL
To: acom-list@yahoogroups.com
Sent: Tuesday, November 20, 2007 9:10 PM
Subject: Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Hello Robin,

This came up once before. Because of the drive that the Acom has to handle on the stand by mode there is no way to stop this except turn off the amplifier completely. Search the reflector and you'll find reference to this.

'73, Joel, K2QBV

----- Original Message -----
From: va2nrj
To: acom-list@yahoogroups.com
Sent: Tuesday, November 20, 2007 9:05 PM
Subject: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

I really love my acom 2000A

I try to find a solution for this troubble:

I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
2000A
But when I don't want to use my amplifier, I just switch the
amplifier in Stand by mode and ask the 7800 to have the full output
(about 200 Watts)...Then the acom beep and beep and beep again
telling me that I have to reduce my power...
Is there anyway to stop the beep and stay in stand by mode with 200
watts ? even in a hidden menu ?

I would like to add that during warming up the amp is not beeping
EVEN with 200 Watts ..so I am sure there is a solution to tell the
amplifier not taking care about power in stand by mode (exactly like
it does during warming up)

Maybe in the next firmware upgrade ...

Maybe this message will be read by the acom's engineers...

Any answer will be appreciate ...

73

Robin

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2167. Re: anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 02:51:59 UTC
From: va2nrj
Topic: 2083 Message: 2167

So let me try to ask you in other word : is it dangerous for any part
of the acom to use 200 watts in stand by mode...
If not why not unsoldering the buzzer..
I don't like to use this brutal force hardware solution but if 200
watts will never damage my acom why not ???

Robin

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
> Hello Robin,
>
> Another suggestion is to back off just a little. Somewhere under
200 watts you'll be safe and lose the beep.
>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: JOEL
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 20, 2007 9:10 PM
> Subject: Re: [acom-list] anyway to stop beeping when I use 200
wattts in standby mode ?
>
>
>
> Hello Robin,
>
> This came up once before. Because of the drive that the Acom has
to handle on the stand by mode there is no way to stop this except
turn off the amplifier completely. Search the reflector and you'll
find reference to this.
>
> '73, Joel, K2QBV
>
> ----- Original Message -----
> From: va2nrj
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 20, 2007 9:05 PM
> Subject: [acom-list] anyway to stop beeping when I use 200 wattts
in standby mode ?
>
> I really love my acom 2000A
>

> I try to find a solution for this troubble:
>
> I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
> 2000A
> But when I don't want to use my amplifier, I just switch the
> amplifier in Stand by mode and ask the 7800 to have the full
output
> (about 200 Watts)...Then the acom beep and beep and beep again
> telling me that I have to reduce my power...
> Is there anyway to stop the beep and stay in stand by mode with
200
> watts ? even in a hidden menu ?
>
> I would like to add that during warming up the amp is not beeping
> EVEN with 200 Watts ..so I am sure there is a solution to tell
the
> amplifier not taking care about power in stand by mode (exactly
like
> it does during warming up)
>
> Maybe in the next firmware upgrade ...
>
> Maybe this message will be read by the acom's engineers...
>
> Any answer will be appreciate ...
>
> 73
>
> Robin
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2168. Re: [acom-list] Re: anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 03:01:50 UTC
From: JOEL
Topic: 2083 Message: 2168

I can't answer that for you. There has to be a reason for the beeper and cutting the wire is not the solution. The beeper only gives you an indication about the circuit overload and power it can handle . Back off on the power going to the Acom for five or so watts and no one will notice at all. That's all I can add.

Joel, K2QBV

----- Original Message -----
From: va2nrj
To: acom-list@yahoogroups.com
Sent: Tuesday, November 20, 2007 9:51 PM
Subject: [acom-list] Re: anyway to stop beeping when I use 200 wattts in standby mode ?

So let me try to ask you in other word : is it dangerous for any part
of the acom to use 200 watts in stand by mode...
If not why not unsoldering the buzzer..
I don't like to use this brutal force hardware solution but if 200
watts will never damage my acom why not ???

Robin

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
> Hello Robin,
>
> Another suggestion is to back off just a little. Somewhere under
200 watts you'll be safe and lose the beep.
>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: JOEL
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 20, 2007 9:10 PM
> Subject: Re: [acom-list] anyway to stop beeping when I use 200
wattts in standby mode ?
>
>
>
> Hello Robin,
>
> This came up once before. Because of the drive that the Acom has
to handle on the stand by mode there is no way to stop this except
turn off the amplifier completely. Search the reflector and you'll

find reference to this.
>
> '73, Joel, K2QBV
>
> ----- Original Message -----
> From: va2nrj
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 20, 2007 9:05 PM
> Subject: [acom-list] anyway to stop beeping when I use 200 wattts
in standby mode ?
>
> I really love my acom 2000A
>
> I try to find a solution for this troubble:
>
> I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
> 2000A
> But when I don't want to use my amplifier, I just switch the
> amplifier in Stand by mode and ask the 7800 to have the full
output
> (about 200 Watts)...Then the acom beep and beep and beep again
> telling me that I have to reduce my power...
> Is there anyway to stop the beep and stay in stand by mode with
200
> watts ? even in a hidden menu ?
>
> I would like to add that during warming up the amp is not beeping
> EVEN with 200 Watts ..so I am sure there is a solution to tell
the
> amplifier not taking care about power in stand by mode (exactly
like
> it does during warming up)
>
> Maybe in the next firmware upgrade ...
>
> Maybe this message will be read by the acom's engineers...
>
> Any answer will be appreciate ...
>
> 73
>
> Robin
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

2169. Re: [acom-list] Re: anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 03:35:08 UTC
From: Bill NY9H
Topic: 2083 Message: 2169

when i first got my 7800 i was considering using a relay to force the 7800 down
(using a fake agc level) to 50 watts when using the acom.

But as it turns out, I usually leave the icom at about 50 watts, then switch in my solid state TenTec for 500, then going to the acom when needed AND PRE HEATED. I use a pair of top ten a/b switches to switch in the amps.

I think the ACOM manual says NO more than 200 watts THRU the amp...so joel's suggestion of backing off a bit should work. And if ACOM says less than 200 , I'll give that some safety margin.

bill

2170. Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 14:53:46 UTC
From: npalex@bellsouth.net
Topic: 2160 Message: 2170

Paul,
I thind the recommendation to leave it on or idle is the best choice. The concern has to be "does this shorten tube life?" It may, but I think that filament startup shock is more damaging. Also consider (before the days of solid state) the thousands of glass and ceramic tubes used in commercial transmitters in police and fire dispatch, repeaters and broadcast service. Those tubes were on 24/7, and replaced periodically. Those "pulls" often ended up in amateur service with barely any degradation. Some systems never change tubes during decades of service, and "on" the whole time. These "valves", of course, were the famed names like Eimac, RCA, and Amperex - hopefully the Svetlana's of today continue those reliability traditions.
--
Regards,
Norm W4QN
==========
1a.
Power cycling the ACOM-1000 - follow up
Posted by: "Paul M Dunphy" amplifier@... ve1dx
Tue Nov 20, 2007 9:37 am (PST)
The response to the original question was 50/50 and I felt there
was no really 100% right answer. I emailed Will at ACOM (K6ND) and
his response was as follows:

"Hello Paul, I would let it just idle.

Regards,

Will"

That was what I had been doing anyhow. Putting the technical
issues aside, as a DXer, I want to be prepared! I guess this one is
a personal decision -- I have come to realise over the years that
tubes (and light bulbs) usually blow when they are first turned on,
not when they are sitting there doing their job. I would imagine
4CX800As do the same.

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

2171. RE: [acom-list] Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 16:06:31 UTC
From: Howard Klein
Topic: 2160 Message: 2171

Since there is not a confirmed answer to this question I have refrained from commenting but I do want to note that the Acom has protection from inrush current and an adequate warm up before the tube can be excited. I have done both over the years (about six or seven). Although I would prefer to have the amp always ready I think shutting down when you think you are done for the day may be better. I do remember seeing a post from Acom a few years ago that recommeded shut down.
73,
Howard..K2HK

> To: acom-list@yahoogroups.com
> CC: amplifier@...
> From: npalex@...
> Date: Wed, 21 Nov 2007 14:53:46 +0000
> Subject: [acom-list] Power cycling the ACOM-1000 - follow up
>
> Paul,
> I thind the recommendation to leave it on or idle is the best choice. The concern has to be "does this shorten tube life?" It may, but I think that filament startup shock is more damaging. Also consider (before the days of solid state) the thousands of glass and ceramic tubes used in commercial transmitters in police and fire dispatch, repeaters and broadcast service. Those tubes were on 24/7, and replaced periodically. Those "pulls" often ended up in amateur service with barely any degradation. Some systems never change tubes during decades of service, and "on" the whole time. These "valves", of course, were the famed names like Eimac, RCA, and Amperex - hopefully the Svetlana's of today continue those reliability traditions.
> --
> Regards,
> Norm W4QN
> ==
>

2172. Re: [acom-list] Power cycling the ACOM-1000 - follow up

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 18:15:21 UTC
From: Mel Whitten
Topic: 2160 Message: 2172

Yes, I recall the time was 20-30minutes of no use, then shut it down.
Mel
k0pfx

----- Original Message -----
From: Howard Klein
To: acom-list@yahoogroups.com
Sent: Wednesday, November 21, 2007 10:06 AM
Subject: RE: [acom-list] Power cycling the ACOM-1000 - follow up

Since there is not a confirmed answer to this question I have refrained from commenting but I do want to note that the Acom has protection from inrush current and an adequate warm up before the tube can be excited. I have done both over the years (about six or seven). Although I would prefer to have the amp always ready I think shutting down when you think you are done for the day may be better. I do remember seeing a post from Acom a few years ago that recommeded shut down.
73,
Howard..K2HK

> To: acom-list@yahoogroups.com
> CC: amplifier@...
> From: npalex@...
> Date: Wed, 21 Nov 2007 14:53:46 +0000
> Subject: [acom-list] Power cycling the ACOM-1000 - follow up
>
> Paul,
> I thind the recommendation to leave it on or idle is the best choice. The concern has to be "does this shorten tube life?" It may, but I think that filament startup shock is more damaging. Also consider (before the days of solid state) the thousands of glass and ceramic tubes used in commercial transmitters in police and fire dispatch, repeaters and broadcast service. Those tubes were on 24/7, and replaced periodically. Those "pulls" often ended up in amateur service with barely any degradation. Some systems never change tubes during decades of service, and "on" the whole time. These "valves", of course, were the famed names like Eimac, RCA, and Amperex - hopefully the Svetlana's of today continue those reliability traditions.
> --
> Regards,
> Norm W4QN
> ==
>

[Non-text portions of this message have been removed]

2173. Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 18:26:54 UTC
From: K0DAN
Topic: 2083 Message: 2173

Hardware fix: Use or build a coax bypass switch (DPDT) and remove the amp
from the loop when you want to run the exciter barefoot.

GL es 73

Dan
K0DAN

----- Original Message -----
From: "JOEL" <K2QBV@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, November 20, 2007 8:10 PM
Subject: Re: [acom-list] anyway to stop beeping when I use 200 wattts in
standby mode ?

>
> Hello Robin,
>
> This came up once before. Because of the drive that the Acom has to
> handle on the stand by mode there is no way to stop this except turn off
> the amplifier completely. Search the reflector and you'll find reference
> to this.
>
> '73, Joel, K2QBV
>
>
> ----- Original Message -----
> From: va2nrj
> To: acom-list@yahoogroups.com
> Sent: Tuesday, November 20, 2007 9:05 PM
> Subject: [acom-list] anyway to stop beeping when I use 200 wattts in
> standby mode ?
>
>
> I really love my acom 2000A
>
> I try to find a solution for this troubble:
>
> I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
> 2000A
> But when I don't want to use my amplifier, I just switch the
> amplifier in Stand by mode and ask the 7800 to have the full output
> (about 200 Watts)...Then the acom beep and beep and beep again
> telling me that I have to reduce my power...
> Is there anyway to stop the beep and stay in stand by mode with 200

> watts ? even in a hidden menu ?
>
> I would like to add that during warming up the amp is not beeping
> EVEN with 200 Watts ..so I am sure there is a solution to tell the
> amplifier not taking care about power in stand by mode (exactly like
> it does during warming up)
>
> Maybe in the next firmware upgrade ...
>
> Maybe this message will be read by the acom's engineers...
>
> Any answer will be appreciate ...
>
> 73
>
> Robin
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
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>
> Yahoo! Groups Links
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>

2174. RE: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 23:01:25 UTC
From: Callum M0MCX
Topic: 2083 Message: 2174

Of interest, what's the safe maximum amount of power you can squirt into the 2000?

Callum McCormick

M0MCX

07976 631881

http://www.m0mcx.co.uk/

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of K0DAN
Sent: 21 November 2007 18:27
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Hardware fix: Use or build a coax bypass switch (DPDT) and remove the amp from the loop when you want to run the exciter barefoot.

GL es 73

Dan
K0DAN

----- Original Message -----
From: "JOEL" <K2QBV@optonline. <mailto:K2QBV%40optonline.net> net>
To: <acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com>
Sent: Tuesday, November 20, 2007 8:10 PM
Subject: Re: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

>
> Hello Robin,
>
> This came up once before. Because of the drive that the Acom has to
> handle on the stand by mode there is no way to stop this except turn off
> the amplifier completely. Search the reflector and you'll find reference
> to this.
>
> '73, Joel, K2QBV
>
>

> ----- Original Message -----
> From: va2nrj
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Sent: Tuesday, November 20, 2007 9:05 PM
> Subject: [acom-list] anyway to stop beeping when I use 200 wattts in
> standby mode ?
>
>
> I really love my acom 2000A
>
> I try to find a solution for this troubble:
>
> I usually set my ICOM 7800 for 10 to 20 watts to excite the Acom
> 2000A
> But when I don't want to use my amplifier, I just switch the
> amplifier in Stand by mode and ask the 7800 to have the full output
> (about 200 Watts)...Then the acom beep and beep and beep again
> telling me that I have to reduce my power...
> Is there anyway to stop the beep and stay in stand by mode with 200
> watts ? even in a hidden menu ?
>
> I would like to add that during warming up the amp is not beeping
> EVEN with 200 Watts ..so I am sure there is a solution to tell the
> amplifier not taking care about power in stand by mode (exactly like
> it does during warming up)
>
> Maybe in the next firmware upgrade ...
>
> Maybe this message will be read by the acom's engineers...
>
> Any answer will be appreciate ...
>
> 73
>
> Robin
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
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>
>
> Yahoo! Groups Links
>
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>

>

[Non-text portions of this message have been removed]

2175. RE: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 23:18:46 UTC
From: Bill NY9H
Topic: 2083 Message: 2175

FROM a document from ACOM

ACOM 2000A Protection

Here is an information file about nominal and protection values of
some important quantities in ACOM2000A. Please note especially p.6
and p.11 about the heater LED and mains voltage:

1. DRIVE LED blinks above 80W; trips above 126W. Nominal value is
50...60W for rated output. Reduce drive to overcome the protection.

2(a). FWD-P and RFL-P trip above 203W during standby. Bypassing up to
200W forward and reflected power through the amplifier in STBY and
OFF mode is safe. A warning is issued in STBY at 203W threshold to
secure amplifier's bypass circuitry safety. With 200W-transceivers
you may overcome an eventual warning by reducing the power of about
5-10% or so, when the 203-watt threshold is exceeded accidentally.

Please note that switching off the amplifier does not resolve the
problem, as the amplifier only could not tell you that the power is
too high for it's bypassing relay, and a risk of a damage still
exists with more than 200W. If you need more power with the amplifier
off, you should reconnect the input and output cables leading to the
amplifier, in order to take it out of any transmitting path for more than 200W.

2176. RE: [acom-list] anyway to stop beeping when I use 200 wattts in standby mode ?

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-21 23:18:46 UTC
From: Bill NY9H
Topic: 2083 Message: 2176

FROM a document from ACOM

ACOM 2000A Protection

Here is an information file about nominal and protection values of
some important quantities in ACOM2000A. Please note especially p.6
and p.11 about the heater LED and mains voltage:

1. DRIVE LED blinks above 80W; trips above 126W. Nominal value is
50...60W for rated output. Reduce drive to overcome the protection.

2(a). FWD-P and RFL-P trip above 203W during standby. Bypassing up to
200W forward and reflected power through the amplifier in STBY and
OFF mode is safe. A warning is issued in STBY at 203W threshold to
secure amplifier's bypass circuitry safety. With 200W-transceivers
you may overcome an eventual warning by reducing the power of about
5-10% or so, when the 203-watt threshold is exceeded accidentally.

Please note that switching off the amplifier does not resolve the
problem, as the amplifier only could not tell you that the power is
too high for it's bypassing relay, and a risk of a damage still
exists with more than 200W. If you need more power with the amplifier
off, you should reconnect the input and output cables leading to the
amplifier, in order to take it out of any transmitting path for more than 200W.

2177. FS: Antenna Switch

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-23 11:22:00 UTC
From: Henry Ingwersen, KT1J
Topic: 2177 Message: 2177

For sale,

ACOM 2000S Antenna Switch and 2000SW Controller. Purchased new, tested and then placed on the shelf. No foreseeable application here. $575 + shipping from 05491.

Henry, KT1J
kt1j (at) wcvt.com

[Non-text portions of this message have been removed]

2178. serialnumber Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-25 10:09:16 UTC
From: Hans , PA3HGT
Topic: 2178 Message: 2178

Hello all,

Can anyone provide me some info about serialnumbers for a Acom 2000A ?
This is about serialnumber : 040144
I want to know when this amp is build.
The softwareversion is 5.8 .

73,Hans,PA3HGT

www.pa3hgt.nl

2179. Re: [acom-list] serialnumber Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-25 16:43:41 UTC
From: K0DAN
Topic: 2178 Message: 2179

Hans...

If, on the remote control head, you hit
ESC
HELP
and then scroll DOWN
you will find the build dates of your amp (also hours of run time, software revision code, tube numbers, and other helpful info).

It looks like your 040144 is a date code, ie 2004???

73

Dan
K0DAN

----- Original Message -----
From: "Hans , PA3HGT" <pa3hgt@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, November 25, 2007 4:09 AM
Subject: [acom-list] serialnumber Acom 2000

> Hello all,
>
> Can anyone provide me some info about serialnumbers for a Acom 2000A ?
> This is about serialnumber : 040144
> I want to know when this amp is build.
> The softwareversion is 5.8 .
>
> 73,Hans,PA3HGT
>
> www.pa3hgt.nl
>
>
>
>

2180. Power Output Levels

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-25 17:32:55 UTC
From: Richard Zalewski
Topic: 2180 Message: 2180

Is there an easy way to control the output levels from band to band?
I have to dit when making a band change and then have to adjust the
output drive of the Pro III on each band change.

--
Tnx es 73
Dick W7ZR
www.w7zr.com

I INTEND TO LIVE FOREVER -
SO FAR SO GOOD

2181. Re: serialnumber Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-25 18:19:35 UTC
From: Hans , PA3HGT
Topic: 2178 Message: 2181

Thanks for reply , Dan !

--- In acom-list@yahoogroups.com, "K0DAN" <k0dan@...> wrote:
>
> Hans...
>
> If, on the remote control head, you hit
> ESC
> HELP
> and then scroll DOWN
> you will find the build dates of your amp (also hours of run time,
software
> revision code, tube numbers, and other helpful info).
>
> It looks like your 040144 is a date code, ie 2004???
>
> 73
>
> Dan
> K0DAN
>
> ----- Original Message -----
> From: "Hans , PA3HGT" <pa3hgt@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, November 25, 2007 4:09 AM
> Subject: [acom-list] serialnumber Acom 2000
>
>
> > Hello all,
> >
> > Can anyone provide me some info about serialnumbers for a Acom
2000A ?
> > This is about serialnumber : 040144
> > I want to know when this amp is build.
> > The softwareversion is 5.8 .
> >
> > 73,Hans,PA3HGT
> >
> > www.pa3hgt.nl
> >
> >
> >
> >
>

2182. Re: [acom-list] serialnumber Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-26 07:27:23 UTC
From: Dennis Vernacchia
Topic: 2178 Message: 2182

Hans,

If memory serves me you have Amplifier number 144 built in 2004

73, Dennis N6KI

On 11/25/07, Hans , PA3HGT <pa3hgt@...> wrote:
> Hello all,
>
> Can anyone provide me some info about serialnumbers for a Acom 2000A ?
> This is about serialnumber : 040144
> I want to know when this amp is build.
> The softwareversion is 5.8 .
>
> 73,Hans,PA3HGT
>
> www.pa3hgt.nl
>
>
>
>

2183. Re: serialnumber Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2007-11-27 21:30:29 UTC
From: Hans , PA3HGT
Topic: 2178 Message: 2183

Thanks Dennis !

--- In acom-list@yahoogroups.com, "Dennis Vernacchia" <n6ki73@...>
wrote:
>
> Hans,
>
> If memory serves me you have Amplifier number 144 built in 2004
>
> 73, Dennis N6KI
>
> On 11/25/07, Hans , PA3HGT <pa3hgt@...> wrote:
> > Hello all,
> >
> > Can anyone provide me some info about serialnumbers for a Acom
2000A ?
> > This is about serialnumber : 040144
> > I want to know when this amp is build.
> > The softwareversion is 5.8 .
> >
> > 73,Hans,PA3HGT
> >
> > www.pa3hgt.nl
> >
> >
> >
> >
>

2184. ACOM Mains PCB on 1010 Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-03 03:26:08 UTC
From: Ron NØAT
Topic: 2184 Message: 2184

The mains voltage selector on the 1010 amplifier consists of jumpers you have to solder into a PCB inside the amplifier. It seems as though on every trip I take, I have to change the jumpers. On my last trip, to San Andres, the voltage had to be set to 210 volts, as they use 208 three phase.

After changing the jumpers a number times, the holes in the PCB have deteriorated badly. In fact the plating is all but gone out of one of the holes. There are traces on the bottom of the board, and it is almost impossible to solder to the bottom of the board. The board is difficult to remove as there are two TO-220 transistors soldered to the board and screwed to the bracket below.

Here is my question: Has anyone inserted terminals, or wired switches into the mains jumper positions? I decided something has to be done to keep from soldering and unsoldering wires into those holes. When I travel to contest expedition locations I don't always know what line voltage to expect, and I want to be able to easily change the mains voltage setting.

73 de Ron NØAT

[Non-text portions of this message have been removed]

2185. Re: [acom-list] ACOM Mains PCB on 1010 Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-03 03:30:05 UTC
From: Dennis Vernacchia
Topic: 2184 Message: 2185

Why not solder 1 last set of wires to some sort of a connector hanging on a
pigtail of wires or
make up and Auxiliary PC board with screw terminals for future use

ACOM should have done that ...for the cost of the amp.....Geez !

73, Dennis N6KI

On Dec 2, 2007 7:26 PM, Ron NØAT <N0AT@...> wrote:

> The mains voltage selector on the 1010 amplifier consists of jumpers you
> have to solder into a PCB inside the amplifier. It seems as though on every
> trip I take, I have to change the jumpers. On my last trip, to San Andres,
> the voltage had to be set to 210 volts, as they use 208 three phase.
>
> After changing the jumpers a number times, the holes in the PCB have
> deteriorated badly. In fact the plating is all but gone out of one of the
> holes. There are traces on the bottom of the board, and it is almost
> impossible to solder to the bottom of the board. The board is difficult to
> remove as there are two TO-220 transistors soldered to the board and screwed
> to the bracket below.
>
> Here is my question: Has anyone inserted terminals, or wired switches into
> the mains jumper positions? I decided something has to be done to keep from
> soldering and unsoldering wires into those holes. When I travel to contest
> expedition locations I don't always know what line voltage to expect, and I
> want to be able to easily change the mains voltage setting.
>
> 73 de Ron NØAT
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2186. ACOM 1000 with TS-2000 Kenwood Radio

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-03 12:56:03 UTC
From: sebert1
Topic: 2186 Message: 2186

Hi, Can someone send me any pertinent information about hooking up and using ACOM 1000 with Kenwood TS-2000 Radio? Thanking you in advance.

John N9LBW

2187. RE: [acom-list] ACOM 1000 with TS-2000 Kenwood Radio

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-03 13:11:01 UTC
From: Robert Naumann
Topic: 2186 Message: 2187

John,

There's nothing special about using those two together.

You just connect the RF from the radio to the amp's input, and connect the PTT output from the radio to the PTT input on the amp.

Pages 76 and 94 in your manual discuss the amplifier connections for PTT on the Remote connector. Pin 2 is ground; pin 4 is PTT for the Acom 1000.

73,

Bob W5OV

-----Original Message-----
From: sebert1 [mailto:sebert1@...]
Sent: Monday, December 03, 2007 6:56 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 with TS-2000 Kenwood Radio

Hi, Can someone send me any pertinent information about hooking up and using ACOM 1000 with Kenwood TS-2000 Radio? Thanking you in advance.

John N9LBW

Yahoo! Groups Links

2188. Re: [acom-list] ACOM 1000 with TS-2000 Kenwood Radio

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 01:06:04 UTC
From: K0DAN
Topic: 2186 Message: 2188

You'll want to reduce the power output on the TS2000 to drive the amp to within its comfort limits and/or legal limits. I have an Acom 2000, and the drive is around 40-50 watts. Much more than that and the amp is exceeding legal limit and is unhappy with the overdrive.

73
Dan
K0DAN

----- Original Message -----
From: "Robert Naumann" <W5OV@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, December 03, 2007 7:11 AM
Subject: RE: [acom-list] ACOM 1000 with TS-2000 Kenwood Radio

> John,
>
> There's nothing special about using those two together.
>
> You just connect the RF from the radio to the amp's input, and connect the
> PTT output from the radio to the PTT input on the amp.
>
> Pages 76 and 94 in your manual discuss the amplifier connections for PTT
> on
> the Remote connector. Pin 2 is ground; pin 4 is PTT for the Acom 1000.
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: sebert1 [mailto:sebert1@...]
> Sent: Monday, December 03, 2007 6:56 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] ACOM 1000 with TS-2000 Kenwood Radio
>
> Hi, Can someone send me any pertinent information about hooking up and
> using ACOM 1000 with Kenwood TS-2000 Radio? Thanking you in advance.
>
> John N9LBW
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> Yahoo! Groups Links
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2189. amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 04:06:04 UTC
From: kamarty456
Topic: 2189 Message: 2189

Anyone using the NETCERTUS amp sequencer?
www.netsertus.com

I run the Acom 2000A and an Icom IC775dsp.
I occasionally experience the "Icom Power spike on transmit"
I usually am very careful and wait a moment before speaking..but you know the drill! Once and a while I will get a protect alert. I do use the ACC-1 configuration for the ptt of the amp.

I was looking at the netcertus unit as it is very small and adjustable. I believe the sweet spot for Acom is around 6msec.

I know some using the yaesu ft2000D and the Acom 2000A are also having a power spike issue and Yaesu seems uninterested in addressing it.
I also know the Icom 781 had a power spike on transmit. The IC775DSP had real issues in their first production runs and did address the problem. The newer production runs, mine was bought around March of 2000, do not exhibit a "serious" power spike on transmit. The Acom though is still sensitive to this anomaly.

My Acom was purchased in 2000. I'm not sure what software I have, but in the big picture the amp is flawless!

Too bad the folks at Acom do not provide some sort of sensitivity or other adjustment to compensate for the radio's problems. I also would have preferred if they allowed a 200w radio to pass through when in stand by...again a minor issue but some sort of user adjustment would have been very convenient.

I am still a very loyal user of the Acom 2000A and appreciate having it my radio station.

regards,

Marty ka7gkn
Any comments?

2190. Tubes life and replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 04:44:24 UTC
From: Paul M Dunphy
Topic: 2189 Message: 2190

I realise that tube life is highly dependent on amp usage so I'm not asking *exactly* how long one should expect a 4CX800A to last. Just curious if many (any?) of the long term ACOM users on the list ever changed one? I have the procedure and I did a "dry run" (put the existing tube back in) a few weeks ago to see how complicated it is . . . not bad at all except you obviously have to be careful when adjusting the current pots for the replacement tube (i.e. in the presence of high voltage.)

Anyhow, I have an ACOM-1000 that is about 6 months old, goes every day, and works like a charm. Have a couple of NOS GU74Bs for replacements when the original goes, but am hoping it will be a long time. It was really impressive to take that thing apart and see the quality of workmanship. No wonder they are so popular and end up on DXpeditions in places where the temperature is -50 C and then 6 months later some other group takes them to a place where it is + 50 C. (Like Peter 1st and Swains Island.)

Anyhow, I am curious how many of you guys have had to replace tubes and how you found it to go. Looks to be to be about an hour's work with the 1000 . . . can't comment in the 2000 as I never saw a write-up of the procedure.

73, Paul VE1DX

2191. Re: [acom-list] Tubes life and replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 06:06:48 UTC
From: kg4lru@aol.com
Topic: 2189 Message: 2191

4200 hours still full output plus

**********Check out AOL's list of 2007's hottest products.
(http://money.aol.com/special/hot-products-2007?NCID=aoltop00030000000001)

[Non-text portions of this message have been removed]

2192. RE: [acom-list] amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 12:34:26 UTC
From: Robert Naumann
Topic: 2189 Message: 2192

Marty,

I think that the initial spike problem is 100% a design flaw of the radio, so looking to the amp to resolve or to tolerate the spikes is putting the blame in the wrong place. The spike occurs no matter how high you have the power output set on the radio too. Your delay of speaking also makes no difference. I have seen this on many of the older Icoms. In contrast, the new Pro3 does not exhibit the problem. The Pro3 is an excellent radio in almost every respect. (If it had some crystal filters it would be perfect).

Regarding the use of 200w+ through the amp, it is strictly a safety limit for the amp. Since you cannot run that much power into the amp when it is operating, Acom has designed the amp to protect you from switching to operate by mistake at that power level and causing a problem with overdriving the amplifier.

If you need more than 100w or so just put the amp in operate mode!

That's why you bought it - no?

73,

Bob W5OV

-----Original Message-----
From: kamarty456 [mailto:martins160@...]
Sent: Monday, December 03, 2007 10:06 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] amp sequencer question

Anyone using the NETCERTUS amp sequencer?
www.netsertus.com

I run the Acom 2000A and an Icom IC775dsp.
I occasionally experience the "Icom Power spike on transmit"
I usually am very careful and wait a moment before speaking..but you know the drill! Once and a while I will get a protect alert. I do use the ACC-1 configuration for the ptt of the amp.

I was looking at the netcertus unit as it is very small and adjustable. I believe the sweet spot for Acom is around 6msec.

I know some using the yaesu ft2000D and the Acom 2000A are also having a power spike issue and Yaesu seems uninterested in addressing it.
I also know the Icom 781 had a power spike on transmit. The IC775DSP had real issues in their first production runs and did address the problem. The newer production runs, mine was bought around March of

2000, do not exhibit a "serious" power spike on transmit. The Acom though is still sensitive to this anomaly.

My Acom was purchased in 2000. I'm not sure what software I have, but in the big picture the amp is flawless!

Too bad the folks at Acom do not provide some sort of sensitivity or other adjustment to compensate for the radio's problems. I also would have preferred if they allowed a 200w radio to pass through when in stand by...again a minor issue but some sort of user adjustment would have been very convenient.

I am still a very loyal user of the Acom 2000A and appreciate having it my radio station.

regards,

Marty ka7gkn
Any comments?

Yahoo! Groups Links

2193. RE: [acom-list] Tubes life and replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 12:42:52 UTC
From: Robert Naumann
Topic: 2189 Message: 2193

10 years of heavy use in nearly every major contest including 3 trips as airline baggage to Antigua, multiple operators making mistakes, SSB, CW and RTTY and still on the original tubes at full output. The vacuum relay recently started having some problems and was replaced.

I still rate the 2000A an A+.

73,

Bob W5OV

-----Original Message-----
From: Paul M Dunphy [mailto:amplifier@...]
Sent: Monday, December 03, 2007 10:44 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Tubes life and replacement

I realise that tube life is highly dependent on amp usage so I'm not asking *exactly* how long one should expect a 4CX800A to last. Just curious if many (any?) of the long term ACOM users on the list ever changed one? I have the procedure and I did a "dry run" (put the existing tube back in) a few weeks ago to see how complicated it is . . . not bad at all except you obviously have to be careful when adjusting the current pots for the replacement tube (i.e. in the presence of high voltage.)

Anyhow, I have an ACOM-1000 that is about 6 months old, goes every day, and works like a charm. Have a couple of NOS GU74Bs for replacements when the original goes, but am hoping it will be a long time. It was really impressive to take that thing apart and see the quality of workmanship. No wonder they are so popular and end up on DXpeditions in places where the temperature is -50 C and then 6 months later some other group takes them to a place where it is + 50 C. (Like Peter 1st and Swains Island.)

Anyhow, I am curious how many of you guys have had to replace tubes and how you found it to go. Looks to be to be about an hour's work with the 1000 . . . can't comment in the 2000 as I never saw a write-up of the procedure.

73, Paul VE1DX

Yahoo! Groups Links

2194. Re: [acom-list] amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 13:05:23 UTC
From: JOEL
Topic: 2189 Message: 2194

Regarding the listing from KA7GKA, I expect in three days to receive the Netsertus board from South American. There's a lot going with their updated board and the manufacturer has been chatting with me regarding the "forward peak power spike" created by Yaesu. Because of the new Yaesu FT2000(D) is now out, I will "tell the entire story" on this reflector once the "board" is all working.

Remember, the problem may not just be the delay for my internal menu setting #145 but the "power peak".

Hope the above helps untill I'm ready.

Joel, K2QBV
(owner of a new Acom 2000A and Yaesu FT2000D)

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Monday, December 03, 2007 11:06 PM
Subject: [acom-list] amp sequencer question

Anyone using the NETCERTUS amp sequencer?
www.netsertus.com

I run the Acom 2000A and an Icom IC775dsp.
I occasionally experience the "Icom Power spike on transmit"
I usually am very careful and wait a moment before speaking..but you know the drill! Once and a while I will get a protect alert. I do use the ACC-1 configuration for the ptt of the amp.

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My Acom was purchased in 2000. I'm not sure what software I have, but in the big picture the amp is flawless!

Too bad the folks at Acom do not provide some sort of sensitivity or other adjustment to compensate for the radio's problems. I also would have preferred if they allowed a 200w radio to pass through when in

stand by...again a minor issue but some sort of user adjustment would have been very convenient.

I am still a very loyal user of the Acom 2000A and appreciate having it my radio station.

regards,

Marty ka7gkn
Any comments?

[Non-text portions of this message have been removed]

2195. RE: [acom-list] amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 13:31:14 UTC
From: Robert Naumann
Topic: 2189 Message: 2195

Joel,

In reading the webpage information, http://netcertus.com (the earlier link was busted) it seems that this device is strictly an amp sequencer, which means that it prevents the transmitter from switching to transmit prior to the amp relay being fully closed.

What it does is this:

PTT input to netcertus board >
IMMEDIATE PTT to amp >
Delay some msec >
PTT to radio> (spike will occur here)

This is a good thing, but it will not prevent the initial spike coming out of a radio when it goes to transmit from getting to the amp.

The radio will put out the spike regardless of when the amplifier relay pulls in so I don't see where this device will help fix the design flaw in these radios.

Has your other communication with Netcertus that indicated that this device will somehow resolve this problem?

73,

Bob W5OV

-----Original Message-----
From: JOEL [mailto:K2QBV@...]
Sent: Tuesday, December 04, 2007 7:05 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] amp sequencer question

Regarding the listing from KA7GKA, I expect in three days to receive the Netsertus board from South American. There's a lot going with their updated board and the manufacturer has been chatting with me regarding the "forward peak power spike" created by Yaesu. Because of the new Yaesu FT2000(D) is now out, I will "tell the entire story" on this reflector once the "board" is all working.

Remember, the problem may not just be the delay for my internal menu setting #145 but the "power peak".

Hope the above helps untill I'm ready.

Joel, K2QBV
(owner of a new Acom 2000A and Yaesu FT2000D)

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Monday, December 03, 2007 11:06 PM
Subject: [acom-list] amp sequencer question

Anyone using the NETCERTUS amp sequencer?
www.netsertus.com

I run the Acom 2000A and an Icom IC775dsp.
I occasionally experience the "Icom Power spike on transmit"
I usually am very careful and wait a moment before speaking..but you know the drill! Once and a while I will get a protect alert. I do use the ACC-1 configuration for the ptt of the amp.

I was looking at the netcertus unit as it is very small and adjustable. I believe the sweet spot for Acom is around 6msec.

I know some using the yaesu ft2000D and the Acom 2000A are also having a power spike issue and Yaesu seems uninterested in addressing it.
I also know the Icom 781 had a power spike on transmit. The IC775DSP had real issues in their first production runs and did address the problem. The newer production runs, mine was bought around March of 2000, do not exhibit a "serious" power spike on transmit. The Acom though is still sensitive to this anomaly.

My Acom was purchased in 2000. I'm not sure what software I have, but in the big picture the amp is flawless!

Too bad the folks at Acom do not provide some sort of sensitivity or other adjustment to compensate for the radio's problems. I also would have preferred if they allowed a 200w radio to pass through when in stand by...again a minor issue but some sort of user adjustment would have been very convenient.

I am still a very loyal user of the Acom 2000A and appreciate having it my radio station.

regards,

Marty ka7gkn
Any comments?

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2196. Re: [acom-list] amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 13:55:01 UTC
From: JOEL
Topic: 2189 Message: 2196

I received four response in ten mimutes. Three direct and one on the reflector. I will hold off as I am running off now but the answer is the sequencer.

If you have a 781 or FT2000 look on a fast scope and you'll see the "rush spike" and this is regardless of your xmtr output setting.

PS....Spend a lot of time with Stan in Bulgaria but can't do it in pieces.

Thanks for understanding...

Joel, K2QBV

----- Original Message -----
From: Robert Naumann
To: acom-list@yahoogroups.com
Sent: Tuesday, December 04, 2007 8:31 AM
Subject: RE: [acom-list] amp sequencer question

Joel,

In reading the webpage information, http://netcertus.com (the earlier link was busted) it seems that this device is strictly an amp sequencer, which means that it prevents the transmitter from switching to transmit prior to the amp relay being fully closed.

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73,

Bob W5OV

-----Original Message-----
From: JOEL [mailto:K2QBV@...]
Sent: Tuesday, December 04, 2007 7:05 AM

To: acom-list@yahoogroups.com
Subject: Re: [acom-list] amp sequencer question

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Remember, the problem may not just be the delay for my internal menu setting #145 but the "power peak".

Hope the above helps untill I'm ready.

Joel, K2QBV
(owner of a new Acom 2000A and Yaesu FT2000D)

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From: kamarty456
To: acom-list@yahoogroups.com
Sent: Monday, December 03, 2007 11:06 PM
Subject: [acom-list] amp sequencer question

Anyone using the NETCERTUS amp sequencer?
www.netsertus.com

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I occasionally experience the "Icom Power spike on transmit"
I usually am very careful and wait a moment before speaking..but you know the drill! Once and a while I will get a protect alert. I do use the ACC-1 configuration for the ptt of the amp.

I was looking at the netcertus unit as it is very small and adjustable. I believe the sweet spot for Acom is around 6msec.

I know some using the yaesu ft2000D and the Acom 2000A are also having a power spike issue and Yaesu seems uninterested in addressing it.
I also know the Icom 781 had a power spike on transmit. The IC775DSP had real issues in their first production runs and did address the problem. The newer production runs, mine was bought around March of 2000, do not exhibit a "serious" power spike on transmit. The Acom though is still sensitive to this anomaly.

My Acom was purchased in 2000. I'm not sure what software I have, but in the big picture the amp is flawless!

Too bad the folks at Acom do not provide some sort of sensitivity or other adjustment to compensate for the radio's problems. I also would have preferred if they allowed a 200w radio to pass through when in stand by...again a minor issue but some sort of user adjustment would have been very convenient.

I am still a very loyal user of the Acom 2000A and appreciate having it my radio station.

regards,

Marty ka7gkn
Any comments?

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

2197. Re: [acom-list] amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 14:16:38 UTC
From: Brian Alsop
Topic: 2189 Message: 2197

Looking forward to Joel's info.

If what Bob said is so, I don't see that it's much different than using
the ACOM key-in and key out lines.
My understanding of how key-in/key-out lines work is as follows:

PTT sig to key-in, after TR relay in amp closes the key out line
generates the PTT sig for rig. That might be on the order of 10 ms later.

key-in/key-out only solves problems for rigs that don't have any
appreciable delay between PTT (or first dit for semi-breakin) activation
and RF output. It shouldn't do anything for the power spike problem.

Note: There are some reasons to be able to run 200 watts through the
amp. One is called 30M where the power limit is 200W
No waiting 90 seconds for amp warm up. The efficiency of the amps at
200W is poor. All that heat/power generated by the idle current is lost.

73 de Brian/K3KO

JOEL wrote:

>I received four response in ten mimutes. Three direct and one on the reflector. I will
hold off as I am running off now but the answer is the sequencer.
>
>If you have a 781 or FT2000 look on a fast scope and you'll see the "rush spike" and this
is regardless of your xmtr output setting.
>
>PS....Spend a lot of time with Stan in Bulgaria but can't do it in pieces.
>
>Thanks for understanding...
>
>Joel, K2QBV
>
>
> ----- Original Message -----
> From: Robert Naumann
> To: acom-list@yahoogroups.com
> Sent: Tuesday, December 04, 2007 8:31 AM
> Subject: RE: [acom-list] amp sequencer question
>
>
> Joel,
>
> In reading the webpage information, http://netcertus.com (the earlier link
> was busted) it seems that this device is strictly an amp sequencer, which
> means that it prevents the transmitter from switching to transmit prior to

> the amp relay being fully closed.
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> What it does is this:
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> PTT input to netcertus board >
> IMMEDIATE PTT to amp >
> Delay some msec >
> PTT to radio> (spike will occur here)
>
> This is a good thing, but it will not prevent the initial spike coming out
> of a radio when it goes to transmit from getting to the amp.
>
> The radio will put out the spike regardless of when the amplifier relay
> pulls in so I don't see where this device will help fix the design flaw in
> these radios.
>
> Has your other communication with Netcertus that indicated that this device
> will somehow resolve this problem?
>
> 73,
>
> Bob W5OV
>
> -----Original Message-----
> From: JOEL [mailto:K2QBV@...]
> Sent: Tuesday, December 04, 2007 7:05 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] amp sequencer question
>
> Regarding the listing from KA7GKA, I expect in three days to receive the
> Netsertus board from South American. There's a lot going with their
> updated board and the manufacturer has been chatting with me regarding the
> "forward peak power spike" created by Yaesu. Because of the new Yaesu
> FT2000(D) is now out, I will "tell the entire story" on this reflector once
> the "board" is all working.
>
> Remember, the problem may not just be the delay for my internal menu setting
> #145 but the "power peak".
>
> Hope the above helps untill I'm ready.
>
> Joel, K2QBV
> (owner of a new Acom 2000A and Yaesu FT2000D)
>
> ----- Original Message -----
> From: kamarty456
> To: acom-list@yahoogroups.com
> Sent: Monday, December 03, 2007 11:06 PM
> Subject: [acom-list] amp sequencer question
>

> Anyone using the NETCERTUS amp sequencer?
> www.netsertus.com
>
> I run the Acom 2000A and an Icom IC775dsp.
> I occasionally experience the "Icom Power spike on transmit"
> I usually am very careful and wait a moment before speaking..but you
> know the drill! Once and a while I will get a protect alert. I do use
> the ACC-1 configuration for the ptt of the amp.
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> I was looking at the netcertus unit as it is very small and
> adjustable. I believe the sweet spot for Acom is around 6msec.
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> I know some using the yaesu ft2000D and the Acom 2000A are also
> having a power spike issue and Yaesu seems uninterested in addressing
> it.
> I also know the Icom 781 had a power spike on transmit. The IC775DSP
> had real issues in their first production runs and did address the
> problem. The newer production runs, mine was bought around March of
> 2000, do not exhibit a "serious" power spike on transmit. The Acom
> though is still sensitive to this anomaly.
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> My Acom was purchased in 2000. I'm not sure what software I have, but
> in the big picture the amp is flawless!
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> Too bad the folks at Acom do not provide some sort of sensitivity or
> other adjustment to compensate for the radio's problems. I also would
> have preferred if they allowed a 200w radio to pass through when in
> stand by...again a minor issue but some sort of user adjustment would
> have been very convenient.
>
> I am still a very loyal user of the Acom 2000A and appreciate having
> it my radio station.
>
> regards,
>
> Marty ka7gkn
> Any comments?
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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2198. Re: Tubes life and replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 15:30:59 UTC
From: kamarty456
Topic: 2189 Message: 2198

I believe I read in the Svetlana specs if not abused the tube can last 10,000 hours

If you respect the amp you should have a lifetime of use. If you run the amp 3 hours a day for 365 days you should see over 9 years of use!

Marty ka7gkn

2199. Re: amp sequencer question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 15:39:34 UTC
From: kamarty456
Topic: 2189 Message: 2199

Robert you are correct. This anomaly is strictly a design limitation of the specific radio and NOT the amplifier.
I discussed this issue in a manner simply to suggest such a "tough amp" could include tolerances for poorly designed radios.

I truly do not put the monkey on Acom's back to fix other products issues.

Please read this in the positive manner it was written.

Thank you

Marty ka7gkn

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> Marty,
>
> I think that the initial spike problem is 100% a design flaw of the radio,
> so looking to the amp to resolve or to tolerate the spikes is putting the
> blame in the wrong place. The spike occurs no matter how high you have the
> power output set on the radio too. Your delay of speaking also makes no
> difference. I have seen this on many of the older Icons. In contrast, the
> new Pro3 does not exhibit the problem. The Pro3 is an excellent radio in
> almost every respect. (If it had some crystal filters it would be perfect).
>
> Regarding the use of 200w+ through the amp, it is strictly a safety limit
> for the amp. Since you cannot run that much power into the amp when it is
> operating, Acom has designed the amp to protect you from switching to
> operate by mistake at that power level and causing a problem with
> overdriving the amplifier.
>
> If you need more than 100w or so just put the amp in operate mode!
>
> That's why you bought it - no?
>

> 73,
>
> Bob W5OV
>
>
>
>>
> Yahoo! Groups Links
>

2200. Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 17:50:37 UTC
From: Paul M Dunphy
Topic: 2200 Message: 2200

This was asked to me off line, but it's something I too have been wondering. Given that no one here seems to have ever had to change the tube(s) in the 1000 or 2000 amps, it may be hard to answer. The ACOM procedure doesn't mention anything about degassing or conditioning replacement tubes other than letting them sit for 15 minutes powered up before idling current adjustment. Any tubes we are likely to acquire will likely be years old, probably NOS GU74Bs. Does anyone have any thoughts on how to bring these up to working strength?

My first guess would be to put them in the amp as per ACOM's instructions and let them sit 3-4 hours instead of 15 minutes before adjusting the idling current - which requires the application of a bit of RF drive. Is there anything else one can or should do?

My sense is that since 4CX800A/GU74Bs were designed for military service and the expectation was they would be changed under harsh conditions in a hurry, they are one tough tube. I don't think they need the TLC of things like 8877s, etc. However, if it has been sitting on a shelf for up to 20 years, perhaps it needs some conditioning and one shouldn't just pop it in the amp and use it. Any tube experts here?

73/DX Paul VE1DX

2201. Re: [acom-list] Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 18:02:04 UTC
From: Sigismonti Ronald
Topic: 2200 Message: 2201

I am also interested in this thread and would like to know where one
can get GU74B's these days, now that Tom's Tubes is no more.

Sig, N3RS

On Dec 4, 2007, at 12:50 PM, Paul M Dunphy wrote:

This was asked to me off line, but it's something I too have
been wondering. Given that no one here seems to have ever had to
change the tube(s) in the 1000 or 2000 amps, it may be hard to
answer. The ACOM procedure doesn't mention anything about degassing
or conditioning replacement tubes other than letting them sit for 15
minutes powered up before idling current adjustment. Any tubes we
are likely to acquire will likely be years old, probably NOS
GU74Bs. Does anyone have any thoughts on how to bring these up to
working strength?

My first guess would be to put them in the amp as per ACOM's
instructions and let them sit 3-4 hours instead of 15 minutes before
adjusting the idling current - which requires the application of a
bit of RF drive. Is there anything else one can or should do?

My sense is that since 4CX800A/GU74Bs were designed for military
service and the expectation was they would be changed under harsh
conditions in a hurry, they are one tough tube. I don't think they
need the TLC of things like 8877s, etc. However, if it has been
sitting on a shelf for up to 20 years, perhaps it needs some
conditioning and one shouldn't just pop it in the amp and use
it. Any tube experts here?

73/DX Paul VE1DX

R. Sigismonti
n3rs@...

[Non-text portions of this message have been removed]

2202. Re: Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 18:32:56 UTC
From: pa7two
Topic: 2200 Message: 2202

Dear OM Paul,

Abt the GU74B tubes. I asked Stan (Acom) if there is a procedure to re-activate the tubes.

See below the e-mail from Stan:

Stanimir Lekov (acom@...)

To:

Kees - pa7two (pa7two@...)

Subject:

Re: Question about Acom 1000 for Stan

Attachments:

Security scan upon download

TubRep1000.txt (8.9 KB), GU74B_Base.jpg (68.1 KB)

Hello Kees,

As a minimum, you should check the tubes outside the amplifier. It is not wise risking amplifier mechanisms to only check a suspicious tube.

As a minimum, you can apply heater voltage and some air cooling for 4-5 hours, before trying to insert the tubes in the amplifier. You may use a 12.6V/4A AC or DC source for heater and a household fan blowing directly the tube for this purpose. The start current can reach 10-12A and the nominal value is 3.6A.

Then check that no internal short circuits are present between all tube electrodes (look at the attached picture). Check this with hot and with cool cathode. When the cathode is hot, observe proper polarity (flowing some current is likely with positive grids to cathode). While checking with cold cathode, you may use up to 100V between cathode and heater, as well as between cathode and G1. You may use up to 500V between G2 and any other electrode and up to 1000V to the anode. A standard mega-Ohm meter would be suitable for this purpose. With hot cathode and using a 500/1000V standard mega-Ohm meter, you may apply high voltage to the anode provided you have connected the two grids to the cathode.

You should be very careful when replacing the tube in the amplifier. First of all, keep off the HIGH VOLTAGE! And then be careful not to squeeze any socket spring contact. Please find attached the

replacement instruction.

If you have more questions please feel free to contact ACOM again.

73 Stan LZ1IU
Sofia, 26 October 2006.

Hello again Kees,

If the tube has been on the shell for less than five years, you may follow a shorter procedure. It would be of use to first check the tube with an Ohm-meter before installing it anyway.

When you turn on the amplifier, wait for 30-60 minutes in STBY mode (the newer the tube the shorter the time required). The screen-grid voltage is off in STBY mode. You may check for plate current presence during this period (the current should be zero).

It is important not to press the OPER button earlier. Then go to OPER mode and adjust the idling current as described in the Tube Replacement instruction. Finally do several QSOs with about half power and that's enough for preparation. You may use the full power and see how good is the tube.

73 Stan LZ1IU

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> This was asked to me off line, but it's something I too have
> been wondering. Given that no one here seems to have ever had to
> change the tube(s) in the 1000 or 2000 amps, it may be hard to
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> sitting on a shelf for up to 20 years, perhaps it needs some
> conditioning and one shouldn't just pop it in the amp and use
> it. Any tube experts here?
>
> 73/DX Paul VE1DX
>

2203. Re: Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 18:33:59 UTC
From: pa7two
Topic: 2200 Message: 2203

Hey Sig,

eBay should your friend these days I suppose!

Vy 73, de Kees - pa7two

--- In acom-list@yahoogroups.com, Sigismonti Ronald <n3rs@...> wrote:
>
> I am also interested in this thread and would like to know where one
> can get GU74B's these days, now that Tom's Tubes is no more.
>
> Sig, N3RS
>
>
>
> On Dec 4, 2007, at 12:50 PM, Paul M Dunphy wrote:
>
> This was asked to me off line, but it's something I too have
> been wondering. Given that no one here seems to have ever had to
> change the tube(s) in the 1000 or 2000 amps, it may be hard to
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> conditioning and one shouldn't just pop it in the amp and use
> it. Any tube experts here?
>
> 73/DX Paul VE1DX
>
>
>
> R. Sigismonti
> n3rs@...

>
>
>
>
> [Non-text portions of this message have been removed]
>

2204. RE: [acom-list] Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-04 19:58:19 UTC
From: N2TK
Topic: 2200 Message: 2204

Hi Sig,

How are you doing?

Here is one place for the 4cx800a

http://cgi.ebay.com/Russian-NOS-tube-GU-74B-4CX800-IN-PLASTIC_W0QQitemZ31000
2780555QQihZ021QQcategoryZ4675QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

They sure have gone up in price since I bought a pair a few years ago.

5985 hours on my original set so far.

Coming to Hellertown?

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Sigismonti Ronald
Sent: Tuesday, December 04, 2007 1:02 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Another 4CX800A/GU74B question

I am also interested in this thread and would like to know where one
can get GU74B's these days, now that Tom's Tubes is no more.

Sig, N3RS

On Dec 4, 2007, at 12:50 PM, Paul M Dunphy wrote:

This was asked to me off line, but it's something I too have
been wondering. Given that no one here seems to have ever had to
change the tube(s) in the 1000 or 2000 amps, it may be hard to
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are likely to acquire will likely be years old, probably NOS
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73/DX Paul VE1DX

R. Sigismonti
n3rs@verizon. <mailto:n3rs%40verizon.net> net

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2205. RE: [acom-list] Another 4CX800A/GU74B question

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-05 08:56:52 UTC
From: Thomas Herrmann
Topic: 2200 Message: 2205

I got 2 NOS 4CX800a from QRO Parts "http://qro-parts.com/" about 10 days before. Ordered them via I-net, payed online, got allways informed about delivery status, delivery was made via Finland and arrived savely. You can order "pairs" ore unselected tubes.

73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com
> Gesendet: 04.12.07 21:03:24
> An: <acom-list@yahoogroups.com>
> Betreff: RE: [acom-list] Another 4CX800A/GU74B question

>
>
>
>
> Hi Sig,
>
> How are you doing?
>
> Here is one place for the 4cx800a
>
> http://cgi.ebay.com/Russian-NOS-tube-GU-74B-4CX800-IN-PLASTIC_W0QQitemZ31000
> 2780555QQihZ021QQcategoryZ4675QQssPageNameZWDVWQQrdZ1QQcmdZViewItem
>
> They sure have gone up in price since I bought a pair a few years ago.
>
> 5985 hours on my original set so far.
>
> Coming to Hellertown?
>
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Sigismonti Ronald
> Sent: Tuesday, December 04, 2007 1:02 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Another 4CX800A/GU74B question
>
> I am also interested in this thread and would like to know where one
> can get GU74B's these days, now that Tom's Tubes is no more.
>
> Sig, N3RS
>

> On Dec 4, 2007, at 12:50 PM, Paul M Dunphy wrote:
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> need the TLC of things like 8877s, etc. However, if it has been
> sitting on a shelf for up to 20 years, perhaps it needs some
> conditioning and one shouldn't just pop it in the amp and use
> it. Any tube experts here?
>
> 73/DX Paul VE1DX
>
> R. Sigismonti
> n3rs@verizon. <mailto:n3rs%40verizon.net> net
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>

Jetzt neu! Schützen Sie Ihren PC mit McAfee und WEB.DE. 3 Monate
kostenlos testen. http://www.pc-sicherheit.web.de/startseite/?mc=022220

2206. 2000A serial port

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-06 13:24:01 UTC
From: N1EU
Topic: 2206 Message: 2206

Can anyone verify that it's okay to use a "y" connection to connect
the 2000A serial port to both a PC and to the 2000SW antenna switch?
Way back when Acom Tools was an item, I believe the "y" connection was
being used by some.

Thanks/73,
Barry N1EU

2207. Acom amps and tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-07 19:31:52 UTC
From: m0mrr
Topic: 2207 Message: 2207

I have been reading with concern the comments regarding the tubes for these amps going out of production. Today I contacted the UK distributor and below is the reply I recieved, makes interesting reading;

From: Ron
To: Mark M0MRR
Sent: Friday, December 07, 2007 3:22 PM
Subject: Re: acom amp

Hello Mark

Some idiot has done plenty of damage by putting out the rumour that the 4XC800A is no longer in production. The website of the manufacturer, Svetlana Tubes, lists them as a current product, and we have no trouble whatever in getting supplies. We have plenty of spares here for the foreseeable future, by the way.

No doubt one of the "experts" that are around has decided he knows best and started off a stupid rumour. I should be most interested in who the instigator of this nonsense is so that I can send him my personal thanks for the considerable time I have wasted on replying to enquiries about it.

Should Svetlana cease production of this extremely popular and rugged vacuum tube, and I see no reason at all why they would do that, then there are many thousands in stock in surplus equipment stores all over Eastern Europe.

Please feel free to publish this email on the discussion group where this silly rumour started. I expect the particular goon behind it is rubbing his silly knees with joy, having caused quite a few people needless concern. Whoever it is, I suggest he gets off his stupid computer and gets on the air where, just conceivably, he might cause less harm.

In any case please let me know where you have seen this so that I can put peoples minds at rest about it.

73
Ron
Vine Antennas Ltd
www.vinecom.co.uk
Tel in UK 01691 831111, outside UK +44 1691 831111
Fax in UK 01691 831386, outside UK +44 1691 831386

2208. Re: [acom-list] Acom amps and tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-07 20:10:47 UTC
From: Paul M Dunphy
Topic: 2207 Message: 2208

At 03:31 PM 12/7/2007, m0mrr wrote, in part:
>I have been reading with concern the comments regarding the tubes for
>these amps going out of production. Today I contacted the UK
>distributor and below is the reply I recieved, makes interesting
>reading;
>
>From: Ron
>To: Mark M0MRR
>Sent: Friday, December 07, 2007 3:22 PM
>Subject: Re: acom amp
>
>
>Hello Mark
>
>Some idiot has done plenty of damage by putting out the rumour that
>the 4XC800A is no longer in production. The website of the
>manufacturer, Svetlana Tubes, lists them as a current product, and we
>have no trouble whatever in getting supplies. We have plenty of
>spares here for the foreseeable future, by the way.

<snip>

I don't think anyone started any such rumour, or that one saying
the tube is no longer in production is going around is true.

What is true is that the cost of 4CX800A/GU74B tubes has
increased dramatically in the past couple of years. These tubes were
available for around $100 USD several years ago. The supply of NOS
tubes is drying up (people are recommending eBay as a source!), and
for example, RF Parts in California was charging ~$350 6-8 months
ago, and the price in now listed as "call." My experience is that
"call" = expensive.

I believe the concern is twofold:

(1) The cost of new tubes is somewhere in the order of $400 USD

(2) Some NOS GU74B tunes are still available for less (~$150-200) but
given that they may be 15-20 years old, ACOM is recommending they be
conditioned outside the amplifier for many hours by first heating the
filament, and then slowly ramping up the plate voltage. As I recall,
this is a 24-36 hour process and the plate voltage is high - 2600
volts. This is fine, but requires equipment and expertise many Hams
do not have. (2600 volts is not to be fooled with unless you know
your stuff.) It would be a lot nicer if we were assured we could
just switch a bad tube with a replacement *in the amp.*

That said, I am very happy with the ACOM-1000, have not been able to find anyone who has ever had to replace the original tube (or tubes in the case of the ACOM-2000.) I would highly recommend either amp to anyone.

I believe Ron is over-reacting. Certainly replacement tubes are available. They are just not as inexpensive as they were several years ago. The cheaper alternative GU74Bs require expertise and time to replace.

73/DX Paul VE1DX

2209. Acom 1010 Circuit Diagrams / Parts Lists

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-10 16:57:46 UTC
From: dcshawtx
Topic: 2209 Message: 2209

I've had my 1010 for over two years now and it is such a user-friendly amp that I leave it plugged in at home even though I originally bought it just for travel.

Anyway, just recently I was tuning up on 80M and saw a lot of arcing inside the case. I took the covers off and it turns out that, with time and transport, a disk capacitor was "drooping" and touching the ground side of the tuning variable.

There is a small PCB with five capacitors connected to the band switch, right above the tuning variable. The lowest one is larger and when bent all the way down can easily touch the variable.

I don't think there's any harm done - I cleaned up the soot, covered the burned disk capacitor with tape and all seems to work fine. However, just to be sure I'd like to replace the burned part...

Does anyone know how to find an Acom 1010 Circuit Diagram / Parts List? The "Files" section only has these for the other amps in the product line...

2210. Re: Acom 1010 Circuit Diagrams / Parts Lists

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-11 12:43:20 UTC
From: va2nrj
Topic: 2209 Message: 2210

Here is what you looking for :

Just download and extract the files

http://www.hfpower.com/acom1000cd.zip

Just download and extract the files...

73's

Robin - VA2NRJ

--- In acom-list@yahoogroups.com, "dcshawtx" <dcs_swb@...> wrote:
>
> I've had my 1010 for over two years now and it is such a user-
friendly
> amp that I leave it plugged in at home even though I originally
bought
> it just for travel.
>
> Anyway, just recently I was tuning up on 80M and saw a lot of arcing
> inside the case. I took the covers off and it turns out that, with
> time and transport, a disk capacitor was "drooping" and touching the
> ground side of the tuning variable.
>
> There is a small PCB with five capacitors connected to the band
> switch, right above the tuning variable. The lowest one is larger
and
> when bent all the way down can easily touch the variable.
>
> I don't think there's any harm done - I cleaned up the soot,
covered
> the burned disk capacitor with tape and all seems to work fine.
> However, just to be sure I'd like to replace the burned part...
>
> Does anyone know how to find an Acom 1010 Circuit Diagram / Parts
> List? The "Files" section only has these for the other amps in the
> product line...
>

2211. RE: [acom-list] Acom 1010 Circuit Diagrams / Parts Lists

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-11 23:11:41 UTC
From: Robin Delauney
Topic: 2209 Message: 2211

Hello

I asked directly the file to Acom for the 1010

I keep a copy on my computer

Just let me know if you want them

VA2NRJ

Robin

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of dcshawtx
Sent: December 10, 2007 11:58 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 1010 Circuit Diagrams / Parts Lists

I've had my 1010 for over two years now and it is such a user-friendly amp that I leave it plugged in at home even though I originally bought it just for travel.

Anyway, just recently I was tuning up on 80M and saw a lot of arcing inside the case. I took the covers off and it turns out that, with time and transport, a disk capacitor was "drooping" and touching the ground side of the tuning variable.

There is a small PCB with five capacitors connected to the band switch, right above the tuning variable. The lowest one is larger and when bent all the way down can easily touch the variable.

I don't think there's any harm done - I cleaned up the soot, covered the burned disk capacitor with tape and all seems to work fine. However, just to be sure I'd like to replace the burned part...

Does anyone know how to find an Acom 1010 Circuit Diagram / Parts List? The "Files" section only has these for the other amps in the product line...

[Non-text portions of this message have been removed]

2212. Re: Acom 1010 Circuit Diagrams / Parts Lists

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-12 17:17:51 UTC
From: dcshawtx
Topic: 2209 Message: 2212

Many thanks, folks, for the help with the files!

I've also spoken with Stan in Bulgaria who is sending me the latest CD
with information.

You might also like to know that Acom have introduced a mechanical
modification that supports this capacitor with a small plastic tab to
keep it off the variable. If anyone has the same issue with a
"drooping" 80M/160M load padding capacitor that touches the load
variable, it might be worth installing this tab.

73 de David, AB0Z

--- In acom-list@yahoogroups.com, "Robin Delauney" <robindel@...> wrote:
>
> Hello
>
>
>
> I asked directly the file to Acom for the 1010
>
> I keep a copy on my computer
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> Just let me know if you want them
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> Robin
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>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
On Behalf
> Of dcshawtx
> Sent: December 10, 2007 11:58 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Acom 1010 Circuit Diagrams / Parts Lists
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> List? The "Files" section only has these for the other amps in the
> product line...
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2213. acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 04:58:10 UTC
From: kg4lru
Topic: 2213 Message: 2213

Got a 2000 A heater indicator flickers, any clue ?

Phil ai4dq

2214. Re: [acom-list] acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 05:24:00 UTC
From: Hans Remeeus
Topic: 2213 Message: 2214

The Voltage is too low or too high. When the Voltage is too low the led indicator blinks slow and when the Voltage is too high the led indicator blinks fast (twice per second).

The nominal heater Voltage (Filament Voltage) must be around 12,6 Volt.

Have a look at the A2000A_Protections.txt file, p. 6.

What is the your Mains Voltage? E.g. 220, 225 or 230 Volt?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kg4lru schreef:
>
>
> Got a 2000 A heater indicator flickers, any clue ?
>
> Phil ai4dq
>

2215. Re: [acom-list] acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 08:13:29 UTC
From: Dennis Vernacchia
Topic: 2213 Message: 2215

Also if you have an older unit, the filament connector tends to burn up
from excess heat and later on ACOM used
a different connector which they can supply you with or
you can do as I did and soldered the leads directly to the PC Board

73, Dennis N6KI

On Dec 18, 2007 9:24 PM, Hans Remeeus <hans@...> wrote:

>
> The Voltage is too low or too high. When the Voltage is too low the led
> indicator blinks slow and when the Voltage is too high the led indicator
> blinks fast (twice per second).
>
> The nominal heater Voltage (Filament Voltage) must be around 12,6 Volt.
>
> Have a look at the A2000A_Protections.txt file, p. 6.
>
> What is the your Mains Voltage? E.g. 220, 225 or 230 Volt?
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
> kg4lru schreef:
>
> >
> >
> > Got a 2000 A heater indicator flickers, any clue ?
> >
> > Phil ai4dq
> >
>
>

[Non-text portions of this message have been removed]

2216. RE: [acom-list] acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 10:30:52 UTC
From: Maximo EA1DDO/HK1DX
Topic: 2213 Message: 2216

Hi,
From the Acom 2000A Protection document;

6. Concerning the "HEATER" LED
indicator you may need the following information:

If "HEATER" indicator lights
continuously, probably mains voltage is lower than the nominal. If it often
blinks (twice per second), mains voltage is higher. You may still work safely
even when "HEATER" is lit, as this is a warning indication only, but
the protection threshold is yet close. If even more severe mains voltage
deviation occurs, the auto protection would trip, the red "PROT" LED
will flash, and an appropriate text message will be issued on the LCD.

In order to determine how close are the
trip conditions, you may enter the MEASURE sub-menu and monitor the following
values:

- MAINS (line input voltage, no protection
is directly derived);

- FIL-V (filament voltage, 10V to 14.4V is
acceptable);

- IF-REAR (filament current - rear tube, 3A
to 4.4A is acceptable);

- IF-FRONT (filament current - front tube,
3A to 4.4A is acceptable);

The heater voltage protection would trip at
voltages below 10V or over 14.4V, and the corresponding message to the operator
is issued on the RCU. Respectively, the thresholds for heater current
protection are 3A and 4.4A, and appropriate messages appear when tripped.

For your information, the nominal filament
voltage is 12.6V, and the nominal current is 3.6A. The "HEATER"
indicator on the RCU is normally dark. It will light constantly if the filament
voltage drops below 11.6V, and it will frequently blink if the voltage exceeds
13.6V (in order to inform you that nearly half of the acceptable range is
crossed). In both cases the voltage selection may need to be changed if this
conditions predominate. See also p.11 below.
73, Maximo - EA1DDO.

To: acom-list@yahoogroups.com
From: ai4dq@...
Date: Wed, 19 Dec 2007 04:58:10 +0000

Subject: [acom-list] acom 2000 A Heater light indcators flickers

Got a 2000 A heater indicator flickers, any clue ?

Phil ai4dq

_____
Tecnolog?a, moda, motor, viajes,?suscr?bete a nuestros boletines para estar siempre a la ?ltima
http://newsletters.msn.com/hm/maintenanceeses.asp?L=ES&C=ES&P=WCMaintenance&Brand=WL&RU=http%3a%2f%2fmail.live.com

[Non-text portions of this message have been removed]

2217. RE: [acom-list] acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 13:53:06 UTC
From: George Steube
Topic: 2213 Message: 2217

I notice mine doing the same thing last weekend. It only lasted for a couple of seconds and has not returned. According to an ACOM acceptable parameters list this is only an indication that an operating parameter has drifted out off nominal range. It is a warning that the protection circuit limits are closer to operating. The things that cause this indication include: high mains voltage, high filament voltage, and high filament current. I think low mains voltage may trigger this warning, but I would have to check. When I noticed this issue I started to monitor all of the parameters mentioned above. I am using TRX manage so I could monitor four of them at the same time and saw the mains voltage was a little on the high side at 252V which in turn raised the filament voltage to 13.3V. Note that none of these values is even close to the trip levels of the protection circuit. The ACOM parameters list stresses that this is not a problem and does not negatively affect the amp. This time of year the power companies may be running with higher line voltages because the summer A/C loads are not there. They will adjust their voltages seasonally and this may be part of the problem. Couple of days after the heater light flickered the line voltage was down to 249V.
George
W2GS

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of kg4lru
Sent: Tuesday, December 18, 2007 10:58 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] acom 2000 A Heater light indcators flickers

Got a 2000 A heater indicator flickers, any clue ?

Phil ai4dq

[Non-text portions of this message have been removed]

2218. Heater Indicator

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 15:02:26 UTC
From: Hal Kennedy
Topic: 2218 Message: 2218

My Acoms' mains are set for 240 here, I get a fast blink on my heater indicators 3 or 4 times a years - usually lasts a day or so. Called the power company here in GA, USA, their requirement is 240 +/- 10%, which means they can supply 264 VAC. I have seen it as high as 253. At 253 the heater LEDs are blinking - not much I can do about it. In fours years this has caused no damage - as infrequent as it is.

Hal, N4GG

[Non-text portions of this message have been removed]

2219. Re: [acom-list] Heater Indicator

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 15:18:10 UTC
From: Hans Remeeus
Topic: 2218 Message: 2219

It will not harm the tubes when the heater Voltage is between 12.6 and
14.4 Volt.
But, it can harm the tubes when the heater Voltage is between 12.6 and
10 Volt.

For this reason it is better when you Mains is somewhat higher than lower.

Most of the time our Mains is around 227 Volt. Therefore I use the 220
Volt transformertaps instead of 240 Volt. With those taps the Filament
Voltage of my 2000A is about 13.3 Volt.
When I use the 240 Volt taps the Filament Voltage is about 12 Volt,
which is too low.

Unfortunately the Acom 2000A does not have 230 Volt transformertaps.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Hal Kennedy schreef:
>
>
> My Acoms' mains are set for 240 here, I get a fast blink on my heater
> indicators 3 or 4 times a years - usually lasts a day or so. Called the
> power company here in GA, USA, their requirement is 240 +/- 10%, which
> means they can supply 264 VAC. I have seen it as high as 253. At 253
> the heater LEDs are blinking - not much I can do about it. In fours
> years this has caused no damage - as infrequent as it is.
>

2220. RE: [acom-list] acom 2000 A Heater light indcators flickers

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-19 15:44:36 UTC
From: Bill NY9H
Topic: 2213 Message: 2220

scared me initially also,,,,,

now i have a great 5$ hamfest yokogawa digital voltmeter with hi-lo alarm leds & relays set & when those relays start clicking I can expect the acom to start blinking.... It took a while to realize what THAT clicking was also.....

quite the AMP.....
Merry Christmas & Happy Holidays to all....

bill

2221. Please Unsubscribe Me

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-27 18:30:24 UTC
From: w7zz.doug
Topic: 2221 Message: 2221

Please unsubscribe me from the list. Thanks.

2222. Re: [acom-list] Please Unsubscribe Me

Yahoo group: acom-list (1999 — 2009)
Date: 2007-12-30 14:17:17 UTC
From: VA3MW
Topic: 2221 Message: 2222

You to log into Yahoo and unsubscribe yourself.

Mike

----- Original Message -----
From: w7zz.doug
To: acom-list@yahoogroups.com
Sent: Thursday, December 27, 2007 1:30 PM
Subject: [acom-list] Please Unsubscribe Me

Please unsubscribe me from the list. Thanks.

[Non-text portions of this message have been removed]

2223. preventive maintenance reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 02:18:47 UTC
From: kamarty456
Topic: 2223 Message: 2223

Happy new year etc.
This is to remind all of us Acom amplifier users "TO CLEAN THE AIR FILTER"!!
A few minutes of doing this may prevent frustrating and costly repairs!

A dirty filter is the demise of any good piece of equipment.

Oh heck! Why don't you clean the filters on your other ham related equipment now too! If you have a 12v power supply especially with a fan. it might be worthwhile to pop its cover and blow out the dust!

Regards from a loyal and satisfied Acom user

Marty KA7GKN

2224. 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 12:08:19 UTC
From: N2TK
Topic: 2224 Message: 2224

My 2000A is giving me periodically a low bias indication then it shuts down.
Most of the time the bias is -122V. But once in a while sitting idle I will
get something like "bias too low". The value could be -38, or 00V. Any
ideas where to look for this problem as it is not consistent?
When I don't get this indication I still seem to be putting out full power.
Run time is 6070 hours.

Tnx
N2TK, Tony

[Non-text portions of this message have been removed]

2225. Re: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 13:12:45 UTC
From: Barry N1EU
Topic: 2224 Message: 2225

Tony, the fact that the problem isn't consistent is going to make it a bit more difficult to troubleshoot. It sounds like either the bias voltage regulator or a bad tube. If you have a good spare set of tubes, I'd install them and see if the problem completely disappears. That's probably going to be the fastest, best shot at identifying the problem.

You should also email Stan at Acom and he can provide a thorough troubleshooting methodology. The first step is probably taking a number of bias voltage measurements when the amp is in the failed state.

73/GL,
Barry N1EU

On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@...> wrote:

> My 2000A is giving me periodically a low bias indication then it shuts
> down.
> Most of the time the bias is -122V. But once in a while sitting idle I will
> get something like "bias too low". The value could be -38, or 00V. Any
> ideas where to look for this problem as it is not consistent?
> When I don't get this indication I still seem to be putting out full power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

2226. Re:2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 13:15:28 UTC
From: Hal Kennedy
Topic: 2224 Message: 2226

This is likely a bad tube. Try this: With the amp is 'standby' monitor the bias voltage. Is it nice and steady - even over a period of hours? Then monitor 'bias' with the amp in 'operate' but not being operated. Does the voltage wander around and occasionally trip the amp for low bias voltage?

Replacing a tube solved this problem for me a few months back. I kept the old tube as a "last resort" fallback tube. It would put out full power and worded FB in every way - except for tripping the amp for low bias once ever few operating hours.

73

Hal N4GG

[Non-text portions of this message have been removed]

2227. RE: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 13:17:19 UTC
From: N2TK
Topic: 2224 Message: 2227

Tnx Barry for the good advice. I will do that.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, January 07, 2008 8:13 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - low bias

Tony, the fact that the problem isn't consistent is going to make it a bit more difficult to troubleshoot. It sounds like either the bias voltage regulator or a bad tube. If you have a good spare set of tubes, I'd install them and see if the problem completely disappears. That's probably going to be the fastest, best shot at identifying the problem.

You should also email Stan at Acom and he can provide a thorough troubleshooting methodology. The first step is probably taking a number of bias voltage measurements when the amp is in the failed state.

73/GL,
Barry N1EU

On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:

> My 2000A is giving me periodically a low bias indication then it shuts
> down.
> Most of the time the bias is -122V. But once in a while sitting idle I
will
> get something like "bias too low". The value could be -38, or 00V. Any
> ideas where to look for this problem as it is not consistent?
> When I don't get this indication I still seem to be putting out full
power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

2228. RE: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 13:19:15 UTC
From: N2TK
Topic: 2224 Message: 2228

Oops. Just realized I don't have Stan's address anymore. Can someone help me with it?
Tnx
N2TK, Tony

From: N2TK [mailto:tony.kaz@...]
Sent: Monday, January 07, 2008 8:17 AM
To: 'acom-list@yahoogroups.com'
Subject: RE: [acom-list] 2000A - low bias

Tnx Barry for the good advice. I will do that.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, January 07, 2008 8:13 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - low bias

Tony, the fact that the problem isn't consistent is going to make it a bit more difficult to troubleshoot. It sounds like either the bias voltage regulator or a bad tube. If you have a good spare set of tubes, I'd install them and see if the problem completely disappears. That's probably going to be the fastest, best shot at identifying the problem.

You should also email Stan at Acom and he can provide a thorough troubleshooting methodology. The first step is probably taking a number of bias voltage measurements when the amp is in the failed state.

73/GL,
Barry N1EU

On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:

> My 2000A is giving me periodically a low bias indication then it shuts
> down.
> Most of the time the bias is -122V. But once in a while sitting idle I
will
> get something like "bias too low". The value could be -38, or 00V. Any
> ideas where to look for this problem as it is not consistent?

> When I don't get this indication I still seem to be putting out full
power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

2229. Re: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 14:22:12 UTC
From: Barry N1EU
Topic: 2224 Message: 2229

sent it to you directly via email Tony

73,
Barry N1EU

On Jan 7, 2008 8:19 AM, N2TK <tony.kaz@...> wrote:
>
>
>
>
>
>
> Oops. Just realized I don't have Stan's address anymore. Can someone help me
> with it?
> Tnx
> N2TK, Tony
>
> _____
>
> From: N2TK [mailto:tony.kaz@...]
> Sent: Monday, January 07, 2008 8:17 AM
>
> To: 'acom-list@yahoogroups.com'
> Subject: RE: [acom-list] 2000A - low bias
>
>
>
> Tnx Barry for the good advice. I will do that.
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Barry N1EU
> Sent: Monday, January 07, 2008 8:13 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A - low bias
>
> Tony, the fact that the problem isn't consistent is going to make it a
> bit more difficult to troubleshoot. It sounds like either the bias
> voltage regulator or a bad tube. If you have a good spare set of
> tubes, I'd install them and see if the problem completely disappears.
> That's probably going to be the fastest, best shot at identifying the
> problem.

>
> You should also email Stan at Acom and he can provide a thorough
> troubleshooting methodology. The first step is probably taking a
> number of bias voltage measurements when the amp is in the failed
> state.
>
> 73/GL,
> Barry N1EU
>
> On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
> <mailto:tony.kaz%40verizon.net> net> wrote:
>
> > My 2000A is giving me periodically a low bias indication then it shuts
> > down.
> > Most of the time the bias is -122V. But once in a while sitting idle I
> will
> > get something like "bias too low". The value could be -38, or 00V. Any
> > ideas where to look for this problem as it is not consistent?
> > When I don't get this indication I still seem to be putting out full
> power.
> > Run time is 6070 hours.
> >
> > Tnx
> > N2TK, Tony
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

2230. RE: [acom-list] Re:2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-07 21:50:36 UTC
From: N2TK
Topic: 2224 Message: 2230

Hi Hal,
Tnx for the input.

I can have the amp in standby all day and sometimes I leave it on for days and everything is fine. The bias will stay rock steady at -122V. I can operate with no problems. Then all of a sudden the amp shuts down and I get the low bias alarm.

I have a spare set of new tubes. Pain to get the amp down to work on it. It is on a shelf in the basement close to the ceiling. I have the RCU on the main floor in the shack. B But it looks like it is time to change them.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hal Kennedy
Sent: Monday, January 07, 2008 8:15 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re:2000A - low bias

This is likely a bad tube. Try this: With the amp is 'standby' monitor the bias voltage. Is it nice and steady - even over a period of hours? Then monitor 'bias' with the amp in 'operate' but not being operated. Does the voltage wander around and occasionally trip the amp for low bias voltage?

Replacing a tube solved this problem for me a few months back. I kept the old tube as a "last resort" fallback tube. It would put out full power and worded FB in every way - except for tripping the amp for low bias once ever few operating hours.

73

Hal N4GG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2231. Re: 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-08 12:56:53 UTC
From: Hal Kennedy
Topic: 2224 Message: 2231

To conserve tubes, I would replace them one at a time, to figure out which tube it is. You may want to install a new set once you have that figured out, but you will have a "good" pull and a "bad" pull at that point. The good pull is worth having as a spare.

If you are cheap like me - you can replace just the bad one. I've been running now with a new tube and a tube with something like 2000 hours on it. They match well in temp and work fine. One would expect the tube with more hours to go bad first, looking forward from here - but you never really know.

73

Hal N4GG

[Non-text portions of this message have been removed]

2232. RE: [acom-list] Re: 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-09 03:11:47 UTC
From: N2TK
Topic: 2224 Message: 2232

Just wondering with 6070 hours on the tubes if it makes sense to just change both of them?
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hal Kennedy
Sent: Tuesday, January 08, 2008 7:57 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: 2000A - low bias

To conserve tubes, I would replace them one at a time, to figure out which tube it is. You may want to install a new set once you have that figured out, but you will have a "good" pull and a "bad" pull at that point. The good pull is worth having as a spare.

If you are cheap like me - you can replace just the bad one. I've been running now with a new tube and a tube with something like 2000 hours on it. They match well in temp and work fine. One would expect the tube with more hours to go bad first, looking forward from here - but you never really know.

73

Hal N4GG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2233. RE: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-11 22:49:22 UTC
From: N2TK
Topic: 2224 Message: 2233

I put in a set of NOS tubes. During the timer count down I got a "low bias 00V" and it shut down. So, maybe it is the bias supply?
I was going to take out both tubes and fire it up that way. Is there any reason for not powering it up with no tubes to see if the bias voltage is okay? If so, I will try that.

If the bias looks okay with no tubes, then I suppose I can try one tube at a time. If I put in one tube at a time do I have to worry about not enough air getting to the tube since there won't be an air restriction with the open socket?

If the bias voltage is still zero without any tubes I will focus on the bias supply.

So far haven't heard back from Stan.

N2TK, Tony

From: N2TK [mailto:tony.kaz@...]
Sent: Monday, January 07, 2008 8:17 AM
To: 'acom-list@yahoogroups.com'
Subject: RE: [acom-list] 2000A - low bias

Tnx Barry for the good advice. I will do that.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, January 07, 2008 8:13 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - low bias

Tony, the fact that the problem isn't consistent is going to make it a bit more difficult to troubleshoot. It sounds like either the bias voltage regulator or a bad tube. If you have a good spare set of tubes, I'd install them and see if the problem completely disappears. That's probably going to be the fastest, best shot at identifying the problem.

You should also email Stan at Acom and he can provide a thorough troubleshooting methodology. The first step is probably taking a number of bias voltage measurements when the amp is in the failed state.

73/GL,
Barry N1EU

On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:

> My 2000A is giving me periodically a low bias indication then it shuts
> down.
> Most of the time the bias is -122V. But once in a while sitting idle I
will
> get something like "bias too low". The value could be -38, or 00V. Any
> ideas where to look for this problem as it is not consistent?
> When I don't get this indication I still seem to be putting out full
power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

2234. re[2]: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-11 23:04:56 UTC
From: Jim Idelson
Topic: 2224 Message: 2234

Have you tried to engage this conversation directly with Will at Acom in MA?

73,

Jim K1IR

> I put in a set of NOS tubes. During the timer count down I got a "low bias 00V" and it shut down. So, maybe it is the bias supply?
I was going to take out both tubes and fire it up that way. Is there any reason for not powering it up with no tubes to see if the bias voltage is okay? If so, I will try that.

If the bias looks okay with no tubes, then I suppose I can try one tube at a time. If I put in one tube at a time do I have to worry about not enough air getting to the tube since there won't be an air restriction with the open socket?

If the bias voltage is still zero without any tubes I will focus on the bias supply.

So far haven't heard back from Stan.

N2TK, Tony

From: N2TK [mailto:tony.kaz@...]
Sent: Monday, January 07, 2008 8:17 AM
To: 'acom-list@yahoogroups.com'
Subject: RE: [acom-list] 2000A - low bias

Tnx Barry for the good advice. I will do that.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, January 07, 2008 8:13 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - low bias

Tony, the fact that the problem isn't consistent is going to make it a bit more difficult to troubleshoot. It sounds like either the bias voltage regulator or a bad tube. If you have a good spare set of tubes, I'd install them and see if the problem completely disappears. That's probably going to be the fastest, best shot at identifying the problem.

You should also email Stan at Acom and he can provide a thorough
troubleshooting methodology. The first step is probably taking a
number of bias voltage measurements when the amp is in the failed
state.

73/GL,
Barry N1EU

On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:

> My 2000A is giving me periodically a low bias indication then it shuts
> down.
> Most of the time the bias is -122V. But once in a while sitting idle I
will
> get something like "bias too low". The value could be -38, or 00V. Any
> ideas where to look for this problem as it is not consistent?
> When I don't get this indication I still seem to be putting out full
power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

2235. Re: [acom-list] 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-12 01:40:28 UTC
From: Barry N1EU
Topic: 2224 Message: 2235

Tony, I sent you separately some troubleshooting info I received from Stan
for the "Bias too low at power on" error.

If you've only tried bringing the amp up once with the new tubes, I'd
definitely try again a few times.

Jim's suggestion of calling Acom USA directly is a good one, but I've
personally had consistently quick response from emailing Stan.

73/GL,
Barry N1EU

On 1/11/08, N2TK <tony.kaz@...> wrote:
>
> I put in a set of NOS tubes. During the timer count down I got a "low
> bias
> 00V" and it shut down. So, maybe it is the bias supply?
> I was going to take out both tubes and fire it up that way. Is there any
> reason for not powering it up with no tubes to see if the bias voltage is
> okay? If so, I will try that.
>
> If the bias looks okay with no tubes, then I suppose I can try one tube at
> a
> time. If I put in one tube at a time do I have to worry about not enough
> air
> getting to the tube since there won't be an air restriction with the open
> socket?
>
> If the bias voltage is still zero without any tubes I will focus on the
> bias
> supply.
>
> So far haven't heard back from Stan.
>
> N2TK, Tony
>
> _____
>
> From: N2TK [mailto:tony.kaz@... <tony.kaz%40verizon.net>]
> Sent: Monday, January 07, 2008 8:17 AM
> To: 'acom-list@yahoogroups.com <%27acom-list%40yahoogroups.com>'
> Subject: RE: [acom-list] 2000A - low bias
>
> Tnx Barry for the good advice. I will do that.
> N2TK, Tony
>

> _____
>
> From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>] On Behalf
> Of Barry N1EU
> Sent: Monday, January 07, 2008 8:13 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: Re: [acom-list] 2000A - low bias
>
> Tony, the fact that the problem isn't consistent is going to make it a
> bit more difficult to troubleshoot. It sounds like either the bias
> voltage regulator or a bad tube. If you have a good spare set of
> tubes, I'd install them and see if the problem completely disappears.
> That's probably going to be the fastest, best shot at identifying the
> problem.
>
> You should also email Stan at Acom and he can provide a thorough
> troubleshooting methodology. The first step is probably taking a
> number of bias voltage measurements when the amp is in the failed
> state.
>
> 73/GL,
> Barry N1EU
>
> On Jan 7, 2008 7:08 AM, N2TK <tony.kaz@verizon.
> <mailto:tony.kaz%40verizon.net> net> wrote:
>
> > My 2000A is giving me periodically a low bias indication then it shuts
> > down.
> > Most of the time the bias is -122V. But once in a while sitting idle I
> will
> > get something like "bias too low". The value could be -38, or 00V. Any
> > ideas where to look for this problem as it is not consistent?
> > When I don't get this indication I still seem to be putting out full
> power.
> > Run time is 6070 hours.
> >
> > Tnx
> > N2TK, Tony
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2236. FS: Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-13 20:32:51 UTC
From: Terry
Topic: 2236 Message: 2236

```
+ Extra cooling kit
<100 Hrs use
Need space :-(
Serious enquiries only
No shipping abroad

73
de G0VHS
UK
```

2237. Re: [acom-list] preventive maintenance reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-14 10:54:19 UTC
From: Hans Remeeus
Topic: 2223 Message: 2237

Hello Marty,

Thanks for your wise advise!

Yesterday I cleaned the filter with hot water and soap. It was not very dirty after 450 hours operating time, but on my 2000A I don't have the extra fan installed.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
>
>
> Happy new year etc.
> This is to remind all of us Acom amplifier users "TO CLEAN THE AIR
> FILTER"!!
> A few minutes of doing this may prevent frustrating and costly repairs!
>
> A dirty filter is the demise of any good piece of equipment.
>
> Oh heck! Why don't you clean the filters on your other ham related
> equipment now too! If you have a 12v power supply especially with a
> fan. it might be worthwhile to pop its cover and blow out the dust!
>
> Regards from a loyal and satisfied Acom user
>
> Marty KA7GKN
>

2238. RE: 2000A - low bias

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-14 16:29:44 UTC
From: N2TK
Topic: 2224 Message: 2238

Tnx for all the advice. The problem turned out to be a shorted tube. I had purchased a pair of NOS tubes from eBay. One of those turned out to have a short too. As it seems all of these NOS tubes are sold "as-is" I am stuck with the one tube. At least the amp is now cooking with one tube with 6K hours and a supposedly NOS tube. I will leave it run without any drive the rest of today, just in case before I put it back together and put it up on the shelf.

Even QRO.parts.com will only sell them "as-is". So, any ideas where I can buy a pair of GU-74B/4CX800A tubes?
Supposedly Svetlana is still making this tube, but who knows where they are going?

73,
N2TK, Tony

> _____
> From: N2TK [mailto:tony.kaz@...]
> Sent: Monday, January 07, 2008 7:08 AM
> To: Acom (acom-list@yahoogroups.com)
> Subject: 2000A - low bias
>
>
> My 2000A is giving me periodically a low bias indication then it shuts
> down. Most of the time the bias is -122V. But once in a while sitting
> idle I will get something like "bias too low". The value could be -38, or
> 00V. Any ideas where to look for this problem as it is not consistent?
> When I don't get this indication I still seem to be putting out full
> power.
> Run time is 6070 hours.
>
> Tnx
> N2TK, Tony
>

[Non-text portions of this message have been removed]

2239. Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-18 14:00:52 UTC
From: N2TK
Topic: 2239 Message: 2239

> Is there a way to degass and getter a GU-74B in an Acom 2000A amp? I hear
> it is recommended to do that with the Svetlana tubes that have been
> sitting around for years. Do I remove all voltages except the filament
> supply and let the tubes run for several hours? Then do I add all the
> other voltages and cycle the service mode which draws about 370ma plate
> current?
> It seems one common failure mode with this tube is a cathode to grid short
> after the filament is on about a minute or so. I have had this happen with
> some NOS when first put in the amp.
> Any input is appreciated.
>
> 73,
> N2TK, Tony

[Non-text portions of this message have been removed]

2240. Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-20 21:48:38 UTC
From: pa7two
Topic: 2239 Message: 2240

I would like to know how to proceed with a NOS tube in a ACOM 1000
amplifier as well. Who knows the answer for the easiest way to getter
a tube in this amplifier?

Vy 73, de Kees

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
>
>
> > Is there a way to degass and getter a GU-74B in an Acom 2000A amp?
I hear
> > it is recommended to do that with the Svetlana tubes that have been
> > sitting around for years. Do I remove all voltages except the filament
> > supply and let the tubes run for several hours? Then do I add all the
> > other voltages and cycle the service mode which draws about 370ma
plate
> > current?
> > It seems one common failure mode with this tube is a cathode to
grid short
> > after the filament is on about a minute or so. I have had this
happen with
> > some NOS when first put in the amp.
> > Any input is appreciated.
> >
> > 73,
> > N2TK, Tony
>
>
> [Non-text portions of this message have been removed]
>

2241. Acom 1000 input power dissipation..

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-20 22:09:31 UTC
From: gw0etf
Topic: 2241 Message: 2241

Just wondering how much power the input circuit (50 ohm 'swamping' resistor etc) should be dissipating.

If for instance I apply 50 watts from the tx, the Acom's drive power registers about 40 watts (so presumably metering is after the input circuits...). The stated gain of about 12.5 dB fits the input power measured by the Acom but is low when referenced at the output of the transmitter.

Does all this sound reasonable...?

73,

Stewart Rolfe, GW0ETF

2242. Re:Acom 1000 input power dissipation..

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-21 14:51:12 UTC
From: Hal Kennedy
Topic: 2241 Message: 2242

The absolute maximum control grid dissipation for the amp's tubes is 2 watts per tube. In proper operation a tetrode will dissipate virtually none of the drive power. The drive causes a controlling voltage within the tube, but the grid itself draws virtually no current and dissipates virtually no power. Here is a great little experiment for anyone who likes to run their ACOM 2000As with a lot of the red lights lit on the output power bar (assuming a 50 ohm load): Run the amp through an auto tune, then monitor the grid current while slowly turning the drive up. Notice the grid current is 2 mA or less - until you get a little past the design point - which is 1500W output - beyond which the grid current starts raising rapidly. Want grid shorts in your tubes? - run with those red lights on all the time. Notice also, the screen current also takes off above 1500W out. It's a 1500W amplifier, not a 2000W amplifier. There is a reason the green lights are green and the other lights are not green...

The input swamping resistor - which is 50 ohms because the grids it is in parallel with present nearly no impedance at all (some capacitance) - dissipates all but maybe 1 watt of the drive power. The metering is on the input. Stewart, If the amp says its getting 40 watts of drive, it is. If your transceiver says its putting out 50 watts - either you have a poor coax between them, or perhaps a bandpass filter or something else introducing loss between them, or the metering in the radio is off. On one of my two FT-1000MPs here the meter reads substantially too high - the other reads correctly. Check with a known good meter - a Bird perhaps - you will see the ACOM is correctly indicating what it's receiving in the way of drive power - and all of it is being dumped into that 50 ohm load resistor.

73

Hal N4GG

[Non-text portions of this message have been removed]

2243. Bias too low at power on

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-21 19:20:17 UTC
From: David J. Strout
Topic: 2243 Message: 2243

Gents: Could someone direct me to an archives memo or directive
that gives the solution to "Bias too low at power on: -001V" .... please.
Less than a month to major contest and back at square one again.
Thanks. Dave W2YC
==========
email: djsatty@...

2244. Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-21 20:21:00 UTC
From: pa5cw
Topic: 2239 Message: 2244

Kees,

zie:

http://www.nd2x.net/tube-prep.html

Kees PA5CW

--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> I would like to know how to proceed with a NOS tube in a ACOM 1000
> amplifier as well. Who knows the answer for the easiest way to getter
> a tube in this amplifier?
>
> Vy 73, de Kees
>
>
> --- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@> wrote:
> >
> >
> >
> > > Is there a way to degass and getter a GU-74B in an Acom 2000A amp?
> I hear
> > > it is recommended to do that with the Svetlana tubes that have been
> > > sitting around for years. Do I remove all voltages except the
filament
> > > supply and let the tubes run for several hours? Then do I add
all the
> > > other voltages and cycle the service mode which draws about 370ma
> plate
> > > current?
> > > It seems one common failure mode with this tube is a cathode to
> grid short
> > > after the filament is on about a minute or so. I have had this
> happen with
> > > some NOS when first put in the amp.
> > > Any input is appreciated.
> > >
> > > 73,
> > > N2TK, Tony
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

2245. Re: [acom-list] Bias too low at power on

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-21 20:47:14 UTC
From: Barry N1EU
Topic: 2243 Message: 2245

Have you tried going to the Acom Groups home at
http://groups.yahoo.com/group/acom-list/messages and searching on
"bias too low at power on"?

There have been several threads on this problem.

73,
Barry N1EU

On Jan 21, 2008 7:20 PM, David J. Strout <djsatty@...> wrote:

> Gents: Could someone direct me to an archives memo or directive
> that gives the solution to "Bias too low at power on: -001V" .... please.
> Less than a month to major contest and back at square one again.
> Thanks. Dave W2YC

2246. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-21 22:44:31 UTC
From: Kees - pa7two
Topic: 2239 Message: 2246

Hoi naamgenoot,

Goed stuk text. Betekend dat ik de variac voor de ACOM 1000 kan zetten om geleidelijk de HV erop te zetten of...?

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: pa5cw@...
Date: Mon, 21 Jan 2008 20:21:00 +0000
Subject: [acom-list] Re: Degassing and gettering a tube

Kees,

zie:

http://www.nd2x.net/tube-prep.html

Kees PA5CW

--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:

>

> I would like to know how to proceed with a NOS tube in a ACOM 1000

> amplifier as well. Who knows the answer for the easiest way to getter

> a tube in this amplifier?

>

> Vy 73, de Kees

>

>

> --- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@> wrote:

> >

> >

> >

> > > Is there a way to degass and getter a GU-74B in an Acom 2000A amp?

> I hear

> > > it is recommended to do that with the Svetlana tubes that have been

> > > sitting around for years. Do I remove all voltages except the

filament

> > > supply and let the tubes run for several hours? Then do I add

all the

> > > other voltages and cycle the service mode which draws about 370ma

> plate

> > > current?

> > > It seems one common failure mode with this tube is a cathode to

> grid short

> > > after the filament is on about a minute or so. I have had this

> happen with

> > > some NOS when first put in the amp.

> > > Any input is appreciated.

> > >

> > > 73,

> > > N2TK, Tony

> >

> >

> > [Non-text portions of this message have been removed]

> >

>

Climb to the top of the charts! Play the word scramble challenge with star power.
http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

2247. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 00:46:19 UTC
From: Brian Alsop
Topic: 2239 Message: 2247

This is all fine in theory.

We need a procedure we can use with our ACOM-1000 or ACOM-2000 boxes.

I doubt we can put a variac on the AC line and get anything but trips.
The best we might be able to do is set the jumpers for the highest line
voltage which may or may not reduce voltages significantly.

The query for such a procedure is now years old.

All that has been provided is what not to do.

73 de Brian/K3KO

pa5cw wrote:

>Kees,
>
>zie:
>
>http://www.nd2x.net/tube-prep.html
>
>Kees PA5CW
>
>--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
>
>>I would like to know how to proceed with a NOS tube in a ACOM 1000
>>amplifier as well. Who knows the answer for the easiest way to getter
>>a tube in this amplifier?
>>
>>Vy 73, de Kees
>>
>>
>>--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@> wrote:
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>>>
>>>
>>>>Is there a way to degass and getter a GU-74B in an Acom 2000A amp?
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>>
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>>>>it is recommended to do that with the Svetlana tubes that have been

>>>>sitting around for years. Do I remove all voltages except the
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>>>>
>filament
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>>>>supply and let the tubes run for several hours? Then do I add
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>all the
>
>
>>>>other voltages and cycle the service mode which draws about 370ma
>>>>
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>>plate
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>>
>>>>current?
>>>>It seems one common failure mode with this tube is a cathode to
>>>>
>>>>
>>grid short
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>>>>after the filament is on about a minute or so. I have had this
>>>>
>>>>
>>happen with
>>
>>
>>>>some NOS when first put in the amp.
>>>>Any input is appreciated.
>>>>
>>>>73,
>>>>N2TK, Tony
>>>>
>>>>
>>>[Non-text portions of this message have been removed]
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2248. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 00:54:39 UTC
From: Barry N1EU
Topic: 2239 Message: 2248

I can't seem to dig it up, but I seem to remember info posted a while back indicating you didn't need to go through the full blown gettering process but instead could run the NOS tube in the Acom for several hours with no drive. Does anybody remember that info better than I do perhaps and can point to the source?

73,
Barry N1EU

On Jan 22, 2008 12:46 AM, Brian Alsop <alsopb@...> wrote:
>
>
>
>
>
>
> This is all fine in theory.
>
> We need a procedure we can use with our ACOM-1000 or ACOM-2000 boxes.
>
> I doubt we can put a variac on the AC line and get anything but trips.
> The best we might be able to do is set the jumpers for the highest line
> voltage which may or may not reduce voltages significantly.
>
> The query for such a procedure is now years old.
>
> All that has been provided is what not to do.
>
> 73 de Brian/K3KO
>
>
>
> pa5cw wrote:
>
> >Kees,
> >
> >zie:
> >
> >http://www.nd2x.net/tube-prep.html
> >
> >Kees PA5CW
> >
> >--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
> >
> >

> >>I would like to know how to proceed with a NOS tube in a ACOM 1000
> >>amplifier as well. Who knows the answer for the easiest way to getter
> >>a tube in this amplifier?
> >>
> >>Vy 73, de Kees
> >>
> >>
> >>--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@> wrote:
> >>
> >>
> >>>
> >>>
> >>>
> >>>>Is there a way to degass and getter a GU-74B in an Acom 2000A amp?
> >>>>
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> >>>>
> >>>>
> >>>>it is recommended to do that with the Svetlana tubes that have been
> >>>>sitting around for years. Do I remove all voltages except the
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> >>>>
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> >>>>supply and let the tubes run for several hours? Then do I add
> >>>>
> >>>>
> >>>>all the
> >>>>
> >>>>
> >>>>other voltages and cycle the service mode which draws about 370ma
> >>>>
> >>>>
> >>>>plate
> >>>>
> >>>>
> >>>>current?
> >>>>It seems one common failure mode with this tube is a cathode to
> >>>>
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> >>>>grid short
> >>>>
> >>>>
> >>>>after the filament is on about a minute or so. I have had this
> >>>>
> >>>>
> >>>>happen with
> >>>>

> >>
> >>>>some NOS when first put in the amp.
> >>>>Any input is appreciated.
> >>>>
> >>>>73,
> >>>>N2TK, Tony
> >>>>
> >>>>
> >>>[Non-text portions of this message have been removed]
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>

2249. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 00:57:04 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2249

At 08:46 PM 1/21/2008, you wrote:
>This is all fine in theory.
>
>We need a procedure we can use with our ACOM-1000 or ACOM-2000 boxes.
>
>I doubt we can put a variac on the AC line and get anything but trips.
>The best we might be able to do is set the jumpers for the highest line
>voltage which may or may not reduce voltages significantly.
>
>The query for such a procedure is now years old.
>
>All that has been provided is what not to do.
>
>73 de Brian/K3KO

The reality is all we can do is put the NOS replacement in, plug our ears so the BANG won't scare the crap out of us and turn it on. Pray that if the NOS tube is shorted it doesn't damage the components of the amp when it blows or arcs.

If it fires up, just let it sit w/o RF drive of 5-6 hours, and I think it will be OK. The average Ham doesn't have all of the equipment recommended to condition tubes that have been sitting around for years, and at the cost of the ACOM-1000 and ACOM-2000 amps, we shouldn't have to. Whenever my original tube goes, that is what I plan on doing, anyhow. There really are not a lot of other options.

I asked before if anyone had ever changed a tube(s) and I seem to recall two classes of answers (1) No, never or yes and no problems and (2) had to send it back to the factory. I'm crossing my fingers that (1) is a lot more common than (2.)

73, Paul VE1DX

2250. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 03:09:16 UTC
From: kg4lru@aol.com
Topic: 2239 Message: 2250

Its best to Buy them without Gas

73

Phil

**********Start the year off right. Easy ways to stay in shape.
http://body.aol.com/fitness/winter-exercise?NCID=aolcmp00300000002489

[Non-text portions of this message have been removed]

2251. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 09:30:09 UTC
From: Kees - pa7two
Topic: 2239 Message: 2251

Hi all,

I think it is indeed good practice, like explained on the website link, to heat up the fillament (voltage raised in steps over some hours). I only wonder if I should short the other remaning pins of the tube to earth (-) or not?

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: amplifier@...
Date: Mon, 21 Jan 2008 20:57:04 -0400
Subject: Re: [acom-list] Re: Degassing and gettering a tube

At 08:46 PM 1/21/2008, you wrote:

>This is all fine in theory.

>

>We need a procedure we can use with our ACOM-1000 or ACOM-2000 boxes.

>

>I doubt we can put a variac on the AC line and get anything but trips.

>The best we might be able to do is set the jumpers for the highest line

>voltage which may or may not reduce voltages significantly.

>

>The query for such a procedure is now years old.

>

>All that has been provided is what not to do.

>

>73 de Brian/K3KO

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our ears so the BANG won't scare the crap out of us and turn it

on. Pray that if the NOS tube is shorted it doesn't damage the

components of the amp when it blows or arcs.

If it fires up, just let it sit w/o RF drive of 5-6 hours, and I

think it will be OK. The average Ham doesn't have all of the

equipment recommended to condition tubes that have been sitting

around for years, and at the cost of the ACOM-1000 and ACOM-2000

amps, we shouldn't have to. Whenever my original tube goes, that is

what I plan on doing, anyhow. There really are not a lot of other options.

I asked before if anyone had ever changed a tube(s) and I seem to

recall two classes of answers (1) No, never or yes and no problems

and (2) had to send it back to the factory. I'm crossing my fingers

that (1) is a lot more common than (2.)

73, Paul VE1DX

_____
Need to know the score, the latest news, or you need your Hotmail®-get your "fix".
http://www.msnmobilefix.com/Default.aspx

[Non-text portions of this message have been removed]

2252. Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 14:08:32 UTC
From: Hal Kennedy
Topic: 2239 Message: 2252

To my knowledge there is no "official" or "approved" gettering procedure for bringing up a NOS tube within the amp (1000 or 2000A).

I have changed-in many sets of NOS tubes into my 2000As without any problems at all, and I do what I believe is similar or the same as what is done at ACOM:

Fully install the tubes and turn on the amp. Let it sit in standby for 5-6 hours. Then go to operate and run the amp in intermittent service (a nice CW rag-chew) at half output power for 30 minutes, and that's it for gettering. To complete the job - run the tube replacement bias adjustments per the amp's tech manual.

The common failure in a tube with some gas is an anode arc-over. However, since the DC anode voltage in these amps is substantially lower than the maximum allowed for the tube, and in standby the control grid is biased WAY off, and the screen voltage is zero, the chances of an anode arc are negligible. The tube would have to be total junk to arc under these conditions. I would be interested in hearing from anyone who has ever had an anode arc-over bringing up a NOS GU-74b in an ACOM amp. This is not to be confused with so-called NOS tubes (particularly out of the Ukraine) that demonstrate grid shorts right out of the box - these are simply tubes that were used or dropped to destruction before you got them.

A not unrealistic alternative is to buy a used (or NOS) socket on eBay, and with some air blowing up through the socket simply power the filament of the tube in question at full filament voltage for a few hours. You cannot simply clip-lead on to the filament pins and power the filament. Without the socket and cooling air the filament seals will be destroyed in short order.

Hal

N4GG

[Non-text portions of this message have been removed]

2253. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 14:24:33 UTC
From: Kees - pa7two
Topic: 2239 Message: 2253

Hi OM Hal,

Good procedure you described, thanks

Realistic scenario: One buys a NOS tube on eBay or local radio market. First step is to check the tube pins on shorts after arrival. Never ever forget this first step...

Rearding the fillament / tube cooking, with increase of voltage in steps to the max allowed for some hours, with a fan pointed to the tube should be possible I suppose?

BTW: Had some bad gu74b tubes via eBay which I payed via PayPal. After step 1 (see above) wrote seller a letter and filled in complain form about the broken product, in all 3 cases got full refund after one month waiting. Use PayPal, it forces sellers to ship tubes / stuff that works! Otherwise money back1

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: halken@...
Date: Tue, 22 Jan 2008 09:08:32 -0500
Subject: [acom-list] Re: Degassing and gettering a tube

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for bringing up a NOS tube within the amp (1000 or 2000A).

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problems at all, and I do what I believe is similar or the same as what

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Hal

N4GG

[Non-text portions of this message have been removed]

_____
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http://biggestloser.msn.com/

[Non-text portions of this message have been removed]

2254. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 14:54:34 UTC
From: Barry
Topic: 2239 Message: 2254

Is it worth the potential headaches to try to save $100 on tubes for a
$5K+ amp?

Some of you guys must be driving the heck out of your amps. My first
Acom 2000A (recently sold) was almost 10 years old and still had full
output and no issues. My second 2000A, 6-7 years old now and still in
use, still 100% as well.
Barry, W2UP

Kees - pa7two wrote:
>
>
> Hi OM Hal,
>
> Good procedure you described, thanks
>
> Realistic scenario: One buys a NOS tube on eBay or local radio market.
> First step is to check the tube pins on shorts after arrival. Never
> ever forget this first step...
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> Rearding the fillament / tube cooking, with increase of voltage in
> steps to the max allowed for some hours, with a fan pointed to the
> tube should be possible I suppose?
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> BTW: Had some bad gu74b tubes via eBay which I payed via PayPal. After
> step 1 (see above) wrote seller a letter and filled in complain form
> about the broken product, in all 3 cases got full refund after one
> month waiting. Use PayPal, it forces sellers to ship tubes / stuff
> that works! Otherwise money back1
>
> Vy 73, de Kees
>
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> From: halken@... <mailto:halken%40comcast.net>
> Date: Tue, 22 Jan 2008 09:08:32 -0500
> Subject: [acom-list] Re: Degassing and gettering a tube
>
> To my knowledge there is no "official" or "approved" gettering procedure
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> for bringing up a NOS tube within the amp (1000 or 2000A).
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> is done at ACOM:
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> Fully install the tubes and turn on the amp. Let it sit in standby for
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> 5-6 hours. Then go to operate and run the amp in intermittent service
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> (a nice CW rag-chew) at half output power for 30 minutes, and that's it
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> for gettering. To complete the job - run the tube replacement bias
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> adjustments per the amp's tech manual.
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> The common failure in a tube with some gas is an anode arc-over.
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> However, since the DC anode voltage in these amps is substantially lower
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> than the maximum allowed for the tube, and in standby the control grid
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> is biased WAY off, and the screen voltage is zero, the chances of an
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> out of the Ukraine) that demonstrate grid shorts right out of the box -
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> you got them.
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> A not unrealistic alternative is to buy a used (or NOS) socket on eBay,
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> and with some air blowing up through the socket simply power the
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> filament of the tube in question at full filament voltage for a few
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> hours. You cannot simply clip-lead on to the filament pins and power
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> the filament. Without the socket and cooling air the filament seals
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> will be destroyed in short order.
>
> Hal
>
> N4GG
>

> [Non-text portions of this message have been removed]
>
> _____
> Shed those extra pounds with MSN and The Biggest Loser!
> http://biggestloser.msn.com/ <http://biggestloser.msn.com/>
>
> [Non-text portions of this message have been removed]
>
>

2255. Re: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 15:20:30 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2255

At 10:54 AM 1/22/2008, you wrote:
>Is it worth the potential headaches to try to save $100 on tubes for a
>$5K+ amp?
>
>Some of you guys must be driving the heck out of your amps. My first
>Acom 2000A (recently sold) was almost 10 years old and still had full
>output and no issues. My second 2000A, 6-7 years old now and still in
>use, still 100% as well.
>Barry, W2UP

Barry,

I don't think the issue is that we are trying to save $100. I'd pay $400-500 for a new tube if I could find one. The reality is the supply of 4CX800As dried up. We are forced to get NOS tubes wherever we can. The GU74B is a drop in replacement, but those available are 10-15 years old or more. Like you, I never had a problem and I have a few spare NOS tubes if I ever do. I'd just like to have the assurance that if my original tube does go, be it next month or 8-10 years from now, I can put a replacement in it without fooling around with Variacs, fans and spare chimneys/sockets outside of the amp for several days before I dare put it in.

That's the issue . . . not that we are pushing these things to 110% of their rated capacity, but rather what do we do when a tube goes? (and they all will, sooner or later, even yours)

73/DX Paul VE1DX

2256. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 15:47:44 UTC
From: Kees - pa7two
Topic: 2239 Message: 2256

Hi Barry,

Your assumpition was incorrect, at least I am talking about a spare tube... I have no clue why you thought that my original tube was broken?

These days the tubes are still affordable, although looking at prices on eBay the prices are raising RAPITLY over de last year.

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: w2up3@...
Date: Tue, 22 Jan 2008 09:54:34 -0500
Subject: Re: [acom-list] Re: Degassing and gettering a tube

Is it worth the potential headaches to try to save $100 on tubes for a

$5K+ amp?

Some of you guys must be driving the heck out of your amps. My first

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Barry, W2UP

Kees - pa7two wrote:

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> steps to the max allowed for some hours, with a fan pointed to the

> tube should be possible I suppose?

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> BTW: Had some bad gu74b tubes via eBay which I payed via PayPal. After

> step 1 (see above) wrote seller a letter and filled in complain form

> about the broken product, in all 3 cases got full refund after one

> month waiting. Use PayPal, it forces sellers to ship tubes / stuff

> that works! Otherwise money back1

>

> Vy 73, de Kees

>

> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>

> From: halken@... <mailto:halken%40comcast.net>

> Date: Tue, 22 Jan 2008 09:08:32 -0500

> Subject: [acom-list] Re: Degassing and gettering a tube

>

> To my knowledge there is no "official" or "approved" gettering procedure

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> for bringing up a NOS tube within the amp (1000 or 2000A).

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> adjustments per the amp's tech manual.
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> you got them.

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> A not unrealistic alternative is to buy a used (or NOS) socket on eBay,

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>

> Hal

>

> N4GG

>

> [Non-text portions of this message have been removed]

>

> --

> Shed those extra pounds with MSN and The Biggest Loser!

> http://biggestloser.msn.com/ <http://biggestloser.msn.com/>

>

> [Non-text portions of this message have been removed]

>

>

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[Non-text portions of this message have been removed]

2257. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-22 15:49:40 UTC
From: Kees - pa7two
Topic: 2239 Message: 2257

Very well said Paul! It pinpoints exactly my thoughts about having some spare tubes on the shelf.

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: amplifier@...
Date: Tue, 22 Jan 2008 11:20:30 -0400
Subject: Re: [acom-list] Re: Degassing and gettering a tube

At 10:54 AM 1/22/2008, you wrote:

>Is it worth the potential headaches to try to save $100 on tubes for a

>$5K+ amp?

>

>Some of you guys must be driving the heck out of your amps. My first

>Acom 2000A (recently sold) was almost 10 years old and still had full

>output and no issues. My second 2000A, 6-7 years old now and still in

>use, still 100% as well.

>Barry, W2UP

Barry,

I don't think the issue is that we are trying to save $100. I'd

pay $400-500 for a new tube if I could find one. The reality is the

supply of 4CX800As dried up. We are forced to get NOS tubes wherever

we can. The GU74B is a drop in replacement, but those available are

10-15 years old or more. Like you, I never had a problem and I have

a few spare NOS tubes if I ever do. I'd just like to have the

assurance that if my original tube does go, be it next month or 8-10

years from now, I can put a replacement in it without fooling around

with Variacs, fans and spare chimneys/sockets outside of the amp for

several days before I dare put it in.

That's the issue . . . not that we are pushing these things to

110% of their rated capacity, but rather what do we do when a tube

goes? (and they all will, sooner or later, even yours)

73/DX Paul VE1DX

_____
Climb to the top of the charts! Play the word scramble challenge with star power.
http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

2258. Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 14:43:56 UTC
From: Hal Kennedy
Topic: 2239 Message: 2258

As Paul and others have said Barry - it's not a question of the money or of driving the amps hard (at least in my case). I have no source for new tubes and I don't believe they are being made at this time. There was an irate post a while back from an EU ham who said new 4CX800As were readily available from Svetlana and he was a distributor. I immediately sent him an email for a quote for 100 new tubes - that was and still is a serious inquiry. He never replied. If ANYBODY can connect me to a source for 100 new 4CX800As in sealed Svetlana boxes with date codes of 2005 or better - please email me immediately. Has anybody ever seen a 4CX800A with a date code of 2005 or newer? There is a reason Alpha, ACOM and Ten Tec ship amps with "new" tubes that have date codes in the 1980s and early 1990s. As to life, the Svetlana spec sheet for the GU-74b says: ">1500 hours." I spoke at length to Tom of Tom's Tubes about life before Tom went SK. Based on his experiences his number was "2500-3000 hours average." One the 2000As here has 4000 hours on it and runs perfectly on its original tubes. The other 2000A here has 5500 hours on it and is on its third set - although the second set were known "junk bench-test tubes" that I got as a favor from one of the amp manufacturer's service departments. I had an Alpha 99 that probably had 5000 hours on it when I sold it - it was running great on its original tubes. Most of the tube changing here has been to test NOS spares I am collecting as the NOS gets depleted and prices continue to climb - and since I can't find new ones. If someone will sell me 100 or more new ones I plan to make them available as a service and at negligible profit - don't hold your breath. As an aside, I would prefer a NOS GU-74b from 1985 to a brand new 4CX800A assuming the NOS tube really was new. The Soviet tube was mil-spec and well made. The Russian 4CX800As that do exist have had shorter lives and a greater tendency to grid shorts based on my limited experience.

Great tip on PayPal Kees - thanks! Good luck to us all on tubes. Maybe Svetlana (or someone else?) will restart production at some point. I'd be very interested in a Chinese 4CX800A - but the Chinese don't seem to have progressed past all-glass tubes... yet.

Hal N4GG

[Non-text portions of this message have been removed]

2259. RE: [acom-list] Re: Degassing and gettering a tube

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 15:00:07 UTC
From: Kees - pa7two
Topic: 2239 Message: 2259

Hi OM Hal,

I am not aware of a difference between Russian and Soviet GU74B tubes? I have only seen the GU74B and the 4CX800a marks on the tubes.
GU74B marking on the old Svetlana brand with a dull looking tube; and 4CX800a on the SED (current brand) tubes (Svetlana Electronic Devices) which are nice & shiny like the EIMACs .
I am told that the new tubes are still produced by SED, but only for militairy purposes.

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: halken@...
Date: Wed, 23 Jan 2008 09:43:56 -0500
Subject: [acom-list] Re: Degassing and gettering a tube

As Paul and others have said Barry - it's not a question of the money or

of driving the amps hard (at least in my case). I have no source for

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Hal N4GG

[Non-text portions of this message have been removed]

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http://www.msnmobilefix.com/Default.aspx

[Non-text portions of this message have been removed]

2260. I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 15:55:18 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2260

At 11:00 AM 1/23/2008, Kees - pa7two wrote:
>Hi OM Hal,
>
>I am not aware of a difference between Russian and Soviet GU74B
>tubes? I have only seen the GU74B and the 4CX800a marks on the tubes.
>GU74B marking on the old Svetlana brand with a dull looking tube;
>and 4CX800a on the SED (current brand) tubes (Svetlana Electronic
>Devices) which are nice & shiny like the EIMACs .
>I am told that the new tubes are still produced by SED, but only for
>militairy purposes.
>
>Vy 73, de Kees

I did a bit of detective work (Internet searching) and found the
following:

"Svetlana tubes were originally manufactured by a company called
Svetlana Electronic Devices. At some point, New Sensor Corp (who owns
Sovtek) bought the rights to the name "Svetlana". Tubes made now that
are marked as "Svetlana" tubes are made by Sovtek. However, the
original company is still making the same high quality tubes they
always had been. They are now being labelled "SED" (Svetlana
Electronic Devices)."

I then found New Sensor Corp's web site:

http://www.newsensor.com/

They have a New York address and list Svetlana as one of the
product lines they carry, however, under their Svetlana listing,
there is no reference to a 4CX800A.

If you search on Sovtek, you get a lot of hits of resellers who
offer many audio (glass) amplifier tubes, but never a reference to a
4CX800A of any other metal/ceramic tube. Sovtek's web site in Russia
talks about restructuring and real estate:

http://www.sovtek.ru/gruppa_e.html

I don't know if anyone makes NEW 4CX800A anymore. It's possible
you are correct that some are made for military purposes, but I can't
find any reference to it.

About a year ago a talked to RF Parts. They were offering
"Svetlana" 4CX800A tubes for around $350. The person I spoke with
said they has a source in Russia, and that these tubes were (a) not
new and (b) they (RF Parts) had no way to test them but that they

would refund faulty ones on a "case by case basis" if it was obvious they were faulty when received. He also said they were getting harder and harder to get (the NOS Svetlana ones they were selling.) He described them as looking shiny like EIMAC tubes and not having the dull look of the GU74Bs. His advice to me was "better get one or two now because I don't know what they will cost in a year or two, or even if we will be able to get them."

So . . . over the past year I have acquired 4 NOS tubes. 2 Svetlana 4CX800As and 2 "in a sealed box" GU74B tubes. They were not cheap and they didn't come from eBay. Both sources have none left and I am *not* selling mine. I presume they will work when I need them. If not, I don't know where I would look. This still leaves owners of ACOM, Alpha and HF-2500DX linears in a bit of a bind.

QRO says on their web site: "F YOU USE TUBES OTHER THAN THE ONES DELIVERED WITH YOUR AMPLIFIER, QRO TECHNOLOGIES IS NOT RESPONSIBLE FOR ANY DAMAGE CAUSED BY THOSE TUBES. YOUR WARRANTY WILL BE VOID AS IT RELATES TO ANY DAMAGE CAUSED BY THOSE TUBES. YOU WILL BE RESPONSIBLE FOR THE REPAIR COSTS AND RETURN SHIPPING.

THE 4CX800A (GU74b) TUBE MUST BE PROPERLY GETTERED (DEGASSED) AND TESTED BEFORE USE. THE TUBES SUPPLIED WITH OUR AMPLIFIER HAVE BEEN GETTERED AND TESTED. TUBES SUPPLIED BY OTHER VENDORS HAVE NOT BEEN PROPERLY GETTERED AND TESTED. THESE TUBES HAVE A STRONG TENDENCY TO ARC CAUSING DAMAGE TO THE AMPLIFIER. WE STRONGLY URGE YOU TO MAKE SURE ANOTHER TUBE SUPPLIER GETTERS AND TESTS THE TUBES HE SELLS AND GUARANTEES THOSE TUBES."

I guess that pretty much sums it up. We have great amps, but tube replacement is going to be costly, if available at all, in a few years.

73/DX Paul VE1DX

2261. GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 15:56:23 UTC
From: N2TK
Topic: 2261 Message: 2261

Well, I tried to buy a pair from QRO-parts. Because they are selling the tubes "as-is" with no warranty they will not accept Paypal or a credit card like they do for other tubes. They will only accept a money order. Before I send off a money order, has anyone bought GU-74B tubes from QRO-parts? If so, any issues?
I see there are some tubes from the Ukraine available on eBay. I thought I remember some issues with the Ukraine tubes or was this just a bad rumor? Looks like they have the Svetlana emblem on them.

Any word on what Acom is doing for tubes these days? If this has been addressed recently, my apologies as I am way behind with email. Hope to catch up this week.

Tnx for any feedback.

73,
N2TK, Tony

[Non-text portions of this message have been removed]

2262. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 16:09:15 UTC
From: k2qmf@juno.com
Topic: 2239 Message: 2262

Hello All,

I am wondering if there is someone out there that can do the "Gettering
and testing"
of these tubes for for a reasonable fee???
It seems that most of us do not have the equipment to do it properly.

I have 4 GU74B spares for my 2000A. I will need to use them some day..

Thanks for any info.

73,
Ted K2QMF

On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...>
writes:
> At 11:00 AM 1/23/2008, Kees - pa7two wrote:
> >Hi OM Hal,
> >
> >I am not aware of a difference between Russian and Soviet GU74B
> >tubes? I have only seen the GU74B and the 4CX800a marks on the
> tubes.
> >GU74B marking on the old Svetlana brand with a dull looking tube;
> >and 4CX800a on the SED (current brand) tubes (Svetlana Electronic
> >Devices) which are nice & shiny like the EIMACs .
> >I am told that the new tubes are still produced by SED, but only
> for
> >militairy purposes.
> >
> >Vy 73, de Kees
>
>
> I did a bit of detective work (Internet searching) and found
> the
> following:
>
> "Svetlana tubes were originally manufactured by a company called
> Svetlana Electronic Devices. At some point, New Sensor Corp (who
> owns
> Sovtek) bought the rights to the name "Svetlana". Tubes made now
> that
> are marked as "Svetlana" tubes are made by Sovtek. However, the
> original company is still making the same high quality tubes they
> always had been. They are now being labelled "SED" (Svetlana
> Electronic Devices)."

>
> I then found New Sensor Corp's web site:
>
> http://www.newsensor.com/
>
> They have a New York address and list Svetlana as one of the
> product lines they carry, however, under their Svetlana listing,
> there is no reference to a 4CX800A.
>
> If you search on Sovtek, you get a lot of hits of resellers who
>
> offer many audio (glass) amplifier tubes, but never a reference to a
>
> 4CX800A of any other metal/ceramic tube. Sovtek's web site in
> Russia
> talks about restructuring and real estate:
>
> http://www.sovtek.ru/gruppa_e.html
>
> I don't know if anyone makes NEW 4CX800A anymore. It's
> possible
> you are correct that some are made for military purposes, but I
> can't
> find any reference to it.
>
> About a year ago a talked to RF Parts. They were offering
> etlana" 4CX800A tubes for around $350. The person I spoke with
> said they has a source in Russia, and that these tubes were (a) not
>
> new and (b) they (RF Parts) had no way to test them but that they
> would refund faulty ones on a "case by case basis" if it was obvious
>
> they were faulty when received. He also said they were getting
> harder and harder to get (the NOS Svetlana ones they were
> selling.) He described them as looking shiny like EIMAC tubes and
> not having the dull look of the GU74Bs. His advice to me was
> "better
> get one or two now because I don't know what they will cost in a
> year
> or two, or even if we will be able to get them."
>
> So . . . over the past year I have acquired 4 NOS tubes. 2
> Svetlana 4CX800As and 2 "in a sealed box" GU74B tubes. They were
> not
> cheap and they didn't come from eBay. Both sources have none left
> and I am *not* selling mine. I presume they will work when I need
> them. If not, I don't know where I would look. This still leaves
> owners of ACOM, Alpha and HF-2500DX linears in a bit of a bind.
>
> QRO says on their web site: "F YOU USE TUBES OTHER THAN THE

> ONES DELIVERED WITH YOUR AMPLIFIER, QRO TECHNOLOGIES IS NOT
> RESPONSIBLE FOR ANY DAMAGE CAUSED BY THOSE TUBES. YOUR WARRANTY WILL
>
> BE VOID AS IT RELATES TO ANY DAMAGE CAUSED BY THOSE TUBES. YOU WILL
>
> BE RESPONSIBLE FOR THE REPAIR COSTS AND RETURN SHIPPING.
>
> THE 4CX800A (GU74b) TUBE MUST BE PROPERLY GETTERED (DEGASSED) AND
> TESTED BEFORE USE. THE TUBES SUPPLIED WITH OUR AMPLIFIER HAVE BEEN
> GETTERED AND TESTED. TUBES SUPPLIED BY OTHER VENDORS HAVE NOT BEEN
> PROPERLY GETTERED AND TESTED. THESE TUBES HAVE A STRONG TENDENCY TO
>
> ARC CAUSING DAMAGE TO THE AMPLIFIER. WE STRONGLY URGE YOU TO MAKE
> SURE ANOTHER TUBE SUPPLIER GETTERS AND TESTS THE TUBES HE SELLS AND
>
> GUARANTEES THOSE TUBES."
>
> I guess that pretty much sums it up. We have great amps, but
> tube replacement is going to be costly, if available at all, in a
> few years.
>
> 73/DX Paul VE1DX
>
>
>
> Yahoo! Groups Links
>
>
>
>
>

2263. A "getter-er and a tester"?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 18:04:55 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2263

At 12:09 PM 1/23/2008, you wrote:
>Hello All,
>
>I am wondering if there is someone out there that can do the "Gettering
>and testing"
>of these tubes for for a reasonable fee???
>It seems that most of us do not have the equipment to do it properly.
>
>I have 4 GU74B spares for my 2000A. I will need to use them some day..
>
>Thanks for any info.
>
>73,
>Ted K2QMF

A good idea Ted. I'm sure there are a few here (or elsewhere)
who have the equipment and expertise to do it. The only downside is,
what if your send them your tube and it goes BANG when they flash it
up? Who's fault was it? Was it shot to begin with? Did it get
damaged in transit? Or did they make a mistake? If I had the
equipment and expertise to do it properly, I'd do my own, and maybe
that of someone I knew very well for free. As soon as you take money
and a tube from someone else that is just a call sign, you are
accepting responsibility for the tube.

I think that's why we haven't been getting a lot of sympathy
here because those who have the gear and knowledge of how to do this
are not going to speak up. As soon as they do, they will get a dozen
emails asking "can you do mine?"

Maybe a better idea would be to pay ACOM (Will and/or Krassy) to
do it. Maybe if we send them our tube(s) and $50-100 they will
condition them for us. That would be better than sending the whole
amp back. I *know* I can change the tube in an hour or less if it's
a good one. They (ACOM USA) must have the capability to get the tube
ready, because the manual says we shouldn't be changing them
ourselves to begin with.

73/DX Paul VE1DX

2264. Re: [acom-list] A "getter-er and a tester"?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-23 19:59:02 UTC
From: Barry N1EU
Topic: 2239 Message: 2264

On Jan 23, 2008 6:04 PM, Paul M Dunphy <amplifier@...> wrote:
>
> Maybe a better idea would be to pay ACOM (Will and/or Krassy) to
> do it. Maybe if we send them our tube(s) and $50-100 they will
> condition them for us.

I don't see Acom having any interest in doing this. Their interest should be in selling you fully tested tubes. They normally do this, but I checked recently and they were out of stock with no idea when they would have more tubes.

With the tubes unavailable from Acom, my approach is to buy the tubes and warm them up myself in the amp, per Hal's recent post.

73,
Barry N1EU

2265. AW: [acom-list] GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 08:27:14 UTC
From: Herrmann, Thomas
Topic: 2265 Message: 2265

Yes, I got two (unpaired) GU-74B from QRO-Parts and kept the community informed about.
Payment went easy via "Moneybookers.com" and response from both of them, QRO-parts and Moneybookers was just in time.
Ok, I have the tubes as spare parts, so no info about gettering, arcs, ... yet.

73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im Auftrag von N2TK
Gesendet: Mittwoch, 23. Januar 2008 16:56
An: acom-list@yahoogroups.com
Betreff: [acom-list] GU-74B tubes

Well, I tried to buy a pair from QRO-parts. Because they are selling the tubes "as-is" with no warranty they will not accept Paypal or a credit card like they do for other tubes. They will only accept a money order. Before I send off a money order, has anyone bought GU-74B tubes from QRO-parts? If so, any issues?
I see there are some tubes from the Ukraine available on eBay. I thought I remember some issues with the Ukraine tubes or was this just a bad rumor? Looks like they have the Svetlana emblem on them.

Any word on what Acom is doing for tubes these days? If this has been addressed recently, my apologies as I am way behind with email. Hope to catch up this week.

Tnx for any feedback.

73,
N2TK, Tony

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2266. Re: AW: [acom-list] GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 14:46:15 UTC
From: Paul M Dunphy
Topic: 2265 Message: 2266

At 04:27 AM 1/24/2008, you wrote:
>Yes, I got two (unpaired) GU-74B from QRO-Parts and kept the
>community informed about.
>Payment went easy via "Moneybookers.com" and response from both of
>them, QRO-parts and Moneybookers was just in time.
>Ok, I have the tubes as spare parts, so no info about gettering,
>arcs, ... yet.
>
>73 de Thomas, DL1AMQ

I can't find any GU-74B tubes listed on their web site:

http://qro-parts.com/

Lots of other NOS tubes, including many from Svetlana, but no
GU-74Bs are listed. The closest they have is a tube socket for one . . .

Seems like the supply has dried up. Too bad, because ACOM and
other manufacturers have made this tube the workhorse of their
flagship amps. Hopefully the demand will increase to the point where
someone will start making NEW 4CX800As again. I guess the lack of
NOS tubes means gettering and degassing them won't be a problem anymore.

73/DX Paul VE1DX

2267. Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 14:48:24 UTC
From: John K Gotwals
Topic: 2265 Message: 2267

On 5-Dec-08 I ordered (and paid via PayPal) a 4CX800a/GU-74B/GU74B Svetlana Tetrode NOS. Despite a follow-up email, I have no indication when the tube will be shipped.

John, N9JG
--- In acom-list@yahoogroups.com, "Herrmann, Thomas" <Thomas.Herrmann@...> wrote:
>
> Yes, I got two (unpaired) GU-74B from QRO-Parts and kept the community informed about.
> Payment went easy via "Moneybookers.com" and response from both of them, QRO-parts and Moneybookers was just in time.
> Ok, I have the tubes as spare parts, so no info about gettering, arcs, ... yet.
>
> 73 de Thomas, DL1AMQ
[snip]

2268. Re:GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 14:54:48 UTC
From: Hal Kennedy
Topic: 2261 Message: 2268

What I'm told about tubes from the Ukraine is they are mostly pulls from scrapped Soviet era gear. As such, they are used, not NOS, and of unknown quality. Best I can tell, the GU-74Bs NOS tubes that come from the St. Petersburg area are in fact, at least for the most part, out of warehouses that the Soviets filled in the 1980s and early 1990s. You remember the Soviet system of production..make ten years worth of toilet paper for a year, then shut down the line and make ten years worth of GU-74Bs for a year, then shut down the line and..etc. So, you wind up with warehouses full of GU-74Bs and no new production. It wasn't a very good system, hi, hi.

There is a real opportunity for Eimac or someone to pick this up and run with it, as the tube will become increasingly in demand. I think Ill call Eimac and try and peak their interest. Ill report back what I hear.

Hal N4GG

[Non-text portions of this message have been removed]

2269. Re: AW: [acom-list] GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 14:57:30 UTC
From: Brian Alsop
Topic: 2265 Message: 2269

Just wondering.
Are solid state amp "finals" going to be just a problematic a few years after the amp's sale?

Like buying tools or household mops. Buy a ton of replacements for expendable parts when you buy the tool. You'll never find them a year or so later
73 de Brian/K3KO

Paul M Dunphy wrote:

>At 04:27 AM 1/24/2008, you wrote:
>
>
>>Yes, I got two (unpaired) GU-74B from QRO-Parts and kept the
>>community informed about.
>>Payment went easy via "Moneybookers.com" and response from both of
>>them, QRO-parts and Moneybookers was just in time.
>>Ok, I have the tubes as spare parts, so no info about gettering,
>>arcs, ... yet.
>>
>>73 de Thomas, DL1AMQ
>>
>>
>
> I can't find any GU-74B tubes listed on their web site:
>
>http://qro-parts.com/
>
> Lots of other NOS tubes, including many from Svetlana, but no
>GU-74Bs are listed. The closest they have is a tube socket for one . . .
>
> Seems like the supply has dried up. Too bad, because ACOM and
>other manufacturers have made this tube the workhorse of their
>flagship amps. Hopefully the demand will increase to the point where
>someone will start making NEW 4CX800As again. I guess the lack of
>NOS tubes means gettering and degassing them won't be a problem anymore.
>
>73/DX Paul VE1DX
>
>
>

2270. RE: [acom-list] Re:GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-24 15:05:53 UTC
From: Kees - pa7two
Topic: 2261 Message: 2270

Hi Hal,

At least a very cost effective production method for sure :-). Still on eBay many GU74B tubes are put on for sale, so buy some if one can afford one.

BTW: To me, if a tube is a pulled tube from ex millitair equipment, and this equipment was not or barely not used, the tube was heated during test cycles and not more. I would name that a perfect tube as a spare?

Vy 73, de Kees

To: acom-list@yahoogroups.com
From: halken@...
Date: Thu, 24 Jan 2008 09:54:48 -0500
Subject: [acom-list] Re:GU-74B tubes

What I'm told about tubes from the Ukraine is they are mostly pulls from

scrapped Soviet era gear. As such, they are used, not NOS, and of

unknown quality. Best I can tell, the GU-74Bs NOS tubes that come from

the St. Petersburg area are in fact, at least for the most part, out of

warehouses that the Soviets filled in the 1980s and early 1990s. You

remember the Soviet system of production..make ten years worth of toilet

paper for a year, then shut down the line and make ten years worth of

GU-74Bs for a year, then shut down the line and..etc. So, you wind up

with warehouses full of GU-74Bs and no new production. It wasn't a very

good system, hi, hi.

There is a real opportunity for Eimac or someone to pick this up and run

with it, as the tube will become increasingly in demand. I think Ill

call Eimac and try and peak their interest. Ill report back what I

hear.

Hal N4GG

[Non-text portions of this message have been removed]

Climb to the top of the charts! Play the word scramble challenge with star power.

http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

2271. Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 16:19:24 UTC
From: Graham
Topic: 2261 Message: 2271

Hi all

I did a quick search on ebay today and no less than '11' GU-74B's were
being offered
for sale some 'NOS' others 'used tested' one seller was also offering a
'matched pair' .
So maybe the availability is not as bad as some may have believed.

73's Graham G8HVY

2272. Re: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 16:28:58 UTC
From: Brian Alsop
Topic: 2261 Message: 2272

Graham wrote:

>Hi all
>
>I did a quick search on ebay today and no less than '11' GU-74B's were
>being offered
>for sale some 'NOS' others 'used tested' one seller was also offering a
>'matched pair' .
>So maybe the availability is not as bad as some may have believed.
>
>73's Graham G8HVY
>
>
>
Does that mean there are 11 left in the world? I would feel more
comfortable with 100's or 1000's.

This thread kind of reminds me of the "toilet paper shortage crisis" of
years ago. Some late night talk show host put out the rumor that there
was going to be a shortage. The next day throngs of old ladies filled
up their shopping carts with hundreds of rolls of toilet paper and
precipitated a shortage.

73 de Brian/K3KO

2273. Re: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 16:40:20 UTC
From: Bill NY9H
Topic: 2261 Message: 2273

>Does that mean there are 11 left in the world? I would feel more
>comfortable with 100's or 1000's.

hard to believe a thousand amp owners sucked dry the soviet
chest of surplus,,,,,(if there ever was such a stockpile)

bill

2274. RE: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 16:58:43 UTC
From: bmarton
Topic: 2261 Message: 2274

I was going to add that this reminds me of the sweep tube shortage for Drakes a few years ago and the 811A shortage for the 30L1.. Gee, I never had a problem finding any. In fact I have so many spares kicking around (since I fell for it too) that it's almost ridiculous. Including a large box of NOS JAN 811A's I got for free since they were going to the dump.

This stuff is all around.

Bruce K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Brian Alsop
Sent: Friday, January 25, 2008 11:29 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: GU-74B tubes

Graham wrote:

>Hi all
>
>I did a quick search on ebay today and no less than '11' GU-74B's were
>being offered
>for sale some 'NOS' others 'used tested' one seller was also offering a
>'matched pair' .
>So maybe the availability is not as bad as some may have believed.
>
>73's Graham G8HVY
>
>
>
Does that mean there are 11 left in the world? I would feel more comfortable with 100's or 1000's.

This thread kind of reminds me of the "toilet paper shortage crisis" of years ago. Some late night talk show host put out the rumor that there was going to be a shortage. The next day throngs of old ladies filled up their shopping carts with hundreds of rolls of toilet paper and precipitated a shortage.

73 de Brian/K3KO

_____ NOD32 2822 (20080125) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

2275. Re: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 17:27:07 UTC
From: Barry N1EU
Topic: 2261 Message: 2275

On Jan 25, 2008 11:58 AM, bmarton <bmarton@...> wrote:
> This stuff is all around.

Yes, but definitely NOT in the USA.

73,
Barry N1EU

2276. RE: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 17:45:09 UTC
From: Kees - pa7two
Topic: 2261 Message: 2276

Not even in Europe.Vy 73, de Kees pa7two - m5two

To: acom-list@yahoogroups.comFrom: barry.n1eu@...: Fri, 25 Jan 2008 12:27:07 -0500Subject: Re: [acom-list] Re: GU-74B tubes

On Jan 25, 2008 11:58 AM, bmarton <bmarton@...> wrote:> This stuff is all around.Yes, but definitely NOT in the USA.73,Barry N1EU

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2277. RE: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 18:10:02 UTC
From: Kees - pa7two
Topic: 2261 Message: 2277

Check out what I read in the just released User_Manual of the Alpin 100 MKII amplifier:

Before assembling the new tube it must be ?conditioned?.

Connect Pin 3 and Pin 7 to a power supply with 12V DC and adjustable current limiter.

Supply each of the following currents for 3 minutes:

0,5 A / 1 A / 2 A / 3 A / max current ca. 4 A .

The procedure should be finished after 15 minutes to prevent heat problemsVy 73, de Kees - pa7two - m5two

To: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 25 Jan 2008 17:45:09 +0000Subject: RE: [acom-list] Re: GU-74B tubes

Not even in Europe.Vy 73, de Kees pa7two - m5twoTo: acom-list@yahoogroups.comFrom: barry.n1eu@...: Fri, 25 Jan 2008 12:27:07 -0500Subject: Re: [acom-list] Re: GU-74B tubesOn Jan 25, 2008 11:58 AM, bmarton <bmarton@maine.rr.com> wrote:> This stuff is all around.Yes, but definitely NOT in the USA.73,Barry N1EU
_____Connect and share in new ways with Windows
Live.http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008[Non-text portions of this message have been removed]

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2278. unable to unsubscribe what am I doing incorrectly?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 18:26:29 UTC
From: Peter Naumburg
Topic: 2261 Message: 2278

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.19.11/1243 - Release Date: 1/25/2008
11:24 AM

2279. Re: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 18:49:11 UTC
From: Paul M Dunphy
Topic: 2261 Message: 2279

At 01:27 PM 1/25/2008, Barry N1EU wrote:
>On Jan 25, 2008 11:58 AM, bmarton <bmarton@...> wrote:
> > This stuff is all around.
>
>Yes, but definitely NOT in the USA.
>
>73,
>Barry N1EU

I agree and this is not a case of fear mongering or starting rumours to get everyone worried. Someone used the analogy of 811As. Where do you get 811As today? From RF Parts, who get *all* of them from China, and they have a half-life of a month, at least in an AL-811H. I know because I went through a dozen or more before I re-tubed it with 572Bs (also Chinese clones, but with a longer half life if used at 1700 volts than 2500-2600 volts.) There are *no* glass transmitting tubes made in NA anymore, be they 811As, 572Bs, 3-500Zs or whatever.

There are two issues here regarding 4CX800As/GU74B tubes:

(1) NOS tubes are hard to find (go ahead and buy them from some anonymous person on eBay -- a great place to get replacement parts for electronic equipment when the vendors and manufactures won't sell you any.)

(2) When you get one, figure out how to condition it or just plug it in and take your chances. If, as someone said, there are plenty out there, and it isn't possible that 1000 amplifiers sucked dry the entire inventory of the former Soviet Union, then tell us where they are (other than eBay.)

I joined this conversation a week ago because I believe ACOM 1000 and ACOM 2000 amplifiers to be the absolute best in their respective power classes. I see a long term problem if we can't get replacement tubes, or if those that we do get require an Electrical Engineer to condition them before use. I'm not trying to start an argument . . . before I bought my amp, I obtained 4 NOS tubes. It really doesn't make a lot of difference to me if they are no longer available. I would like to be assured I can put them on into my amp without damaging it, but that is not the case.

If I were going to buy a new amp based on a 4CX800As/GU74B tube today, and I was told "there are 11 spares on eBay, and in 1990 the former Soviet Union had tons of them, but we don't know where there are now", I'd probably get something based on a 8877.

I think this is something ACOM, QRO, Alpha, Emtron, etc. need to address if they want to keep selling amps. All of our speculation here isn't going to solve much.

73/DX Paul VE1DX

2280. RE: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 21:55:41 UTC
From: N2TK
Topic: 2261 Message: 2280

I would think this would have to be done in a socket with air flow.
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kees - pa7two
Sent: Friday, January 25, 2008 1:10 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: GU-74B tubes

Check out what I read in the just released User_Manual of the Alpin 100 MKII amplifier:

Before assembling the new tube it must be "conditioned".

Connect Pin 3 and Pin 7 to a power supply with 12V DC and adjustable current limiter.

Supply each of the following currents for 3 minutes:

0,5 A / 1 A / 2 A / 3 A / max current ca. 4 A .

The procedure should be finished after 15 minutes to prevent heat problemsVy 73, de Kees - pa7two - m5two

To: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 25 Jan 2008 17:45:09 +0000Subject: RE: [acom-list] Re: GU-74B tubes

Not even in Europe.Vy 73, de Kees pa7two - m5twoTo: acom-list@yahoogroups.comFrom: barry.n1eu@...: Fri, 25 Jan 2008 12:27:07 -0500Subject: Re: [acom-list] Re: GU-74B tubesOn Jan 25, 2008 11:58 AM, bmarton <bmarton@...> wrote:> This stuff is all around.Yes, but definitely NOT in the USA.73,Barry N1EU
_____Connect and share in new ways with Windows Live.http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008[Non-text portions of this message have been removed]

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2281. RE: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 21:56:41 UTC
From: N2TK
Topic: 2261 Message: 2281

Well, I just bought a pair of tubes on eBay from the Ukraine. Hope they work.
73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Graham
Sent: Friday, January 25, 2008 11:19 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: GU-74B tubes

Hi all

I did a quick search on ebay today and no less than '11' GU-74B's were being offered
for sale some 'NOS' others 'used tested' one seller was also offering a 'matched pair' .
So maybe the availability is not as bad as some may have believed.

73's Graham G8HVY

[Non-text portions of this message have been removed]

2282. Re: [acom-list] Re: GU-74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-25 22:07:25 UTC
From: Barry
Topic: 2261 Message: 2282

First things first - hope they arrive!
GL,
Barry

N2TK wrote:
>
> Well, I just bought a pair of tubes on eBay from the Ukraine. Hope they
> work.
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of Graham
> Sent: Friday, January 25, 2008 11:19 AM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: [acom-list] Re: GU-74B tubes
>
> Hi all
>
> I did a quick search on ebay today and no less than '11' GU-74B's were
> being offered
> for sale some 'NOS' others 'used tested' one seller was also offering a
> 'matched pair' .
> So maybe the availability is not as bad as some may have believed.
>
> 73's Graham G8HVY
>
> [Non-text portions of this message have been removed]
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.19.11/1243 - Release Date: 1/25/2008 11:24 AM
>

--

Barry Kutner, W2UP Newtown, PA

2283. Question about optional cooling fan

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-26 01:50:41 UTC
From: kamarty456
Topic: 2283 Message: 2283

I know the dimension of the fan is 119mm x 119mm -or- about 4 11/16 square.
I plan do get a 24v fan with a bearing not a bushing.

I do not know though, what the best number of blades to get 5 or 7?
I do not know what CFM is suggested I see the fans as low as 35CFM and as high as 105CFM
I also do not know what noise [in db] level most have. I also see fans from 25db to 50db. I know the quietest is the best! I also know noise and airflow go hand in hand! So what is the best recommendation?

Does anyone have a "factory" installed optional fan that can share the specs they use?
And, can those using after market fans please reply with their specs and opinions. In other words if you had an option of what to select what would you have picked?

Thanks,

Marty, ka7gkn

2284. KA7GKN

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-26 12:20:35 UTC
From: Barry
Topic: 2284 Message: 2284

Marty,
I sent you an email last night, but it bounced. Pse give me a valid address to conact you.
Tnx,
Barry W2UP

--

Barry Kutner, W2UP Newtown, PA

2285. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 20:34:22 UTC
From: k2qmf@juno.com
Topic: 2239 Message: 2285

Hello All,

Take a look at this website. I can't seem to find much more info.
Maybe someone else will have better luck...

http://www.sed-usa.com/index.asp?strType=Content&strPage=4CX800A

73,
Ted K2QMF

On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...>
writes:
> At 11:00 AM 1/23/2008, Kees - pa7two wrote:
> >Hi OM Hal,
> >
> >I am not aware of a difference between Russian and Soviet GU74B
> >tubes? I have only seen the GU74B and the 4CX800a marks on the
> tubes.
> >GU74B marking on the old Svetlana brand with a dull looking tube;
> >and 4CX800a on the SED (current brand) tubes (Svetlana Electronic
> >Devices) which are nice & shiny like the EIMACs .
> >I am told that the new tubes are still produced by SED, but only
> for
> >militairy purposes.
> >
> >Vy 73, de Kees
>
>
> I did a bit of detective work (Internet searching) and found
> the
> following:
>
> "Svetlana tubes were originally manufactured by a company called
> Svetlana Electronic Devices. At some point, New Sensor Corp (who
> owns
> Sovtek) bought the rights to the name "Svetlana". Tubes made now
> that
> are marked as "Svetlana" tubes are made by Sovtek. However, the
> original company is still making the same high quality tubes they
> always had been. They are now being labelled "SED" (Svetlana
> Electronic Devices)."
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> I then found New Sensor Corp's web site:
>
> http://www.newsensor.com/

>
> They have a New York address and list Svetlana as one of the
> product lines they carry, however, under their Svetlana listing,
> there is no reference to a 4CX800A.
>
> If you search on Sovtek, you get a lot of hits of resellers who
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> offer many audio (glass) amplifier tubes, but never a reference to a
>
> 4CX800A of any other metal/ceramic tube. Sovtek's web site in
> Russia
> talks about restructuring and real estate:
>
> http://www.sovtek.ru/gruppa_e.html
>
> I don't know if anyone makes NEW 4CX800A anymore. It's
> possible
> you are correct that some are made for military purposes, but I
> can't
> find any reference to it.
>
> About a year ago a talked to RF Parts. They were offering
> etlana" 4CX800A tubes for around $350. The person I spoke with
> said they has a source in Russia, and that these tubes were (a) not
>
> new and (b) they (RF Parts) had no way to test them but that they
> would refund faulty ones on a "case by case basis" if it was obvious
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> they were faulty when received. He also said they were getting
> harder and harder to get (the NOS Svetlana ones they were
> selling.) He described them as looking shiny like EIMAC tubes and
> not having the dull look of the GU74Bs. His advice to me was
> "better
> get one or two now because I don't know what they will cost in a
> year
> or two, or even if we will be able to get them."
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> So . . . over the past year I have acquired 4 NOS tubes. 2
> Svetlana 4CX800As and 2 "in a sealed box" GU74B tubes. They were
> not
> cheap and they didn't come from eBay. Both sources have none left
> and I am *not* selling mine. I presume they will work when I need
> them. If not, I don't know where I would look. This still leaves
> owners of ACOM, Alpha and HF-2500DX linears in a bit of a bind.
>
> QRO says on their web site: "F YOU USE TUBES OTHER THAN THE
> ONES DELIVERED WITH YOUR AMPLIFIER, QRO TECHNOLOGIES IS NOT
> RESPONSIBLE FOR ANY DAMAGE CAUSED BY THOSE TUBES. YOUR WARRANTY WILL
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> BE VOID AS IT RELATES TO ANY DAMAGE CAUSED BY THOSE TUBES. YOU WILL

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> BE RESPONSIBLE FOR THE REPAIR COSTS AND RETURN SHIPPING.
>
> THE 4CX800A (GU74b) TUBE MUST BE PROPERLY GETTERED (DEGASSED) AND
> TESTED BEFORE USE. THE TUBES SUPPLIED WITH OUR AMPLIFIER HAVE BEEN
> GETTERED AND TESTED. TUBES SUPPLIED BY OTHER VENDORS HAVE NOT BEEN
> PROPERLY GETTERED AND TESTED. THESE TUBES HAVE A STRONG TENDENCY TO
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> ARC CAUSING DAMAGE TO THE AMPLIFIER. WE STRONGLY URGE YOU TO MAKE
> SURE ANOTHER TUBE SUPPLIER GETTERS AND TESTS THE TUBES HE SELLS AND
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> I guess that pretty much sums it up. We have great amps, but
> tube replacement is going to be costly, if available at all, in a
> few years.
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> 73/DX Paul VE1DX
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> Yahoo! Groups Links
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2286. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 20:44:18 UTC
From: Kelly Johnson
Topic: 2239 Message: 2286

Has anyone asked ACOM or QRO? If these tubes are that hard to find then you
would think that ACOM and QRO would know.

On 1/27/08, k2qmf@... <k2qmf@...> wrote:
>
>
> Hello All,
>
> Take a look at this website. I can't seem to find much more info.
> Maybe someone else will have better luck...
>
> http://www.sed-usa.com/index.asp?strType=Content&strPage=4CX800A
>
> 73,
> Ted K2QMF
>
> On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...<amplifier%40ve1dx.net>
> >
> writes:
> > At 11:00 AM 1/23/2008, Kees - pa7two wrote:
> > >Hi OM Hal,
> > >
> > >I am not aware of a difference between Russian and Soviet GU74B
> > >tubes? I have only seen the GU74B and the 4CX800a marks on the
> > tubes.
> > >GU74B marking on the old Svetlana brand with a dull looking tube;
> > >and 4CX800a on the SED (current brand) tubes (Svetlana Electronic
> > >Devices) which are nice & shiny like the EIMACs .
> > >I am told that the new tubes are still produced by SED, but only
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> > >militairy purposes.
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> > >Vy 73, de Kees
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> > I did a bit of detective work (Internet searching) and found
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> > following:
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> > Svetlana Electronic Devices. At some point, New Sensor Corp (who
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> > offer many audio (glass) amplifier tubes, but never a reference to a
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> > you are correct that some are made for military purposes, but I
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> > they were faulty when received. He also said they were getting
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> > selling.) He described them as looking shiny like EIMAC tubes and
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[Non-text portions of this message have been removed]

2287. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 20:53:59 UTC
From: Barry N1EU
Topic: 2239 Message: 2287

my brief mid-contest reply is that both of them ain't got any

On Jan 27, 2008 8:44 PM, Kelly Johnson <n6kj.kelly@...> wrote:
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> [Non-text portions of this message have been removed]
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>

2288. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 22:09:12 UTC
From: Fernando González
Topic: 2239 Message: 2288

Hello,
This is what I got from Acom Europe just a few days ago:

Hi Fernando,

It's a pity that we have GU74B in stock for warranty replacement only and cannot sell as spare ones.
I'm not aware where you could buy from but certainly vendors could be found on the Internet.

Thank you for your so favorable comments on the ACOM 2000A and trust you will enjoy its flawless operation for many more years to come.

Best regards,
Lydia

73s!
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Barry N1EU
To: acom-list@yahoogroups.com
Sent: Sunday, January 27, 2008 9:53 PM
Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

my brief mid-contest reply is that both of them ain't got any

On Jan 27, 2008 8:44 PM, Kelly Johnson <n6kj.kelly@...> wrote:
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> > > ARC CAUSING DAMAGE TO THE AMPLIFIER. WE STRONGLY URGE YOU TO MAKE
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> > > 73/DX Paul VE1DX
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> [Non-text portions of this message have been removed]
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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.19.12/1245 - Release Date: 26/01/2008 15:45

[Non-text portions of this message have been removed]

2289. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 22:23:03 UTC
From: John Peters
Topic: 2239 Message: 2289

Since RF Parts is listed as a stocking distributer by the mfr I don't know why anyone thinks there is a problem. They have been reliable and around for many years. I've bought finals from them for decades. 4CX1000A, 3CX800A7, etc. They provide fast service and reliable tubes.

John K1ER
----- Original Message -----
From: k2qmf@...
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Sent: Sunday, January 27, 2008 10:34 AM
Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Hello All,

Take a look at this website. I can't seem to find much more info.
Maybe someone else will have better luck...

http://www.sed-usa.com/index.asp?strType=Content&strPage=4CX800A

73,
Ted K2QMF

On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...>
writes:
> At 11:00 AM 1/23/2008, Kees - pa7two wrote:
> >Hi OM Hal,
> >
> >I am not aware of a difference between Russian and Soviet GU74B
> >tubes? I have only seen the GU74B and the 4CX800a marks on the
> tubes.
> >GU74B marking on the old Svetlana brand with a dull looking tube;
> >and 4CX800a on the SED (current brand) tubes (Svetlana Electronic
> >Devices) which are nice & shiny like the EIMACs .
> >I am told that the new tubes are still produced by SED, but only
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> >militairy purposes.
> >
> >Vy 73, de Kees
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>
> I did a bit of detective work (Internet searching) and found
> the
> following:
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> "Svetlana tubes were originally manufactured by a company called
> Svetlana Electronic Devices. At some point, New Sensor Corp (who
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> Sovtek) bought the rights to the name "Svetlana". Tubes made now
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> are marked as "Svetlana" tubes are made by Sovtek. However, the
> original company is still making the same high quality tubes they
> always had been. They are now being labelled "SED" (Svetlana
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> I then found New Sensor Corp's web site:
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> http://www.newsensor.com/
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> They have a New York address and list Svetlana as one of the
> product lines they carry, however, under their Svetlana listing,
> there is no reference to a 4CX800A.
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> If you search on Sovtek, you get a lot of hits of resellers who
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> offer many audio (glass) amplifier tubes, but never a reference to a
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> 4CX800A of any other metal/ceramic tube. Sovtek's web site in
> Russia
> talks about restructuring and real estate:
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> http://www.sovtek.ru/gruppa_e.html
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> I don't know if anyone makes NEW 4CX800A anymore. It's
> possible
> you are correct that some are made for military purposes, but I
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> find any reference to it.
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> About a year ago a talked to RF Parts. They were offering
> etlana" 4CX800A tubes for around $350. The person I spoke with
> said they has a source in Russia, and that these tubes were (a) not
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> new and (b) they (RF Parts) had no way to test them but that they
> would refund faulty ones on a "case by case basis" if it was obvious
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> harder and harder to get (the NOS Svetlana ones they were
> selling.) He described them as looking shiny like EIMAC tubes and
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> So . . . over the past year I have acquired 4 NOS tubes. 2
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2290. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-27 22:48:45 UTC
From: Kelly Johnson
Topic: 2239 Message: 2290

I don't see the 4CX800A listed on the RF Parts website.

On 1/27/08, John Peters <petersj007@...> wrote:
>
> Since RF Parts is listed as a stocking distributer by the mfr I don't
> know why anyone thinks there is a problem. They have been reliable and
> around for many years. I've bought finals from them for decades. 4CX1000A,
> 3CX800A7, etc. They provide fast service and reliable tubes.
>
> John K1ER
> ----- Original Message -----
> From: k2qmf@... <k2qmf%40juno.com>
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Cc: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Sent: Sunday, January 27, 2008 10:34 AM
> Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available
> anywhere
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> Hello All,
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> Take a look at this website. I can't seem to find much more info.
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> 73,
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> On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...<amplifier%40ve1dx.net>
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2291. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 00:18:29 UTC
From: John Peters
Topic: 2239 Message: 2291

http://www.rfparts.com/tubesvet.html

Look here. They say they are the Svetlana distributer with a full line of tubes. BUT!!! for the 4CX800A price they say "CALL".

Their search engine finds very LITTLE.

73 John K1ER
----- Original Message -----
From: Kelly Johnson
To: acom-list@yahoogroups.com
Sent: Sunday, January 27, 2008 12:48 PM
Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

I don't see the 4CX800A listed on the RF Parts website.

On 1/27/08, John Peters <petersj007@...> wrote:
>
> Since RF Parts is listed as a stocking distributer by the mfr I don't
> know why anyone thinks there is a problem. They have been reliable and
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> 3CX800A7, etc. They provide fast service and reliable tubes.
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> John K1ER
> ----- Original Message -----
> From: k2qmf@... <k2qmf%40juno.com>
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Cc: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Sent: Sunday, January 27, 2008 10:34 AM
> Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available
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> Take a look at this website. I can't seem to find much more info.
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> 73,
> Ted K2QMF
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> On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy <amplifier@...<amplifier%40ve1dx.net>
> >
> writes:

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2292. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 02:18:42 UTC
From: Kelly Johnson
Topic: 2239 Message: 2292

It's hard to believe they are that hard to find. It would really hurt QRO, Alpha, and Acom who all depend on them. The Tokyo Hi Power solid state amps look better all the time :-)

On 1/27/08, John Peters <petersj007@...> wrote:
>
> http://www.rfparts.com/tubesvet.html
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> Look here. They say they are the Svetlana distributer with a full line of
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> ----- Original Message -----
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> Sent: Sunday, January 27, 2008 12:48 PM
> Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available
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> > > THE 4CX800A (GU74b) TUBE MUST BE PROPERLY GETTERED (DEGASSED) AND
> > > TESTED BEFORE USE. THE TUBES SUPPLIED WITH OUR AMPLIFIER HAVE BEEN
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> > > ARC CAUSING DAMAGE TO THE AMPLIFIER. WE STRONGLY URGE YOU TO MAKE
> > > SURE ANOTHER TUBE SUPPLIER GETTERS AND TESTS THE TUBES HE SELLS AND
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> > > GUARANTEES THOSE TUBES."
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> > > I guess that pretty much sums it up. We have great amps, but
> > > tube replacement is going to be costly, if available at all, in a
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2293. Where did they all go?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 02:46:34 UTC
From: Paul M Dunphy
Topic: 2293 Message: 2293

At 10:18 PM 1/27/2008, you wrote:
>It's hard to believe they are that hard to find. It would really hurt QRO,
>Alpha, and Acom who all depend on them. The Tokyo Hi Power solid state amps
>look better all the time :-)

It *is* hard to believe the entire supply of NOS tubes has dried
up in a year, and that no one in the world is making any new
ones. However, as we all are discovering, if you eliminate eBay, you
can't buy a spare. I strongly doubt RF Parts have any in
stock. Maybe worth an email or a phone call next week to verify this.

I also find it hard to believe there is some sort of collusion
going on to drive the price up. Not that vendors wouldn't love to do
so, just that it would require co-operation world-wide. Something
isn't quite right here. I guess it will sort itself out sooner or later.

Maybe some creative entrepreneur with a lot of spare $$ bought
up every one he (they?) could find, and are quietly sitting on them
waiting until they can sell then for 5 times what they paid for
them. You forgot Emtron, so there are four companies with high end
amplifiers all depending on the availability of one brand of
tube. Something is fishy here! :-)

73, Paul VE!DX

2294. RE: [acom-list] Where did they all go?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 02:59:22 UTC
From: bmarton
Topic: 2293 Message: 2294

The best part of this thread is that the 12 guys from the Acom reflector who are hitting the panic button over 4CX800's which are 'drying up' and willing to hoard whatever they can from eBay, are most likely going to feel a little strange when the economy really hits the skids shortly and they find all sorts of supply on the market at very reasonable pricing.. I say relax, don't do it... just kick back and screw it.. the tubes are out there, so hold out until they are fair ;)

K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Sunday, January 27, 2008 9:47 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Where did they all go?

At 10:18 PM 1/27/2008, you wrote:
>It's hard to believe they are that hard to find. It would really hurt QRO,
>Alpha, and Acom who all depend on them. The Tokyo Hi Power solid state amps
>look better all the time :-)

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73, Paul VE!DX

_____ NOD32 2826 (20080127) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

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2295. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 12:38:09 UTC
From: Brian Alsop
Topic: 2239 Message: 2295

Until you have to replace their "finals". My opinion is that solid
state finals are easier to kill than tubes ever were..
Finding older high power FETs or whatever will also be a challenge.

The "conspiracy" part of my psyche says that this is all a
manufacturer's plot to get us to buy new amps.....
Naw they would never do that.

73 de Brian/K3KO

Kelly Johnson wrote:

>It's hard to believe they are that hard to find. It would really hurt QRO,
>Alpha, and Acom who all depend on them. The Tokyo Hi Power solid state amps
>look better all the time :-)
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>On 1/27/08, John Peters <petersj007@...> wrote:
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>> http://www.rfparts.com/tubesvet.html
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>>Look here. They say they are the Svetlana distributer with a full line of
>>tubes. BUT!!! for the 4CX800A price they say "CALL".
>>
>>Their search engine finds very LITTLE.
>>
>>73 John K1ER
>>----- Original Message -----
>>From: Kelly Johnson
>>To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
>>Sent: Sunday, January 27, 2008 12:48 PM
>>Subject: Re: [acom-list] I do not believe new 4CX800A tubes are available
>>anywhere
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>>I don't see the 4CX800A listed on the RF Parts website.
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>>On 1/27/08, John Peters <petersj007@...<petersj007%40hawaii.rr.com>>
>>wrote:
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>>>Since RF Parts is listed as a stocking distributer by the mfr I don't
>>>know why anyone thinks there is a problem. They have been reliable and
>>>around for many years. I've bought finals from them for decades.

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>>4CX1000A,
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>>>3CX800A7, etc. They provide fast service and reliable tubes.
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>>>John K1ER
>>>----- Original Message -----
>>>From: k2qmf@... <k2qmf%40juno.com> <k2qmf%40juno.com>
>>>To: acom-list@yahoogroups.com
<acom-list%40yahoogroups.com><acom-list%40yahoogroups.com>
>>>Cc: acom-list@yahoogroups.com
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>>>Take a look at this website. I can't seem to find much more info.
>>>Maybe someone else will have better luck...
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>>>http://www.sed-usa.com/index.asp?strType=Content&strPage=4CX800A
>>>
>>>73,
>>>Ted K2QMF
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>>>On Wed, 23 Jan 2008 11:55:18 -0400 Paul M Dunphy
<amplifier@...<amplifier%40ve1dx.net><amplifier%40ve1dx.net>
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>>>writes:
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>>>>At 11:00 AM 1/23/2008, Kees - pa7two wrote:
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>>>>>Hi OM Hal,
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>>>>>I am not aware of a difference between Russian and Soviet GU74B
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>>>>>GU74B marking on the old Svetlana brand with a dull looking tube;
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>>>>They have a New York address and list Svetlana as one of the
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>>>>I don't know if anyone makes NEW 4CX800A anymore. It's
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>>>>you are correct that some are made for military purposes, but I
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>>>>find any reference to it.
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>>>>About a year ago a talked to RF Parts. They were offering
>>>>etlana" 4CX800A tubes for around $350. The person I spoke with
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>>>>selling.) He described them as looking shiny like EIMAC tubes and
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2296. Re: [acom-list] I do not believe new 4CX800A tubes are available anywhere

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-28 15:43:19 UTC
From: Kelly Johnson
Topic: 2239 Message: 2296

You may be right. I've never owned one. My ACOM 1000 is the only amp I've ever owned.

I have a hard time believing that all of the amp manufacturers are conspiring. Besides, even if they were playing this game they would have to have an alternate design in place. Do any of them have an alternate except for th $10K Alpha? You won't see me buying one of those any time soon.

On 1/28/08, Brian Alsop <alsopb@...> wrote:
>
> Until you have to replace their "finals". My opinion is that solid
> state finals are easier to kill than tubes ever were..
> Finding older high power FETs or whatever will also be a challenge.
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> The "conspiracy" part of my psyche says that this is all a
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> >>----- Original Message -----

> >>From: Kelly Johnson
> >>To: acom-list@yahoogroups.com
<acom-list%40yahoogroups.com><acom-list%40yahoogroups.com>
> >>Sent: Sunday, January 27, 2008 12:48 PM
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2297. CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-29 02:44:56 UTC
From: Chris
Topic: 2239 Message: 2297

Argh! I can't take this anymore. Give me 5 quality minutes with Google.....

The 4CX800A's appear to be available for $434. See:
http://www.tube-shop.com/usa/prod_radio_detail.asp?ProductID=326&ProcessType=19

They even ship the next day!

The GU-74B (NOS) also appears to be available for $225:
http://www.tube-shop.com/usa/prod_radio_detail.asp?ProductID=561&ProcessType=19

I have no clue about this company, but here's what I gather:

Around 2003 PM Components Limited (UK) became the world-wide distributor for Svetlana. In the U.S.A. the distributor was suppose to be PM of America located in Memphis, but I could not find a real company by this name. Instead "Tube Shop" appears to be selling the tubes in the U.S. with the tubes still coming from the U.K. Due to litigation, Svetlana in the U.S. is called SED but it's still Svetlana.

Other rumors: The tube is also mfg by a Chinese company, (good luck there), but in 5 minutes I could not track it down.

Pentalabs also appears to sell the tube. They will only conduct business over the phone. http://www.pentalaboratories.com/ Don't know where they get the tube. China?

Alpha Radio Products lists the tube for $325 but out of stock. Don't know what that means. But They have the 8877 for $750 (way cheaper than RF Parts).
http://alpharadioproducts.com/merchant5/merchant.mvc?Screen=CTGY&Store_Code=AS&Category_Code=TU

Of course, you never really know for sure until you order a tube and drop it in the amp.

73
Chris, K9EQ

2298. Re: [acom-list] CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-29 03:19:59 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2298

At 10:44 PM 1/28/2008, you wrote:
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>know what that means. But They have the 8877 for $750 (way cheaper
>than RF Parts).
>http://alpharadioproducts.com/merchant5/merchant.mvc?Screen=CTGY&Store_Code=AS&Category_C
ode=TU
>
>Of course, you never really know for sure until you order a tube and
>drop it in the amp.
>
>73
>Chris, K9EQ

The UK site says "Sorry, Tube-Shop.Com are unable to sell
Svetlana Tubes to the United States of America." On the same site,
clicking "Buy" for either product gives the following error:

ADODB.Recordset error '800a0cc1'

Item cannot be found in the collection corresponding to the requested name or ordinal.

/usa/UCII_Cart.asp, line 244

Alpha says they have none in stock. That means they really don't have any, or if they do, they won't sell them.

So . . . we are down to phoning PentaLabs and hoping they are not Chinese clones. I doubt Chinese clones exist. They seem to have only gotten into the glass tube market as of yet.

No point in continuing this as there seem to be two camps: those who claim there is no shortage, but can't find any, and those who claim there is and already have spares and don't really care. Both camps seem equally proficient at using Google! :-)

73/DX Paul VE1DX

2299. Re:CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-29 15:55:00 UTC
From: John & Carol Sebert
Topic: 2239 Message: 2299

Try this web site www.QRO-PARTS.com <http://www.qro-parts.com/>

73

John N9LBW

[Non-text portions of this message have been removed]

2300. QRO Parts has a socket

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-29 16:09:25 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2300

At 11:55 AM 1/29/2008, you wrote:
>Try this web site www.QRO-PARTS.com <http://www.qro-parts.com/>
>
>
>
>73
>
>
>
>John N9LBW

All they have is a socket for the 4CX800A, but if the
GU-84B/4CX2500A were a drop in replacement (from a physical and
electrical standpoint), now there's a tube!

73/DX Paul VE1DX

2301. RE: [acom-list] Re:CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-29 18:58:58 UTC
From: N2TK
Topic: 2239 Message: 2301

QRO-parts pulled the Gu-74B from their web site over the past week. They cancelled my order for a pair.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John & Carol Sebert
Sent: Tuesday, January 29, 2008 10:55 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re:CX800A tubes are available

Try this web site www.QRO-PARTS.com <http://www.qro-
<http://www.qro-parts.com/> parts.com/>

73

John N9LBW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2302. Re:4CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-30 03:15:28 UTC
From: billdz.geo
Topic: 2239 Message: 2302

Is it just replacing the tubes we should worry about? What about the complicated auto-tune mechanism on the 2000a?

You folks that have bought replacement tubes from Russia or whereever, what do you do when the tubes arrive? Do you just stick them in the closet and leave them there for perhaps years until the originals go soft? Or is there some easy way to at least test them? As it's so complicated to replace the tubes in the amp, I assume no one is putting the new tubes in now and then saving the originals for future replacement use.

73, Bill NZ5N

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
> QRO-parts pulled the Gu-74B from their web site over the past week. They
> cancelled my order for a pair.
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
On Behalf
> Of John & Carol Sebert
> Sent: Tuesday, January 29, 2008 10:55 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re:CX800A tubes are available
>
>

2303. That's what started all of this

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-30 03:48:47 UTC
From: Paul M Dunphy
Topic: 2239 Message: 2303

At 11:15 PM 1/29/2008, you wrote:
>Is it just replacing the tubes we should worry about? What about the
>complicated auto-tune mechanism on the 2000a?
>
>You folks that have bought replacement tubes from Russia or whereever,
>what do you do when the tubes arrive? Do you just stick them in the
>closet and leave them there for perhaps years until the originals go
>soft? Or is there some easy way to at least test them? As it's so
>complicated to replace the tubes in the amp, I assume no one is
>putting the new tubes in now and then saving the originals for future
>replacement use.
>
>73, Bill NZ5N

That's the question I asked a month or two ago and the thread morphed into "you can't get any." Whether or not it is true that you can't get any, I plan on dropping a NOS replacement into my ACOM-1000 "as is" soon to find out. Probably will blow the tube, some of the control circuitry and any warranty left if I do this . . . :-)

73/DX Paul VE1DX

2304. Re: [acom-list] That's what started all of this

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-30 04:28:29 UTC
From: John Peters
Topic: 2239 Message: 2304

I think the two tubes are supposed to be balanced (roughly the same charactoristics). I plan to leave my spares until the originals die in 6,000 hours and then follow the instructions. (Turn on in standby for many hours, etc.) By then we may have a new source for tubes.

73 John K1ER
----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogroups.com
Sent: Tuesday, January 29, 2008 5:48 PM
Subject: [acom-list] That's what started all of this

At 11:15 PM 1/29/2008, you wrote:
>Is it just replacing the tubes we should worry about? What about the
>complicated auto-tune mechanism on the 2000a?
>
>You folks that have bought replacement tubes from Russia or whereever,
>what do you do when the tubes arrive? Do you just stick them in the
>closet and leave them there for perhaps years until the originals go
>soft? Or is there some easy way to at least test them? As it's so
>complicated to replace the tubes in the amp, I assume no one is
>putting the new tubes in now and then saving the originals for future
>replacement use.
>
>73, Bill NZ5N

That's the question I asked a month or two ago and the thread morphed into "you can't get any." Whether or not it is true that you can't get any, I plan on dropping a NOS replacement into my ACOM-1000 "as is" soon to find out. Probably will blow the tube, some of the control circuitry and any warranty left if I do this . . . :-)

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

2305. Re: [acom-list] That's what started all of this

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-30 05:01:12 UTC
From: Kelly Johnson
Topic: 2239 Message: 2305

Where did your 6,000 hour number come from? Is that "transmitting hours" or
does it include "standby hours"? If it's only transmitting hours then my
tubes are likely to outlast me :-)

On 1/29/08, John Peters <petersj007@...> wrote:
>
> I think the two tubes are supposed to be balanced (roughly the same
> charactoristics). I plan to leave my spares until the originals die in 6,000
> hours and then follow the instructions. (Turn on in standby for many hours,
> etc.) By then we may have a new source for tubes.
>
> 73 John K1ER
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Sent: Tuesday, January 29, 2008 5:48 PM
> Subject: [acom-list] That's what started all of this
>
> At 11:15 PM 1/29/2008, you wrote:
> >Is it just replacing the tubes we should worry about? What about the
> >complicated auto-tune mechanism on the 2000a?
> >
> >You folks that have bought replacement tubes from Russia or whereever,
> >what do you do when the tubes arrive? Do you just stick them in the
> >closet and leave them there for perhaps years until the originals go
> >soft? Or is there some easy way to at least test them? As it's so
> >complicated to replace the tubes in the amp, I assume no one is
> >putting the new tubes in now and then saving the originals for future
> >replacement use.
> >
> >73, Bill NZ5N
>
> That's the question I asked a month or two ago and the thread
> morphed into "you can't get any." Whether or not it is true that you
> can't get any, I plan on dropping a NOS replacement into my ACOM-1000
> "as is" soon to find out. Probably will blow the tube, some of the
> control circuitry and any warranty left if I do this . . . :-)
>
> 73/DX Paul VE1DX
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2306. Re: [acom-list] That's what started all of this

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-30 05:10:05 UTC
From: John Peters
Topic: 2239 Message: 2306

That is a number I have seen for expected tube life. Likely transmit hours.

I normally leave my amp on 24/7, you never know when something you need will come on.

I left my 30S1 on for many years 24/7 and routinely got several years service from each 4CX1000A. Same result with my 3CX800A7 amp. I expect the ACOM finals to perform the same. I think it is harder on the filaments to run them through hundreds of on/off cycles than to leave them hot.

73 John K1ER
----- Original Message -----
From: Kelly Johnson
To: acom-list@yahoogroups.com
Sent: Tuesday, January 29, 2008 7:01 PM
Subject: Re: [acom-list] That's what started all of this

Where did your 6,000 hour number come from? Is that "transmitting hours" or
does it include "standby hours"? If it's only transmitting hours then my
tubes are likely to outlast me :-)

On 1/29/08, John Peters <petersj007@...> wrote:
>
> I think the two tubes are supposed to be balanced (roughly the same
> charactoristics). I plan to leave my spares until the originals die in 6,000
> hours and then follow the instructions. (Turn on in standby for many hours,
> etc.) By then we may have a new source for tubes.
>
> 73 John K1ER
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Sent: Tuesday, January 29, 2008 5:48 PM
> Subject: [acom-list] That's what started all of this
>
> At 11:15 PM 1/29/2008, you wrote:
> >Is it just replacing the tubes we should worry about? What about the
> >complicated auto-tune mechanism on the 2000a?
> >
> >You folks that have bought replacement tubes from Russia or whereever,
> >what do you do when the tubes arrive? Do you just stick them in the
> >closet and leave them there for perhaps years until the originals go
> >soft? Or is there some easy way to at least test them? As it's so
> >complicated to replace the tubes in the amp, I assume no one is
> >putting the new tubes in now and then saving the originals for future
> >replacement use.
> >

> >73, Bill NZ5N
>
> That's the question I asked a month or two ago and the thread
> morphed into "you can't get any." Whether or not it is true that you
> can't get any, I plan on dropping a NOS replacement into my ACOM-1000
> "as is" soon to find out. Probably will blow the tube, some of the
> control circuitry and any warranty left if I do this . . . :-)
>
> 73/DX Paul VE1DX
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2307. You can condition NOS tubes in your amp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 00:29:30 UTC
From: Paul M Dunphy
Topic: 2307 Message: 2307

This is what I did today:

http://www.ve1dx.net/acomtube/

I offer no guarantees it will work for anyone else, or with all
NOS tubes. Proceed at your own risk!

73/DX Paul VE1DX

2308. Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 02:47:46 UTC
From: kamarty456
Topic: 2308 Message: 2308

I was wondering if there are any conflicts with the Acom 2000A and using a MFJ-998 1500w auto antenna tuner?

I need an in-line tuner for only 40 meters to tweak it a bit to keep the 2000A happy...no need to go into a rant so let's stay on the specific questions please.

I am also concerned with the "arc-fault" alarm when you have "slow switching" ... will the 2000A tolerate the MFJ-998?

Thanks for your comments.

Marty ka7gkn

2309. RE: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 03:30:19 UTC
From: Howard Klein
Topic: 2308 Message: 2309

Marty,

I use an MFJ 982, an older tuner, with my Acom 2000 to cover the entire 80 meter band and some WARC bands w/o problem. Never arc faults.
Howard..K2HK > To: acom-list@yahoogroups.com> From: martins160@...> Date: Thu, 31 Jan 2008 02:47:46 +0000> Subject: [acom-list] Acom 2000A and "other brand" auto tuner?> > I was wondering if there are any conflicts with the Acom 2000A and > using a MFJ-998 1500w auto antenna tuner?> > I need an in-line tuner for only 40 meters to tweak it a bit to keep > the 2000A happy...no need to go into a rant so let's stay on the > specific questions please.> > I am also concerned with the "arc-fault" alarm when you have "slow > switching" ... will the 2000A tolerate the MFJ-998?> > Thanks for your comments.> > Marty ka7gkn

[Non-text portions of this message have been removed]

2310. Re: You can condition NOS tubes in your amp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 04:19:48 UTC
From: billdz.geo
Topic: 2307 Message: 2310

Thanks Paul,

Very nice article, thanks for the detailed info.

Still not a very pleasant choice for those who choose to invest in the replacement tubes: either 1) test them by tearing apart your amp and risk damaging the tubes/amp, or 2) leave them on the shelf until you need them and risk that they will work when needed.

73, Bill NZ5N

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> This is what I did today:
>
> http://www.ve1dx.net/acomtube/
>
> I offer no guarantees it will work for anyone else, or with all
> NOS tubes. Proceed at your own risk!
>
> 73/DX Paul VE1DX
>

2311. Re: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 04:22:03 UTC
From: K0DAN
Topic: 2308 Message: 2311

It would be prudent to let the tuner do it's thing at 20-40W, with the Acom in bypass mode, as you QSY on 40M. Then when the tuner's happy you flip on the amp, and the tuner might make some other tweaks. But tuning at 1000+W with mismatch is inviting failures in the system. Get a good match at low power, then bring in the QRO.

73
Dan
K0DAN

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Cc: <martins160@...>
Sent: Wednesday, January 30, 2008 9:30 PM
Subject: RE: [acom-list] Acom 2000A and "other brand" auto tuner?

>
> Marty,
>
> I use an MFJ 982, an older tuner, with my Acom 2000 to cover the entire 80
> meter band and some WARC bands w/o problem. Never arc faults.
> Howard..K2HK > To: acom-list@yahoogroups.com> From: martins160@...>
> Date: Thu, 31 Jan 2008 02:47:46 +0000> Subject: [acom-list] Acom 2000A and
> "other brand" auto tuner?> > I was wondering if there are any conflicts
> with the Acom 2000A and > using a MFJ-998 1500w auto antenna tuner?> > I
> need an in-line tuner for only 40 meters to tweak it a bit to keep > the
> 2000A happy...no need to go into a rant so let's stay on the > specific
> questions please.> > I am also concerned with the "arc-fault" alarm when
> you have "slow > switching" ... will the 2000A tolerate the MFJ-998?> >
> Thanks for your comments.> > Marty ka7gkn
>
> [Non-text portions of this message have been removed]
>
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>
>
> Yahoo! Groups Links
>
>
>
>

2312. Conditioning of the GU74B tubes for the ACOM 2000A.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 12:21:39 UTC
From: jhk40
Topic: 2312 Message: 2312

I don't understand why this is such a big problem with the NOS tubes. Let's ask around the country for a company that will be willing to do the job of testing and bringing up the tubes to install status. After spending nearing $7,000,I really don't feel I have to go thru the procedure of playing close to 3000 volts and still not sure what I'm 100 percent doing is effective. This is a long way from plugging in thoses 6146Bs into the Heathkit DX100.

On another subject, I have a business trip coming up to St. Peterburg in July where the SED 4CX800A were produced. If anyone has infomation as to a contact person or anything else that would help, I would be glad to see what can be done to establish a flow of these tubes back to the states. I await your comments on the above.

Joel Kornreich, K2QBV (k2qbv@optonline.net)

2313. RE: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 13:10:38 UTC
From: George Steube
Topic: 2308 Message: 2313

I would recommend the Palstar AT-1500. Well made and it works.
73□s
George
W2GS

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of kamarty456
Sent: Wednesday, January 30, 2008 8:48 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000A and "other brand" auto tuner?

I was wondering if there are any conflicts with the Acom 2000A and using a MFJ-998 1500w auto antenna tuner?

I need an in-line tuner for only 40 meters to tweak it a bit to keep the 2000A happy...no need to go into a rant so let's stay on the specific questions please.

I am also concerned with the "arc-fault" alarm when you have "slow switching" ... will the 2000A tolerate the MFJ-998?

Thanks for your comments.

Marty ka7gkn

[Non-text portions of this message have been removed]

2314. Re: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 14:24:05 UTC
From: kg4lru@aol.com
Topic: 2308 Message: 2314

There our two good auto tuners out there too handle the power of the Acom ,patstar AT will handle the power 1500 on all bands and Ten-TEC auto tuner 253 made to work with the titan amps used only $ 755. used if you can find one very good tuner.

MFJ will most likely melt if you put it on 160, these tuners our real a joke and to risk $6000 amp on a 200 dollar tuner is foolish. But that my opinion !

73

Phil AI4DQ

**********Start the year off right. Easy ways to stay in shape.
http://body.aol.com/fitness/winter-exercise?NCID=aolcmp00300000002489

[Non-text portions of this message have been removed]

2315. RE: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 17:33:58 UTC
From: Howard Klein
Topic: 2308 Message: 2315

As I posted earlier I have had an MFJ 928 for probably 10 years and have used it with my Acom 2000 for about 7 years w/o a problem including 160. I am not a big MFJ fan but this has worke3d for me. YMMV.

Howard..K2HK

[Non-text portions of this message have been removed]

2316. FW: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 18:03:02 UTC
From: Howard Klein
Topic: 2308 Message: 2316

From: howk2@...: acom-list@yahoogroups.comSubject: RE: [acom-list] Acom 2000A and "other brand" auto tuner?Date: Thu, 31 Jan 2008 17:33:58 +0000

As I posted earlier I have had an MFJ 928 for probably 10 years and have used it with my Acom 2000 for about 7 years w/o a problem including 160. I am not a big MFJ fan but this has worke3d for me. YMMV. Howard..K2HK
MFJ will most likely melt if you put it on 160, these tuners our real a joke and to risk $6000 amp on a 200 dollar tuner is foolish. But that my opinion ! 73Phil AI4DQ

[Non-text portions of this message have been removed]

2317. Re: [acom-list] Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 19:14:36 UTC
From: kg4lru@aol.com
Topic: 2308 Message: 2317

Your a very lucky Guy ,their tuner our junk and will not handle rate power on 160 . also they will not tune up in the same spot twice even on a dummy load.

73

Phil AI4DQ

**********Start the year off right. Easy ways to stay in shape.
http://body.aol.com/fitness/winter-exercise?NCID=aolcmp00300000002489

[Non-text portions of this message have been removed]

2318. Re: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 21:03:28 UTC
From: Dennis Vernacchia
Topic: 2312 Message: 2318

I think that RF Parts in San Marcos, CA would be a good
candidate to test and market NOS tubes as they have much experience
in this area of the tube market. I am sure there are other companies that
are capable.

I have no pecuniary interest in this matter

73, Dennis N6KI

On Jan 31, 2008 4:21 AM, jhk40 <K2QBV@...> wrote:

>
> I don't understand why this is such a big problem with the NOS tubes.
> Let's ask around the country for a company that will be willing to do
> the job of testing and bringing up the tubes to install status. After
> spending nearing $7,000,I really don't feel I have to go thru the
> procedure of playing close to 3000 volts and still not sure what I'm
> 100 percent doing is effective. This is a long way from plugging in
> thoses 6146Bs into the Heathkit DX100.
>
> On another subject, I have a business trip coming up to St. Peterburg
> in July where the SED 4CX800A were produced. If anyone has infomation
> as to a contact person or anything else that would help, I would be
> glad to see what can be done to establish a flow of these tubes back
> to the states. I await your comments on the above.
>
> Joel Kornreich, K2QBV (k2qbv@... <k2qbv%40optonline.net>)
>
>
>

[Non-text portions of this message have been removed]

2319. RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 21:19:35 UTC
From: Kees - pa7two
Topic: 2312 Message: 2319

I think we make way too much fuss out of the fact that we
use NOS tubes as replacements. The UR4LL and ND2X description can be combined
together and this provides the solution to get the tubes started.

I am starting a NOS tube as I write this e-mail, begun with bringing up the
filament voltage up in stages, now entering the 12.5 volt stage (five 20% steps
in total, one hour each) and let it run for 24 hours. Next step is to install
the tube in the ACOM amplifier and let the amp switched on but IDLE for 24 hours
followed by some QSO's on 50% of output power for 30 minutes or so.

That should do the 'trick' nicely.

I e-mailed a year ago with Stanimir (Acom Bulgaria) and proposed this way. If
one needs Stans reply e-mail see below for my e-mail address.

BTW: If any badly one needs a spare tube, I have some spares for the ones who
really need one. Not cheap, and dull looking Svetlana tubes, but at least NOS. No guarantee
possible since these will have to be post parcel shipped but I check
the PINs on shorts and if needed, I heat up the filament on request. (No
matched pairs in stock). Contact me via personal e-mail for spares. Look at QRZ
for e-mail address if needed :-)

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: n6ki73@...
Date: Thu, 31 Jan 2008 13:03:28 -0800
Subject: Re: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

I think that RF Parts in San Marcos, CA would be a good

candidate to test and market NOS tubes as they have much experience

in this area of the tube market. I am sure there are other companies that

are capable.

I have no pecuniary interest in this matter

73, Dennis N6KI

On Jan 31, 2008 4:21 AM, jhk40 <K2QBV@...> wrote:

>

> I don't understand why this is such a big problem with the NOS tubes.

> Let's ask around the country for a company that will be willing to do

> the job of testing and bringing up the tubes to install status. After

> spending nearing $7,000,I really don't feel I have to go thru the

> procedure of playing close to 3000 volts and still not sure what I'm

> 100 percent doing is effective. This is a long way from plugging in

> thoses 6146Bs into the Heathkit DX100.

>

> On another subject, I have a business trip coming up to St. Peterburg

> in July where the SED 4CX800A were produced. If anyone has infomation

> as to a contact person or anything else that would help, I would be

> glad to see what can be done to establish a flow of these tubes back

> to the states. I await your comments on the above.

>

> Joel Kornreich, K2QBV (k2qbv@... <k2qbv%40optonline.net>)

>

>

>

[Non-text portions of this message have been removed]

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2320. RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 21:32:01 UTC
From: N2TK
Topic: 2312 Message: 2320

Hi Kees,
How do you heat up the filament without a socket and air flowing through it?
I would think the tubes would get very hot without a socket, but I don't
know.

I don't know a way to provide only filament voltage on the 2000A without the
software interlock shutting down the amp if I unplug the bias and high
voltage supplies.

I had bought a pair of NOS tubes. One showed a grid-cathode short after
about a minute of filament voltage applied. This was the same failure mode
of a tube after 6100 hours on it.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Kees - pa7two
Sent: Thursday, January 31, 2008 4:20 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

I think we make way too much fuss out of the fact that we
use NOS tubes as replacements. The UR4LL and ND2X description can be
combined
together and this provides the solution to get the tubes started.

I am starting a NOS tube as I write this e-mail, begun with bringing up the
filament voltage up in stages, now entering the 12.5 volt stage (five 20%
steps
in total, one hour each) and let it run for 24 hours. Next step is to
install
the tube in the ACOM amplifier and let the amp switched on but IDLE for 24
hours
followed by some QSO's on 50% of output power for 30 minutes or so.

That should do the 'trick' nicely.

I e-mailed a year ago with Stanimir (Acom Bulgaria) and proposed this way.
If
one needs Stans reply e-mail see below for my e-mail address.

BTW: If any badly one needs a spare tube, I have some spares for the ones
who
really need one. Not cheap, and dull looking Svetlana tubes, but at least

NOS. No guarantee possible since these will have to be post parcel shipped
but I check
the PINs on shorts and if needed, I heat up the filament on request. (No
matched pairs in stock). Contact me via personal e-mail for spares. Look at
QRZ
for e-mail address if needed :-)

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
From: n6ki73@gmail. <mailto:n6ki73%40gmail.com> com
Date: Thu, 31 Jan 2008 13:03:28 -0800
Subject: Re: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

I think that RF Parts in San Marcos, CA would be a good

candidate to test and market NOS tubes as they have much experience

in this area of the tube market. I am sure there are other companies that

are capable.

I have no pecuniary interest in this matter

73, Dennis N6KI

On Jan 31, 2008 4:21 AM, jhk40 <K2QBV@optonline.
<mailto:K2QBV%40optonline.net> net> wrote:

>

> I don't understand why this is such a big problem with the NOS tubes.

> Let's ask around the country for a company that will be willing to do

> the job of testing and bringing up the tubes to install status. After

> spending nearing $7,000,I really don't feel I have to go thru the

> procedure of playing close to 3000 volts and still not sure what I'm

> 100 percent doing is effective. This is a long way from plugging in

> thoses 6146Bs into the Heathkit DX100.

>

> On another subject, I have a business trip coming up to St. Peterburg

> in July where the SED 4CX800A were produced. If anyone has infomation

> as to a contact person or anything else that would help, I would be

> glad to see what can be done to establish a flow of these tubes back

> to the states. I await your comments on the above.

>

> Joel Kornreich, K2QBV (k2qbv@optonline. <mailto:k2qbv%40optonline.net> net
<k2qbv%40optonline.net>)

>

>

>

[Non-text portions of this message have been removed]

_____
Connect and share in new ways with Windows Live.
http://www.windowsl
<http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008
> ive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2321. RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 21:34:26 UTC
From: Kees - pa7two
Topic: 2312 Message: 2321

Hi Tony,

I forward you a personal mail with the technical construction I made :-).

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: tony.kaz@...
Date: Thu, 31 Jan 2008 16:32:01 -0500
Subject: RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

Hi Kees,

How do you heat up the filament without a socket and air flowing through it?

I would think the tubes would get very hot without a socket, but I don't

know.

I don't know a way to provide only filament voltage on the 2000A without the

software interlock shutting down the amp if I unplug the bias and high

voltage supplies.

I had bought a pair of NOS tubes. One showed a grid-cathode short after

about a minute of filament voltage applied. This was the same failure mode

of a tube after 6100 hours on it.

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N2TK, Tony

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Of Kees - pa7two

Sent: Thursday, January 31, 2008 4:20 PM

To: acom-list@yahoogroups.com

Subject: RE: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

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together and this provides the solution to get the tubes started.
I am starting a NOS tube as I write this e-mail, begun with bringing up the
filament voltage up in stages, now entering the 12.5 volt stage (five 20%
steps
in total, one hour each) and let it run for 24 hours. Next step is to
install
the tube in the ACOM amplifier and let the amp switched on but IDLE for 24
hours
followed by some QSO's on 50% of output power for 30 minutes or so.
That should do the 'trick' nicely.
I e-mailed a year ago with Stanimir (Acom Bulgaria) and proposed this way.
If
one needs Stans reply e-mail see below for my e-mail address.
BTW: If any badly one needs a spare tube, I have some spares for the ones
who
really need one. Not cheap, and dull looking Svetlana tubes, but at least
NOS. No guarantee possible since these will have to be post parcel shipped
but I check
the PINs on shorts and if needed, I heat up the filament on request. (No
matched pairs in stock). Contact me via personal e-mail for spares. Look at
QRZ
for e-mail address if needed :-)
Vy 73, de Kees
Member of an all HAM family
AmateurRadio : PA7TWO - M5TWO Locator: JO22jp
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com

From: n6ki73@gmail. <mailto:n6ki73%40gmail.com> com

Date: Thu, 31 Jan 2008 13:03:28 -0800

Subject: Re: [acom-list] Conditioning of the GU74B tubes for the ACOM 2000A.

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I have no pecuniary interest in this matter

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> spending nearing $7,000,I really don't feel I have to go thru the

> procedure of playing close to 3000 volts and still not sure what I'm

> 100 percent doing is effective. This is a long way from plugging in

> thoses 6146Bs into the Heathkit DX100.

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> On another subject, I have a business trip coming up to St. Peterburg

> in July where the SED 4CX800A were produced. If anyone has infomation

> as to a contact person or anything else that would help, I would be

> glad to see what can be done to establish a flow of these tubes back

> to the states. I await your comments on the above.

>

> Joel Kornreich, K2QBV (k2qbv@optonline. <mailto:k2qbv%40optonline.net> net

<k2qbv%40optonline.net>)

>

>

>

[Non-text portions of this message have been removed]

Connect and share in new ways with Windows Live.

http://www.windowsl

<http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

> ive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Climb to the top of the charts! Play the word scramble challenge with star power.
http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

2322. Re: Acom 2000A and "other brand" auto tuner?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-01-31 22:11:06 UTC
From: ki4ge
Topic: 2308 Message: 2322

Hi Marty,

I have been using a MFJ-998 with a Icom 756 Pro III and the Acom 2000a for about 6 months. I work exclusively on SSB. The tuner works great. I am using it with a HighGain HyTower vertical with 110 radials that are 110 feet long. The antenna has a radiation impedance of about 20 to 30 ohms on the various bands(probably due to the large diameter of the vertical and the large number of very long radials).

I operate the station by remote control using TX-Manager and TRX-Acom over the internet. The tuner works fine in this type of operation as long as it is autotune mode. I use the tune function in TRX-Manager to activate the tuner over the internet which applies about 5 to 10 watts during the tuning cycle.

73 Jerry, KI4GE

--- In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> I was wondering if there are any conflicts with the Acom 2000A and
> using a MFJ-998 1500w auto antenna tuner?
>
> I need an in-line tuner for only 40 meters to tweak it a bit to
keep
> the 2000A happy...no need to go into a rant so let's stay on the
> specific questions please.
>
> I am also concerned with the "arc-fault" alarm when you have "slow
> switching" ... will the 2000A tolerate the MFJ-998?
>
> Thanks for your comments.
>
> Marty ka7gkn
>

2323. Re: 4CX800A tubes are available

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-01 02:32:40 UTC
From: Chris
Topic: 2239 Message: 2323

Yes, the tubes really are available....

I received the following reply from the vendor (tube-shop.com):
"Yes! I have stock"

They do sell to the U.S. and they do have inventory.

Outside of tubes, it is a general trend in the electronics industry
that components have increasingly limited production lifetimes. We
hams have been generally spoiled by the fact we can service our
equipment for many, many years after we purchase it. The lack of an
inexpensive out of production microprocessor, memory, I/O or other
chip can cause a radio or amplifier to become useless. So, do we buy
spares of everything? I don't know. Tubes do have a limited lifetime
compared to solid state devices so depending on how much key-down time
one does, it does seem prudent to be aware of their availability.

73
Chris, K9EQ

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> At 10:44 PM 1/28/2008, you wrote:
> >Argh! I can't take this anymore. Give me 5 quality minutes with
> >Google.....
> >
> >The 4CX800A's appear to be available for $434. See:
>
>http://www.tube-shop.com/usa/prod_radio_detail.asp?ProductID=326&ProcessType=19
> >
> >They even ship the next day!
> >
> >The GU-74B (NOS) also appears to be available for $225:
>
>http://www.tube-shop.com/usa/prod_radio_detail.asp?ProductID=561&ProcessType=19
> >
> >I have no clue about this company, but here's what I gather:
> >
> >Around 2003 PM Components Limited (UK) became the world-wide
> >distributor for Svetlana. In the U.S.A. the distributor was suppose to
> >be PM of America located in Memphis, but I could not find a real
> >company by this name. Instead "Tube Shop" appears to be selling the
> >tubes in the U.S. with the tubes still coming from the U.K. Due to
> >litigation, Svetlana in the U.S. is called SED but it's still Svetlana.
> >
> >Other rumors: The tube is also mfg by a Chinese company, (good luck

> >there), but in 5 minutes I could not track it down.
> >
> >Pentalabs also appears to sell the tube. They will only conduct
> >business over the phone. http://www.pentalaboratories.com/ Don't know
> >where they get the tube. China?
> >
> >Alpha Radio Products lists the tube for $325 but out of stock. Don't
> >know what that means. But They have the 8877 for $750 (way cheaper
> >than RF Parts).
>
>http://alpharadioproducts.com/merchant5/merchant.mvc?Screen=CTGY&Store_Code=AS&Category_C
ode=TU
> >
> >Of course, you never really know for sure until you order a tube and
> >drop it in the amp.
> >
> >73
> >Chris, K9EQ
>
> The UK site says "Sorry, Tube-Shop.Com are unable to sell
> Svetlana Tubes to the United States of America." On the same site,
> clicking "Buy" for either product gives the following error:
>
> ADODB.Recordset error '800a0cc1'
>
> Item cannot be found in the collection corresponding to the requested
> name or ordinal.
>
> /usa/UCII_Cart.asp, line 244
>
> Alpha says they have none in stock. That means they really don't
> have any, or if they do, they won't sell them.
>
> So . . . we are down to phoning PentaLabs and hoping they are
> not Chinese clones. I doubt Chinese clones exist. They seem to have
> only gotten into the glass tube market as of yet.
>
> No point in continuing this as there seem to be two
> camps: those who claim there is no shortage, but can't find any, and
> those who claim there is and already have spares and don't really
> care. Both camps seem equally proficient at using Google! :-)
>
> 73/DX Paul VE1DX
>

2324. RES: tubes acom 2000 PY5EG

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-01 10:07:00 UTC
From: py5eg
Topic: 2324 Message: 2324

Dear friends:

I have been reading the mail regarding the GU7A4B tubes for the ACOM 2000.
Due the fact I have 3 of those linears, I started to be concerned about the possibility to have difficult for spare tubes.
I do have very good friend relationship with the ACOM´s people. They are very diligent in answering questions and technical assistance.
I got this answer from my friend Vasco the Chairman and CEO of ACOM, and he authorized me to spread the information to the ACOM´s owners.
I think we can be more relax now.
Best regards
Oms PY5EG

Dear Oms,

The rumors that Svetlana has discontinued the GU74B tube are not true. I visited Svetlana in St. Peterburg a couple of months ago and saw for myself its production was running OK and would even be increased.

The problem is that its price goes up!

ACOM has an adequate amount of GU74B tubes for warranty replacement only and not for "spare tubes" sales. However, there are GU74B vendors worldwide needing hams can buy tubes from.

Regards,
Vasco, LZ1JK

----- Original Message -----
From: py5eg <mailto:py5eg@...>
To: K6ND <mailto:k6nd@hfpower.com>
Cc: Stanimir Lekov <mailto:acom@...>
Sent: Thursday, January 24, 2008 6:01 PM
Subject: tubes acom 2000 PY5EG

Hi friends:
We are aware about some rumors that Svetlana stoped to produce GU74B (3CX800A).
The PYs owners of ACOM 2000 are concerned about it.
What is the solution for such problem?
Best regards
Oms PY5EG

PY5EG
Atilano de Oms
py5eg@iesa.com.br

_____ NOD32 2819 (20080124) Information _____

This message was checked by NOD32 antivirus system.
http://www.eset.com

[Non-text portions of this message have been removed]

2325. Re: [acom-list] RES: tubes acom 2000 PY5EG

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-01 11:36:14 UTC
From: Barry N1EU
Topic: 2324 Message: 2325

If the GU-74B really is in current production, this is turning out to be a scavenger hunt of epic proportion by Acom-list members to turn up a SINGLE recently manufactured tube for sale as a component anywhere in the world.

73,
Barry N1EU

On 2/1/08, py5eg <py5eg@...> wrote:
>
> Dear friends:
>
> I have been reading the mail regarding the GU7A4B tubes for the ACOM 2000.
> Due the fact I have 3 of those linears, I started to be concerned about
> the possibility to have difficult for spare tubes.
> I do have very good friend relationship with the ACOM´s people. They are
> very diligent in answering questions and technical assistance.
> I got this answer from my friend Vasco the Chairman and CEO of ACOM, and
> he authorized me to spread the information to the ACOM´s owners.
> I think we can be more relax now.
> Best regards
> Oms PY5EG
>
> Dear Oms,
>
>
> The rumors that Svetlana has discontinued the GU74B tube are not true. I
> visited Svetlana in St. Peterburg a couple of months ago and saw for myself
> its production was running OK and would even be increased.
>
> The problem is that its price goes up!
>
> ACOM has an adequate amount of GU74B tubes for warranty replacement only
> and not for "spare tubes" sales. However, there are GU74B vendors worldwide
> needing hams can buy tubes from.
>
> Regards,
> Vasco, LZ1JK
>
> ----- Original Message -----
> From: py5eg <mailto:py5eg@iesa.com.br <py5eg%40iesa.com.br>>
> To: K6ND <mailto:k6nd@... <k6nd%40hfpower.com>>
> Cc: Stanimir Lekov <mailto:acom@... <acom%40mail.orbitel.bg>>
> Sent: Thursday, January 24, 2008 6:01 PM
> Subject: tubes acom 2000 PY5EG
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>
> PY5EG
> Atilano de Oms
> py5eg@... <py5eg%40iesa.com.br>
>
> _____ NOD32 2819 (20080124) Information _____
>
> This message was checked by NOD32 antivirus system.
> http://www.eset.com
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2326. RE: [acom-list] RES: tubes acom 2000 PY5EG

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-01 16:52:35 UTC
From: N2TK
Topic: 2324 Message: 2326

The trouble is which distributor anywhere is selling new tubes? So far I have emailed several distributors both in the US and Europe without anyone saying they have new GU-74B/4CX800A tubes.

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of py5eg
Sent: Friday, February 01, 2008 5:07 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] RES: tubes acom 2000 PY5EG

Dear friends:

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Regards,
Vasco, LZ1JK

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To: K6ND <mailto:k6nd@hfpower. <mailto:k6nd%40hfpower.com> com>
Cc: Stanimir Lekov <mailto:acom@...el. <mailto:acom%40mail.orbitel.bg> bg>
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http://www.eset. <http://www.eset.com> com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2327. Connecting the FT-950 to the Acom 1000 or 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-01 18:45:18 UTC
From: Hans Remeeus
Topic: 2327 Message: 2327

Hello to all!

Today I received the following information from Acom:

Control connection of FT-950 to ACOM1000 or ACOM2000A

1. The electrical specifications of the amplifier's KEY-IN input are
fully compatible with FT-950:
- Switching voltage (open circuit) - 15V max, plus to the ground;
- Closed-circuit current - 15mA max.

2. Connecting the YAESU FT-950 10 pin mini-DIN connector "LINEAR":

pin 2 (TX GND) - yellow - to ACOM "KEY-IN" RCA (CINCH) connector

pin 3 (GND) - green - to shields

pin 8 (TX INH) - brown - to ACOM "KEY-OUT" RCA (CINCH) connector

pin 10 (CHASSIS) - light blue - to shields

All rest pins remain unconnected.

3. Before connecting or disconnecting cables always switch off both the
transceiver and the amplifier.

4. In transceiver's menu 043 A1A BK-IN select "FULL" and in menu 049 A1A
QSK Time select a time delay of 15ms.

5. With the cable connected to FT-950 10 pin mini-DIN connector "LINEAR"
on one side only, and the "KEY IN" and "KEY OUT" RCA (CINCH) connectors
still not connected (free), the transceiver should not be capable to
transmit.

6. With the cable connected to FT-950 10 pin mini-DIN connector "LINEAR"
and the "KEY IN" and "KEY OUT" RCA (CINCH) connectors connected to ACOM
"KEY IN" and "KEY OUT" connectors, and the ACOM amplifier powered OFF,
the transceiver should be able to transmit and receive as normally.

7. With the cable connected as in (6) above and the amplifier powered ON
and in STBY mode, the transceiver should be able to transmit and the
amplifier should be keyed to operate during transmit and receive.

8. With the cable connected as in (6) above and the amplifier powered ON
and in OPER mode, the transceiver should be able to transmit and receive
as normally.

The ALC is preferably not used.

Please let the FT-950 and/or Acom Yahoogroups know your results.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

2328. Auto tuner question solved

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 00:57:57 UTC
From: kamarty456
Topic: 2328 Message: 2328

I want to thank those of you who replied to my original question about what auto tuner to purchase. We can end the discussion.

Briefly:

I tried the MFJ-998 auto tuner. It is a nice box! I was surprised as to how noisy the relays are when they are banging away. The tuner tuned almost everything I asked it to and In a timely manner.

I was disappointed that the tuner does not provide a peak reading watt meter! It does offer a delay but only shows average power output. My manual tuner has a peak reading watt meter and I did not want to lose that feature. I returned the tuner.

I then tried the Palstar auto tuner. In a word "WOW!!" Amazing what an extra $700.00 will get you.
The tuner is well made and an excellent instruction manual. They also provide you with all necessary cables. They give you the interface cable between the computer and tuner should you want to add any updates! They also provide a spare meter lamp, some extra screws, and even a few Q-tips to keep the innards clean.

The tuner did tune everything I asked it to and quickly. The stepper motors are louder than what we hear in the Acom but in the big picture very quiet and smooth.

I will keep the Palstar. To be fair, I want to repeat the MFJ-998 is a good box too, but lacks the peak reading watt meter.

regards,
Marty KA7GKN

2329. RE: [acom-list] Auto tuner question solved

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 03:38:34 UTC
From: Howard Klein
Topic: 2328 Message: 2329

Thanks for the run down Marty. Good luck with it. I think you made a good choice.
73,
Howard..K2HK> To: acom-list@yahoogroups.com> From: martins160@...> Date: Sat, 2 Feb 2008 00:57:57 +0000> Subject: [acom-list] Auto tuner question solved> > I want to thank those of you who replied to my original question > about what auto tuner to purchase. We can end the discussion.> > Briefly:> > I tried the MFJ-998 auto tuner. It is a nice box! I was surprised as > to how noisy the relays are when they are banging away. The tuner > tuned almost everything I asked it to and In a timely manner.> > I was disappointed that the tuner does not provide a peak reading > watt meter! It does offer a delay but only shows average power > output. My manual tuner has a peak reading watt meter and I did not > want to lose that feature. I returned the tuner.> > I then tried the Palstar auto tuner. In a word "WOW!!" Amazing what > an extra $700.00 will get you.> The tuner is well made and an excellent instruction manual. They also > provide you with all necessary cables. They give you the interface > cable between the computer and tuner should you want to add any > updates! They also provide a spare meter lamp, some extra screws, and > even a few Q-tips to keep the innards clean.> > The tuner did tune everything I asked it to and quickly. The stepper > motors are louder than what we hear in the Acom but in the big > picture very quiet and smooth.> > I will keep the Palstar. To be fair, I want to repeat the MFJ-998 is > a good box too, but lacks the peak reading watt meter.> > > regards,> Marty KA7GKN> > > > > >

[Non-text portions of this message have been removed]

2330. Re: RES: tubes acom 2000 PY5EG

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 04:45:07 UTC
From: aa2mf
Topic: 2324 Message: 2330

I'm sorry but what I've been reading about the GU-74B/4CX800A tubes doesn't make any since. The tube is being manufactured by Svetlana in St. Peterburg and there is no indication by Svetlana that they will discontinue there production. Why then are all the US and European distributors ignoring orders and information requests? Is a false tube shortage being created to increase the price? What would it take to contact Svetlana directly for a group buy? Would acom or perhaps one of the local radio clubs be willing to undertake such a venture? I do not have a business operation to run it through but would be more the willing to help.

What is the current price for this tube?

Rich AA2MF
AA2MF@...

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
> The trouble is which distributor anywhere is selling new tubes? So far I
> have emailed several distributors both in the US and Europe without anyone
> saying they have new GU-74B/4CX800A tubes.
>
>
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of py5eg
> Sent: Friday, February 01, 2008 5:07 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] RES: tubes acom 2000 PY5EG
>
>
>
> Dear friends:
>
> I have been reading the mail regarding the GU7A4B tubes for the ACOM 2000.
> Due the fact I have 3 of those linears, I started to be concerned about the
> possibility to have difficult for spare tubes.
> I do have very good friend relationship with the ACOM´s people.

They are
> very diligent in answering questions and technical assistance.
> I got this answer from my friend Vasco the Chairman and CEO of
ACOM, and he
> authorized me to spread the information to the ACOM´s owners.
> I think we can be more relax now.
> Best regards
> Oms PY5EG
>
> Dear Oms,
>
>
> The rumors that Svetlana has discontinued the GU74B tube are not
true. I
> visited Svetlana in St. Peterburg a couple of months ago and saw
for myself
> its production was running OK and would even be increased.
>
> The problem is that its price goes up!
>
> ACOM has an adequate amount of GU74B tubes for warranty
replacement only and
> not for "spare tubes" sales. However, there are GU74B vendors
worldwide
> needing hams can buy tubes from.
>
> Regards,
> Vasco, LZ1JK
>
> ----- Original Message -----
> From: py5eg <mailto:py5eg@... <mailto:py5eg%40iesa.com.br> br>
> To: K6ND <mailto:k6nd@hfpower. <mailto:k6nd%40hfpower.com> com>
> Cc: Stanimir Lekov <mailto:acom@...
> <mailto:acom%40mail.orbitel.bg> bg>
> Sent: Thursday, January 24, 2008 6:01 PM
> Subject: tubes acom 2000 PY5EG
>
> Hi friends:
> We are aware about some rumors that Svetlana stoped to produce
GU74B
> (3CX800A).
> The PYs owners of ACOM 2000 are concerned about it.
> What is the solution for such problem?
> Best regards
> Oms PY5EG
>
> PY5EG
> Atilano de Oms
> py5eg@... <mailto:py5eg%40iesa.com.br> br
>

> __________ NOD32 2819 (20080124) Information __________
>
> This message was checked by NOD32 antivirus system.
> http://www.eset. <http://www.eset.com> com
>
> [Non-text portions of this message have been removed]
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>

2331. E-bay VS gu74b/4cx800A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 15:02:14 UTC
From: kamarty456
Topic: 2331 Message: 2331

I have been watching the tube dilemma very closely. I'm also in the market for a spare set of tubes for my Acom 2000A.

I have noticed recently a surge of tubes offered on E-bay.
I am a bit skeptical as one seller wants a check or money order without any guarantees!

Are there folks here that have purchased tubes via E-bay? If so, I'd appreciate your comments as to the experience. I wonder about how "truthful" the sellers are, as NOS [new old stock] or are they indeed pawning off rejects and junk.

regards,
Marty KA7GKN

2332. RE: [acom-list] E-bay VS gu74b/4cx800A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 15:59:49 UTC
From: Kees - pa7two
Topic: 2331 Message: 2332

Hi Marty,

I see eBay bids for an GU74B ending up to 267 dollars, amazing!!

My recommendation is always pay via PayPal, if goods are not as expected, ask you money back via PayPal. In the last year I had a few tubes DOA, and all three times my money was returned within one month from PayPal.

BTW: 'No guarantee' means NO WAY I buy from that seller!
Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.comFrom: martins160@...: Sat, 2 Feb 2008 15:02:14 +0000Subject: [acom-list] E-bay VS gu74b/4cx800A

I have been watching the tube dilemma very closely. I'm also in the market for a spare set of tubes for my Acom 2000A.I have noticed recently a surge of tubes offered on E-bay.I am a bit skeptical as one seller wants a check or money order without any guarantees!Are there folks here that have purchased tubes via E-bay? If so, I'd appreciate your comments as to the experience. I wonder about how "truthful" the sellers are, as NOS [new old stock] or are they indeed pawning off rejects and junk.regards, Marty KA7GKN

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2333. Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 16:15:13 UTC
From: Paul M Dunphy
Topic: 2331 Message: 2333

At 11:59 AM 2/2/2008, you wrote:
>Hi Marty,
>
>I see eBay bids for an GU74B ending up to 267 dollars, amazing!!
>
>My recommendation is always pay via PayPal, if goods are not as
>expected, ask you money back via PayPal. In the last year I had a
>few tubes DOA, and all three times my money was returned within one
>month from PayPal.
>
>BTW: 'No guarantee' means NO WAY I buy from that seller!
>Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO -
>M5TWO Locator: JO22jp

It's pretty sad when we are reduced to buying tubes of unknown origin or condition from anonymous sellers. While it's great for ACOM and other amplifier manufacturers to tell us they visited the Svetlana factory, and that they (Svetlana) are ramping up production and that there are lots of tubes available, I have two questions:

(1) If Svetlana (or anyone else) is making these tubes, why can't anyone buy one?

(2) If Svetlana (or anyone else) is making these tubes, why won't ACOM sell us spares? "Warranty Replacement" is fine, but their warranty is a RTF (Return To Factory) for 2 years with the 1000 and for 4 years with the 2000. Why not sell us the part that is most likely to fail (the tube) and let us change it ourselves?

When the only option to get spare tubes for a top of the line amplifier is eBay, something is wrong. Why are ACOM (and Alpha, QRO, Emtron, etc) not selling spares? Why can't RF Parts, the most well known tube supplier in the world, get any?

73/DX Paul VE1DX

2334. Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 17:00:51 UTC
From: w9ac
Topic: 2331 Message: 2334

From the Tube-Shop.com website:

"Sorry, Tube-Shop.Com are unable to sell Svetlana Tubes to the United States of America." It also appears from their product card that they sell the Svetlanta 3CX800A7 (triode) not the 4CX800A7 (tetrode). I didn't know that Svetlana had made a triode version of the tube.

> "When the only option to get spare tubes for a top of the line amplifier is eBay, something is wrong. Why are ACOM (and Alpha, QRO, Emtron, etc) not selling spares? Why can't RF Parts, the most well known tube supplier in the world, get any?"

If these companies are not selling spares to end-users, I would suspect that supply is critically limited at this time and the amp manufacturers need what tubes they do have on-hand for the manufacture of new product and in-warranty replacements for which they have an obligation. It doesn't exactly instill a feeling of confidence about owning an amp that uses these tubes.

Whether it's an amplifier or any other product, purchasers assume a high level of risk when a mission-critical component is manufactured by one single source of components with a short product life span. We're seeing evidence of this with transceivers manufactured as recently as five years ago. If a single source disappears for any number of reasons (e.g., obsolescence, arson, acts of God, terrorism...bankruptcy, etc.), the user is left to come up with a viable "Plan B?"

Paul, W9AC

2335. Re: [acom-list] Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 22:06:08 UTC
From: Dennis Vernacchia
Topic: 2331 Message: 2335

Here is the answer to your question #2

If a person, no matter how qualified, kills or injures themselves
in the process of re-tubing an ACOM or any other amplifier,
there will be a string of attorneys chasing the money,.....
it's called Liability......at least that is how
it works in the U.S....not sure about Canada or other countries.

73, Dennis N6KI

On Feb 2, 2008 8:15 AM, Paul M Dunphy <amplifier@...> wrote:

> At 11:59 AM 2/2/2008, you wrote:
> >Hi Marty,
> >
> >I see eBay bids for an GU74B ending up to 267 dollars, amazing!!
> >
> >My recommendation is always pay via PayPal, if goods are not as
> >expected, ask you money back via PayPal. In the last year I had a
> >few tubes DOA, and all three times my money was returned within one
> >month from PayPal.
> >
> >BTW: 'No guarantee' means NO WAY I buy from that seller!
> >Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO -
> >M5TWO Locator: JO22jp
>
> It's pretty sad when we are reduced to buying tubes of unknown
> origin or condition from anonymous sellers. While it's great for
> ACOM and other amplifier manufacturers to tell us they visited the
> Svetlana factory, and that they (Svetlana) are ramping up production
> and that there are lots of tubes available, I have two questions:
>
> (1) If Svetlana (or anyone else) is making these tubes, why can't
> anyone buy one?
>
> (2) If Svetlana (or anyone else) is making these tubes, why won't
> ACOM sell us spares? "Warranty Replacement" is fine, but their
> warranty is a RTF (Return To Factory) for 2 years with the 1000 and
> for 4 years with the 2000. Why not sell us the part that is most
> likely to fail (the tube) and let us change it ourselves?
>
> When the only option to get spare tubes for a top of the line
> amplifier is eBay, something is wrong. Why are ACOM (and Alpha, QRO,
> Emtron, etc) not selling spares? Why can't RF Parts, the most well
> known tube supplier in the world, get any?
>

> 73/DX Paul VE1DX
>
>

[Non-text portions of this message have been removed]

2336. To the owners of linears using the 4CX800A tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 22:51:31 UTC
From: jhk40
Topic: 2336 Message: 2336

TO OWNERS OF LINEARS USING THE 4CX800A CERAMIC TUBES

That's nice and all but no one is trying to establish a plan to purchase this tube anywhere. Let me roll this one out to everybody.....

I need to know how many linear owners would like to purchase these tubes as my company presently buys and sells electronics worldwide. I will attempt to purchase from Europe a minimum of 100 4CX800A to be sent to my office in the UK. If this is not going to work, I will be asking one of our overseas trading partners to do the purchasing for us in Europe. If there is some kind of game being played as to not allow the US to purchase, this plan will overide that. Also the pricing will be kept to a small percentage over cost if these tubes ever come alive in the future from companies here.

With the above in mind, I need to hear who would be interested in future purchases? Hopefully in two weeks from now I would like to obtain some idea what we're talking about in quanity.

Again, this is just an idea....

Joel, K2QBV
k2qbv@optonline.net

2337. Re: To the owners of linears using the 4CX800A tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 23:08:41 UTC
From: kamarty456
Topic: 2336 Message: 2337

Joel you can put me on the list for two tubes. Will they be matched
pairs?
Thanks,
Marty KA7GKN

2338. Re: [acom-list] To the owners of linears using the 4CX800A tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 23:37:48 UTC
From: Barry
Topic: 2336 Message: 2338

Before anyone responds to this offer, you may want to review archives of the Towertalk reflector. I've never done business with K2QBV, but his call rang a bell. It appears a bunch of people sent him money for towers and had some issues with getting what they paid for. I did a little searching and came up with this old thread. I believe there are others, too:
http://lists.contesting.com/archives//html/Towertalk/2001-01/msg00631.html

73 and caveat emptor,
Barry, W2UP

jhk40 wrote:
>
>
>
> TO OWNERS OF LINEARS USING THE 4CX800A CERAMIC TUBES
>
> That's nice and all but no one is trying to establish a plan to
> purchase this tube anywhere. Let me roll this one out to
> everybody.....
>
> I need to know how many linear owners would like to purchase these
> tubes as my company presently buys and sells electronics worldwide.
> I will attempt to purchase from Europe a minimum of 100 4CX800A to
> be sent to my office in the UK. If this is not going to work, I will
> be asking one of our overseas trading partners to do the purchasing
> for us in Europe. If there is some kind of game being played as to
> not allow the US to purchase, this plan will overide that. Also the
> pricing will be kept to a small percentage over cost if these tubes
> ever come alive in the future from companies here.
>
> With the above in mind, I need to hear who would be interested in
> future purchases? Hopefully in two weeks from now I would like to
> obtain some idea what we're talking about in quanity.
>
> Again, this is just an idea....
>
> Joel, K2QBV
> k2qbv@... <mailto:k2qbv%40optonline.net>
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.

> Version: 7.5.516 / Virus Database: 269.19.19/1256 - Release Date: 2/2/2008 1:50 PM
>

--

Barry Kutner, W2UP Newtown, PA

2339. Re: [acom-list] To the owners of linears using the 4CX800A tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-02 23:39:45 UTC
From: Barry
Topic: 2336 Message: 2339

Here's another one worth reading:
http://lists.contesting.com/archives//html/Towertalk/2003-04/msg00041.html

Barry wrote:
>
> Before anyone responds to this offer, you may want to review archives of
> the Towertalk reflector. I've never done business with K2QBV, but his
> call rang a bell. It appears a bunch of people sent him money for
> towers and had some issues with getting what they paid for. I did a
> little searching and came up with this old thread. I believe there are
> others, too:
> http://lists.contesting.com/archives//html/Towertalk/2001-01/msg00631.html
> <http://lists.contesting.com/archives//html/Towertalk/2001-01/msg00631.html>
>
> 73 and caveat emptor,
> Barry, W2UP
>
> jhk40 wrote:
> >
> >
> >
> > TO OWNERS OF LINEARS USING THE 4CX800A CERAMIC TUBES
> >
> > That's nice and all but no one is trying to establish a plan to
> > purchase this tube anywhere. Let me roll this one out to
> > everybody.....
> >
> > I need to know how many linear owners would like to purchase these
> > tubes as my company presently buys and sells electronics worldwide.
> > I will attempt to purchase from Europe a minimum of 100 4CX800A to
> > be sent to my office in the UK. If this is not going to work, I will
> > be asking one of our overseas trading partners to do the purchasing
> > for us in Europe. If there is some kind of game being played as to
> > not allow the US to purchase, this plan will overide that. Also the
> > pricing will be kept to a small percentage over cost if these tubes
> > ever come alive in the future from companies here.
> >
> > With the above in mind, I need to hear who would be interested in
> > future purchases? Hopefully in two weeks from now I would like to
> > obtain some idea what we're talking about in quanity.
> >
> > Again, this is just an idea....
> >
> > Joel, K2QBV
> > k2qbv@... <mailto:k2qbv%40optonline.net>

> <mailto:k2qbv%40optonline.net>
> >
> >
> > --
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.516 / Virus Database: 269.19.19/1256 - Release Date:
> 2/2/2008 1:50 PM
> >
>
> --
>
> Barry Kutner, W2UP Newtown, PA
>
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.19.19/1256 - Release Date: 2/2/2008 1:50 PM
>

--

Barry Kutner, W2UP Newtown, PA

2340. Re: [acom-list] Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 00:04:05 UTC
From: Paul M Dunphy
Topic: 2331 Message: 2340

At 06:06 PM 2/2/2008, you wrote:
>Here is the answer to your question #2
>
>If a person, no matter how qualified, kills or injures themselves
>in the process of re-tubing an ACOM or any other amplifier,
>there will be a string of attorneys chasing the money,.....
>it's called Liability......at least that is how
>it works in the U.S....not sure about Canada or other countries.
>
>73, Dennis N6KI

Hams have been changing tubes for 80-90 years. Since when did the liability issue come to the forefront? I know anyone can sue anyone in the US or Canada or anywhere else, but this is not a new technique, nor is it more or less dangerous with a 4CX800A than with any other kind of tube.

That is not the answer . . . for if it were we wouldn't be able to get 811As, 572Bs, 3-500Zs, 8877s, etc. RF Parts would not be in business. Whatever is going on is specific to the 4CX800A/GU74B tube.

73/DX Paul VE1DX

2341. Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 16:13:29 UTC
From: Dick Green
Topic: 2331 Message: 2341

I suspect this is part, if not all, of the reason Acom won't sell tubes unless you send the amp back to them for warranty repair. The 2000A requires the bias to be set when you change tubes. It's not a difficult procedure, but it does require the amp to be adjusted with the cover off and the interlocks defeated, exposing the customer to lethal high voltage.

The procedure is not in the manual. When my amp was new, and under warranty, I got a screen current fault that indicated a bad tube (probably damaged in shipment -- those screens are delicate.) Acom USA insisted on changing the tubes for me at their repair depot. Luckily for me, a few days later I was to attend a conference in Boston, which is only an hour away from Acom USA and two hours from my QTH. They met me at the hotel, picked up the amp, took it to the factory for repair, and returned it at the end of the day, repaired at no charge. Can't beat that for service! But most customers aren't located as close to Acom USA as I am.

It's interesting that instructions for adjusting the tube bias have been sent by Acom in Bulgaria to owners who asked for them. I would imagine this kills their liability protection, but perhaps the Bulgarians believe that would be Acom USA's problem.

I often wonder about the validity of keeping spares on hand. First, the life of these tubes is generally quite long in most amateur service. I'm an active contester and push my amps hard about 7-8 weekends a year. I guess that comes out to about 400 hours per year, much of which is spent transmitting at full power. In-between, they're not powered up unless I'm testing or chasing the last of the DX I need (done with that for the most part.) More than seven years after purchase, I'm still running the OEM tubes in the 2000A (well, one was replaced shortly after I got the amp.)

I'm also running the OEM tubes in my Alpha 87A, which is 12.5 years old. That amp is on my preferred run radio, so it gets pushed a lot harder than the Acom, which is used mostly for S&P. About 3-4 years ago, I started getting intermittent cathode current faults on the 87A, and identified the tube causing the problem. I bought a replacement Eimac 3CX800 from Alpha (expensive!) It was interesting that they didn't seem concerned that the tube might not match the good OEM tube. Not long after installing the new tube, I started getting serious power supply faults on the 87A. They were very intermittent and not the kind of faults you generally see with bad tubes -- or so I thought. The faults got worse and worse (should have been a clue), to the point where fuses would sometimes blow. Eventually, I ripped the amp apart and tested the HV and LV boards,

in some cases desoldering components to do so. I found no problems. By this time, the amp wouldn't start at all, or it would blow fuses immediately. I was sure the amp would have go back to Colorado.

Finally, it dawned on me that all the symptoms could be caused by tube arcs. The 87A fault checking isn't particularly good: it's not interrupt-driven, and the order of sensor checking can produce misleading faults. I removed both tubes and the amp started (it doesn't fault during warmup when the tubes are removed.) After that, it was a simple matter to determine which tube was bad, and it turned out to be the new one. Evidently, it was gassy when I received it, and the leak got progressively worse. I would have expected this to come to light during Alpha's checkout and gettering run, but perhaps they didn't actually do it (the company was under different ownership back then.) They took the tube back, verified the problem, and put in a warranty claim with Eimac. After a long wait, Eimac replaced the tube at no charge. The new one worked fine.

Not wanting to be without an amp while waiting for the warranty replacement, I retrieved the old OEM tube, which I had loaned to a friend for testing his Ten-Tec Titan amp (he hadn't gotten around to it yet.) I figured the occasional cathode current fault would be tolerable. The old tube worked perfectly in the amp, no longer causing filament current faults. My theory is that I didn't seat the tube properly in the socket when I was swapping tubes around to chase down another fault that turned out to be unrelated to the tubes. That OEM tube has been back in the amp and working fine ever since.

One other point. Is it a good idea to store spare tubes on the shelf for long periods of time? I've had bad experiences with 3-500Zs in this regard. My understanding is that the rubber seals dry out over time, and the tubes leak. The result, of course, is arcs. Are the 4CX800 and 3CX800 ceramic tubes subject to this? If so, then it makes more sense to get replacements with recent manufacture dates when and if you need them. Could be problematic for the Acom 2000A unless we can find a source for new (not NOS) Svetlana tubes.

Sorry for the long post. Sunday morning idle chat.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "Dennis Vernacchia" <n6ki73@...>
wrote:
>
> Here is the answer to your question #2
>
> If a person, no matter how qualified, kills or injures themselves
> in the process of re-tubing an ACOM or any other amplifier,
> there will be a string of attorneys chasing the money,.....
> it's called Liability......at least that is how
> it works in the U.S....not sure about Canada or other countries.

2342. Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 16:38:18 UTC
From: Brian A.
Topic: 2331 Message: 2342

Dick,

Yeah really great service if you can "drive it in".

The ACOM2000 I used to own had two faults (both bad tubes) when under warranty. It required shipping amp back (then $90 a pop, now probably much more. Insurance is the killer in the rate. Now they have addition charges for "heavy" and oversize as well). That's how the rest of the world lives.

ACOM did return it in a reasonable amount of time-- about a month. Shipping ate up almost 2 weeks of this.

I'm not complaining.

Too bad the 2000 didn't include 6M. I'd still be using it rather than a 1000.

73 de Brian/K3KO

--- In acom-list@yahoogroups.com, "Dick Green" <wc1m@...> wrote:
>
> The procedure is not in the manual. When my amp was new, and under
> warranty, I got a screen current fault that indicated a bad tube
> (probably damaged in shipment -- those screens are delicate.) Acom
> USA insisted on changing the tubes for me at their repair depot.
> Luckily for me, a few days later I was to attend a conference in
> Boston, which is only an hour away from Acom USA and two hours from
> my QTH. They met me at the hotel, picked up the amp, took it to the
> factory for repair, and returned it at the end of the day, repaired
> at no charge. Can't beat that for service! But most customers aren't
> located as close to Acom USA as I am.

2343. Re: [acom-list] Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 16:48:27 UTC
From: Barry N1EU
Topic: 2331 Message: 2343

Appreciate your comments Dick. I just wanted to briefly respond to two issues you mentioned:

1. "I often wonder about the validity of keeping spares on hand." I had a tube fail without any prior symptoms, one week before CQ WW. Luckily, I was able to "borrow" a spare from a fellow club member, who WAS prepared. The lesson is that I NEED to have spare finals on hand, especially when the replacement was eventually purchased overseas with a transit time of several weeks.

2. "Is it a good idea to store spare tubes on the shelf for long periods of time?" I've used NOS GU-74b's that sat on somebody's shelf for 30 years and they worked fine. So the potential of long shelf life is certainly there with these tubes. I test the spares, in the amp, when I receive them before putting them on the shelf. I see the spares as partly an insurance policy against premature failure of the tubes currently in the amp (which DOES happen), and not just as the next set of finals for the amp. If it was just the latter, I might delay purchase to minimize the time spent on the shelf.

73,
Barry N1EU

On Feb 3, 2008 4:13 PM, Dick Green <wc1m@...> wrote:
>
>
>
>
>
>
> I suspect this is part, if not all, of the reason Acom won't sell
> tubes unless you send the amp back to them for warranty repair. The
> 2000A requires the bias to be set when you change tubes. It's not a
> difficult procedure, but it does require the amp to be adjusted with
> the cover off and the interlocks defeated, exposing the customer to
> lethal high voltage.
>
> The procedure is not in the manual. When my amp was new, and under
> warranty, I got a screen current fault that indicated a bad tube
> (probably damaged in shipment -- those screens are delicate.) Acom
> USA insisted on changing the tubes for me at their repair depot.
> Luckily for me, a few days later I was to attend a conference in
> Boston, which is only an hour away from Acom USA and two hours from
> my QTH. They met me at the hotel, picked up the amp, took it to the
> factory for repair, and returned it at the end of the day, repaired
> at no charge. Can't beat that for service! But most customers aren't

> located as close to Acom USA as I am.
>
> It's interesting that instructions for adjusting the tube bias have
> been sent by Acom in Bulgaria to owners who asked for them. I would
> imagine this kills their liability protection, but perhaps the
> Bulgarians believe that would be Acom USA's problem.
>
> I often wonder about the validity of keeping spares on hand. First,
> the life of these tubes is generally quite long in most amateur
> service. I'm an active contester and push my amps hard about 7-8
> weekends a year. I guess that comes out to about 400 hours per year,
> much of which is spent transmitting at full power. In-between,
> they're not powered up unless I'm testing or chasing the last of the
> DX I need (done with that for the most part.) More than seven years
> after purchase, I'm still running the OEM tubes in the 2000A (well,
> one was replaced shortly after I got the amp.)
>
> I'm also running the OEM tubes in my Alpha 87A, which is 12.5 years
> old. That amp is on my preferred run radio, so it gets pushed a lot
> harder than the Acom, which is used mostly for S&P. About 3-4 years
> ago, I started getting intermittent cathode current faults on the
> 87A, and identified the tube causing the problem. I bought a
> replacement Eimac 3CX800 from Alpha (expensive!) It was interesting
> that they didn't seem concerned that the tube might not match the
> good OEM tube. Not long after installing the new tube, I started
> getting serious power supply faults on the 87A. They were very
> intermittent and not the kind of faults you generally see with bad
> tubes -- or so I thought. The faults got worse and worse (should have
> been a clue), to the point where fuses would sometimes blow.
> Eventually, I ripped the amp apart and tested the HV and LV boards,
> in some cases desoldering components to do so. I found no problems.
> By this time, the amp wouldn't start at all, or it would blow fuses
> immediately. I was sure the amp would have go back to Colorado.
>
> Finally, it dawned on me that all the symptoms could be caused by
> tube arcs. The 87A fault checking isn't particularly good: it's not
> interrupt-driven, and the order of sensor checking can produce
> misleading faults. I removed both tubes and the amp started (it
> doesn't fault during warmup when the tubes are removed.) After that,
> it was a simple matter to determine which tube was bad, and it turned
> out to be the new one. Evidently, it was gassy when I received it,
> and the leak got progressively worse. I would have expected this to
> come to light during Alpha's checkout and gettering run, but perhaps
> they didn't actually do it (the company was under different ownership
> back then.) They took the tube back, verified the problem, and put in
> a warranty claim with Eimac. After a long wait, Eimac replaced the
> tube at no charge. The new one worked fine.
>
> Not wanting to be without an amp while waiting for the warranty
> replacement, I retrieved the old OEM tube, which I had loaned to a

> friend for testing his Ten-Tec Titan amp (he hadn't gotten around to
> it yet.) I figured the occasional cathode current fault would be
> tolerable. The old tube worked perfectly in the amp, no longer
> causing filament current faults. My theory is that I didn't seat the
> tube properly in the socket when I was swapping tubes around to chase
> down another fault that turned out to be unrelated to the tubes. That
> OEM tube has been back in the amp and working fine ever since.
>
> One other point. Is it a good idea to store spare tubes on the shelf
> for long periods of time? I've had bad experiences with 3-500Zs in
> this regard. My understanding is that the rubber seals dry out over
> time, and the tubes leak. The result, of course, is arcs. Are the
> 4CX800 and 3CX800 ceramic tubes subject to this? If so, then it makes
> more sense to get replacements with recent manufacture dates when and
> if you need them. Could be problematic for the Acom 2000A unless we
> can find a source for new (not NOS) Svetlana tubes.
>
> Sorry for the long post. Sunday morning idle chat.
>
> 73, Dick WC1M
>

2344. Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 17:25:43 UTC
From: w9ac
Topic: 2331 Message: 2344

> I suspect this is part, if not all, of the reason Acom won't sell
> tubes unless you send the amp back to them for warranty repair.

I am an attorney and there are certainly ways to easily indemnify the seller from damages resulting from the negligent acts of the purchaser. I've heard the liability excuse before and it's prevalent in other industries, particularly with vendors in the consumer electronics market. More often than not, it's a great excuse to force the customer to seek assistance through the factory, or through a factory-authorized servicing agent. If an amp manufacturer is so concerned about direct, incidental and consequential damages relating to "user serviceable parts," then they better be more concerned about other factors that can result in damages when using their amplifiers.

When I owned my ACOM 2000A amps, I had several issues relating to faulty tubes during the warranty period. After one year of operation, the switching transistor responsible for the "3-stage" bias circuit had failed with a CE short. In each instance, ACOM walked me though their procedure to restore operation. At the time, they encouraged me to replace the tubes and set bias on my own.

So, unless there's been a significant, unified change in policy among amplifier manufacturers who use the Svetlana 4CX800A, I suspect the overarching reason for hoarding tube inventory is due to product scarcity. The economics dictate that they need to keep an adequate inventory on hand for new product manufacturing as well as to facilitate the fulfillment of warranty repairs. If the supply chain is erratic, they're forced to engage in this behavior.

Paul, W9AC

2345. Re: [acom-list] Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 17:30:15 UTC
From: Bill NY9H
Topic: 2331 Message: 2345

barry said:
> I test the spares, in the
>amp, when I receive them before putting them on the shelf.

when you did this, did you just pluck them in .... and let them cook for x;
then run them looking at what ??parameters to determine that they were ok....
and closely enough similar to run as a pair.

bill

and pardon my English.. (the only language I use)

2346. ACOM 4CX800 tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 17:32:07 UTC
From: npalex@bellsouth.net
Topic: 2346 Message: 2346

Joel, and ACOM Group Members
Joel, it is very coincidental that when I saw the issues regarding the 4CX800 tube availability I was going to write you to suggest the very offer you made below. I would be very interested in participating as well.

ACOM Group Members :
Now let me also comment to those reading this and other comments regarding Joel and his former association with towers. I have been a "customer" of Joel's and got my tower through his company. Most satisfactory in all respects. There is a long and somewhat involved story regarding the later problems with tower purchases. The problem with tower delivery lies at the source of the towers - made and broken promises at the source of manufacture unfortunately roll-up the chain to those marketing the product and taking the orders. I can attest that Joel put a lot of personal effort into trying to perform on those orders. Those issues were beyond his control, and you only have to look at the recent history of Tri-Ex ham towers to get some insight into the quagmire of responsibility and commitment that plagued those transactions.

I have the utmost faith in Joel's integrity and his desire to deliver as promised - If quantity buy is the leverage needed to obtain the 4CX800 spares, then I think Joel's offer is about as good as you can get.

Regards,
Norm W4QN

==========

TO OWNERS OF LINEARS USING THE 4CX800A CERAMIC TUBES

That's nice and all but no one is trying to establish a plan to purchase this tube anywhere. Let me roll this one out to everybody.....

I need to know how many linear owners would like to purchase these tubes as my company presently buys and sells electronics worldwide. I will attempt to purchase from Europe a minimum of 100 4CX800A to be sent to my office in the UK. If this is not going to work, I will be asking one of our overseas trading partners to do the purchasing for us in Europe. If there is some kind of game being played as to not allow the US to purchase, this plan will overide that. Also the pricing will be kept to a small percentage over cost if these tubes ever come alive in the future from companies here.

With the above in mind, I need to hear who would be interested in future purchases? Hopefully in two weeks from now I would like to obtain some idea what we're talking about in quanity.

Again, this is just an idea....

Joel, K2QBV
k2qbv@...

[Non-text portions of this message have been removed]

2347. Re: [acom-list] Re: Something doesn't add up

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 17:52:23 UTC
From: Barry N1EU
Topic: 2331 Message: 2347

On Feb 3, 2008 5:30 PM, Bill NY9H <ny9h@...> wrote:
> > I test the spares, in the
> >amp, when I receive them before putting them on the shelf.
>
> when you did this, did you just pluck them in .... and let them cook for x;
> then run them looking at what ??parameters to determine that they were
> ok....
> and closely enough similar to run as a pair.

I do pretty much what has been described before on the list. Off the top of my head - let them sit 8 hours or so on standby, set the idling current, and then operate with low drive and continue to make several qso's while slowly bringing up the drive. Once I'm operating, I continually monitor temperature of both tubes to make sure they stay fairly close, indicating a good match.

73,
Barry N1EU

2348. Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 18:31:55 UTC
From: Chris
Topic: 2348 Message: 2348

Did anyone read my previous post?

Svetlana 4CX800As are available. They are $434. The company I communicated with is the authorized world-wide distributor. They will ship to the U.S. They have stock and can ship next day. So somebody, please order one!

If you want a cheap 4CX800A, then you have troubles. Those days are gone.

Please, somebody. Buy a tube. Let's see what these guys deliver.

73,
Chris K9EQ

2349. Re: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 19:47:12 UTC
From: Hans Remeeus
Topic: 2348 Message: 2349

A couple of years ago I bought two brandnew, shining and original
Svetlana 4CX800A for 110 euro; that's about $150 for a pair...

Have a look at Anthony Welsh his site for worldwide distribution and
look for '4CX800A':
http://www.anthonywelsh.com/product_info.php?products_id=94
59,95 UK Pounds a piece. That's about $150.

New GU74b cost about 50-60 euro these days when you visit a radio
fleamarket in Europe. We buy them from East-European sellers. They are
not always on, but somewhere behind the table...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Chris schreef:
> Did anyone read my previous post?
>
> Svetlana 4CX800As are available. They are $434. The company I
> communicated with is the authorized world-wide distributor. They will
> ship to the U.S. They have stock and can ship next day. So somebody,
> please order one!
>
> If you want a cheap 4CX800A, then you have troubles. Those days are gone.
>
> Please, somebody. Buy a tube. Let's see what these guys deliver.
>
> 73,
> Chris K9EQ
>
>

2350. RE: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 21:03:58 UTC
From: Howard Klein
Topic: 2348 Message: 2350

Thanks Hans for the tip. I ordered 2 tubes. Price was quite reasonable but shipping was atrocious. Two tubes $235. Shipping a whopping $295. Still the best deal I know of from a reputable dealer. I'll let you know if this works.
73,
Howard > To: acom-list@yahoogroups.com> From: hans@...> Date: Sun, 3 Feb 2008 20:47:12 +0100> Subject: Re: [acom-list] Regarding tube availability....> > > A couple of years ago I bought two brandnew, shining and original > Svetlana 4CX800A for 110 euro; that's about $150 for a pair...> > Have a look at Anthony Welsh his site for worldwide distribution and > look for '4CX800A':> http://www.anthonywelsh.com/product_info.php?products_id=94> 59,95 UK Pounds a piece. That's about $150.> > New GU74b cost about 50-60 euro these days when you visit a radio > fleamarket in Europe. We buy them from East-European sellers. They are > not always on, but somewhere behind the table...> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus.eu> Communication is about people, the rest is technology.> > > >

[Non-text portions of this message have been removed]

2351. Re: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 21:14:26 UTC
From: Hans Remeeus
Topic: 2348 Message: 2351

Very good, Howard.

Anthony is for years a well-known and reliable address for tubes and
other parts.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Howard Klein schreef:
> Thanks Hans for the tip. I ordered 2 tubes. Price was quite reasonable
> but shipping was atrocious. Two tubes $235. Shipping a whopping $295.
> Still the best deal I know of from a reputable dealer. I'll let you know
> if this works.
> 73,
> Howard
>

2352. RE: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 21:14:13 UTC
From: N2TK
Topic: 2348 Message: 2352

Pse keep us posted as how this goes. Want to see if these are NEW 4CX800A's or NOS GU74B's.
Yes, the price seems reasonable for the tubes. But how come so much to ship? 5 lbs Express is $47.50 and Global Express is $116.00 to ship from NY to Great Britain. Is it that much going the other way?

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Howard Klein
Sent: Sunday, February 03, 2008 4:04 PM
To: acom-list@yahoogroups.com
Cc: hans@...
Subject: RE: [acom-list] Regarding tube availability....

Thanks Hans for the tip. I ordered 2 tubes. Price was quite reasonable but shipping was atrocious. Two tubes $235. Shipping a whopping $295. Still the best deal I know of from a reputable dealer. I'll let you know if this works.
73,
Howard > To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com> From: hans@remeeus. <mailto:hans%40remeeus.nl> nl> Date: Sun, 3 Feb 2008 20:47:12 +0100> Subject: Re: [acom-list] Regarding tube availability....> > > A couple of years ago I bought two brandnew, shining and original > Svetlana 4CX800A for 110 euro; that's about $150 for a pair...> > Have a look at Anthony Welsh his site for worldwide distribution and > look for '4CX800A':> http://www.anthonyw <http://www.anthonywelsh.com/product_info.php?products_id=94> elsh.com/product_info.php?products_id=94> 59,95 UK Pounds a piece. That's about $150.> > New GU74b cost about 50-60 euro these days when you visit a radio > fleamarket in Europe. We buy them from East-European sellers. They are > not always on, but somewhere behind the table...> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus. <http://www.remeeus.eu> eu> Communication is about people, the rest is technology.> > > >

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2353. RE: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 22:52:12 UTC
From: Howard Klein
Topic: 2348 Message: 2353

I'll surely keep the group posted. I have the same questions about the shipping but I guess in light of the new developments the total price is what to consider. Better than some other prices posted.
Howard..K2HK
[Non-text portions of this message have been removed]

2354. Re: [acom-list] Regarding tube availability....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-03 23:31:05 UTC
From: bmartn
Topic: 2348 Message: 2354

Here is one issue that I feel is rather important.... When I had a tube failure of one of my pair, it required fitting of several tubes before a good match was found. There were some significant differences between the tubes. With that said, what happens when you order up two tubes from some source only to find out that they are poorly matched? And then your front and rear temps are a way out of whack? At this time, my front and rear tubes are within about 1 to 2 degrees of each other with well matched tubes.

The best solution would be to do a group buy from a reputable source and then have someone match them to be sold in proper pairs. Plus if a bulk shipment was procured from someone as the supplier in England, the shipping costs would be greatly reduced. My suggestion is to have the supplier ship a larger quantity, with a quantity discount applied and then have someone on this side do the matching. Possibly Krassy would be able to provide such a service for a fee. He is the most qualified in my opinion to match the tubes for the Acom.

Bruce

K1XR

----- Original Message -----
From: "Howard Klein" <howk2@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, February 03, 2008 5:52 PM
Subject: RE: [acom-list] Regarding tube availability....

>
> I'll surely keep the group posted. I have the same questions about the
> shipping but I guess in light of the new developments the total price is
> what to consider. Better than some other prices posted.
> Howard..K2HK
> [Non-text portions of this message have been removed]
>
>

2355. Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 00:18:39 UTC
From: JOEL
Topic: 2355 Message: 2355

To owners of linears using the 4CX800A ceramix tubes.....
(first e mail sent February 2 concerning this request)

Tube matching, warranty, availability, price and when the GU74Bs were made, etc, etc, will all be part of the end result BEFORE anything is offered for any consideration to anybody. When we reach the quanity that we believe we need to purchase, the answers to all the questions will be forthcoming.

Right now I am purely exploring our options to purchase in sizeable quanity. At that point all answers to all questions will be obtained and passed along to those showing interest. The purchasing corporation here in the states is utilizing a continued 55-62% off the standard rate for world-wide air freight so shipping is not a problem. Hey, let's see what 100-200 4CX800A tubes are getting us first. We only want to know of your interest ONLY.

Joel, K2QBV
k2qbv@...

----- Original Message -----
From: bmartn
To: acom-list@yahoogroups.com
Sent: Sunday, February 03, 2008 6:31 PM
Subject: Re: [acom-list] Regarding tube availability....

Here is one issue that I feel is rather important.... When I had a tube failure of one of my pair, it required fitting of several tubes before a good match was found. There were some significant differences between the tubes. With that said, what happens when you order up two tubes from some source only to find out that they are poorly matched? And then your front and rear temps are a way out of whack? At this time, my front and rear tubes are within about 1 to 2 degrees of each other with well matched tubes.

The best solution would be to do a group buy from a reputable source and then have someone match them to be sold in proper pairs. Plus if a bulk shipment was procured from someone as the supplier in England, the shipping costs would be greatly reduced. My suggestion is to have the supplier ship a larger quantity, with a quantity discount applied and then have someone on this side do the matching. Possibly Krassy would be able to provide such a service for a fee. He is the most qualified in my opinion to match the tubes for the Acom.

Bruce

K1XR

----- Original Message -----
From: "Howard Klein" <howk2@...>

To: <acom-list@yahoogroups.com>
Sent: Sunday, February 03, 2008 5:52 PM
Subject: RE: [acom-list] Regarding tube availability....

>
> I'll surely keep the group posted. I have the same questions about the
> shipping but I guess in light of the new developments the total price is
> what to consider. Better than some other prices posted.
> Howard..K2HK
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

2356. Re: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 00:38:00 UTC
From: bmartn
Topic: 2355 Message: 2356

Joel,

I'd be interested in a matched pair if that is possible with your offer of a quantity purchase. Again, I might suggest someone as yourself work on the purchase of the tubes, and someone with the proper equipment to measure the tubes in order to make them available as matched sets. The warrantee issues would be a whole new area to consider in the event one of the two tubes in the pair proved to be defective within a short time of use.

From what I have been reading on the reflector over the past week or two, it appears I am not alone in having suffered a tube failure. Therefore it appears the probability of a failure is certainly within a reasonable expectation. At the price of these tubes, we need to have a mechanism in place to deal with such an event. And the second part of this thought pattern is that one doesn't usually discover a problem until the tubes have been installed and used in the amp for quite a few initial hours. So how do we deal with new tubes as spares when we have good working finals and making the switch to the spares requires the change out, recalibration of the voltages, and burn in for about 100 hours before we know they are good spares? If they were offered by a distributor who is authorized by the factory for sales and service, I suspect we would not have too much to be concerned with in terms of a failure. Do you think you would be able to have a warrantee that would be honored by the factory made available?

I know this is all a lot of posed what if's, but I am just throwing it out for thought.

Let me know your thoughts....

Bruce K1XR

----- Original Message -----
From: "JOEL" <K2QBV@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, February 03, 2008 7:18 PM
Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

>
> To owners of linears using the 4CX800A ceramix tubes.....
> (first e mail sent February 2 concerning this request)
>
> Tube matching, warranty, availability, price and when the GU74Bs were
> made, etc, etc, will all be part of the end result BEFORE anything is
> offered for any consideration to anybody. When we reach the quanity that

> we believe we need to purchase, the answers to all the questions will be
> forthcoming.
>
> Right now I am purely exploring our options to purchase in sizeable
> quanity. At that point all answers to all questions will be obtained and
> passed along to those showing interest. The purchasing corporation here
> in the states is utilizing a continued 55-62% off the standard rate for
> world-wide air freight so shipping is not a problem. Hey, let's see what
> 100-200 4CX800A tubes are getting us first. We only want to know of your
> interest ONLY.
>
>
> Joel, K2QBV
> k2qbv@...
>
>
>
>
>
> ----- Original Message -----
> From: bmartn
> To: acom-list@yahoogroups.com
> Sent: Sunday, February 03, 2008 6:31 PM
> Subject: Re: [acom-list] Regarding tube availability....
>
>
> Here is one issue that I feel is rather important.... When I had a tube
> failure of one of my pair, it required fitting of several tubes before a
> good match was found. There were some significant differences between the
> tubes. With that said, what happens when you order up two tubes from some
> source only to find out that they are poorly matched? And then your front
> and rear temps are a way out of whack? At this time, my front and rear
> tubes are within about 1 to 2 degrees of each other with well matched
> tubes.
>
> The best solution would be to do a group buy from a reputable source and
> then have someone match them to be sold in proper pairs. Plus if a bulk
> shipment was procured from someone as the supplier in England, the
> shipping
> costs would be greatly reduced. My suggestion is to have the supplier
> ship
> a larger quantity, with a quantity discount applied and then have someone
> on
> this side do the matching. Possibly Krassy would be able to provide such
> a
> service for a fee. He is the most qualified in my opinion to match the
> tubes for the Acom.
>
> Bruce
>

> K1XR
>
> ----- Original Message -----
> From: "Howard Klein" <howk2@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, February 03, 2008 5:52 PM
> Subject: RE: [acom-list] Regarding tube availability....
>
> >
> > I'll surely keep the group posted. I have the same questions about the
> > shipping but I guess in light of the new developments the total price
> is
> > what to consider. Better than some other prices posted.
> > Howard..K2HK
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
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>
>
> [Non-text portions of this message have been removed]
>
>

2357. GU74B tubes - year?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 00:55:47 UTC
From: N2TK
Topic: 2357 Message: 2357

Any idea what year these were made?
ry-746 0781 and ry-746 9102

Thanks,
N2TK, Tony

[Non-text portions of this message have been removed]

2358. Re: [acom-list] GU74B tubes - year?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 01:03:49 UTC
From: JOEL
Topic: 2357 Message: 2358

Sorry, no.... I'm a new ACOM 2000A owner with a background in international marketing and overseas procurement. I can't tell you too much about dates, etc.

Joel, K2QBV

----- Original Message -----
From: N2TK
To: acom-list@yahoogroups.com
Sent: Sunday, February 03, 2008 7:55 PM
Subject: [acom-list] GU74B tubes - year?

Any idea what year these were made?
ry-746 0781 and ry-746 9102

Thanks,
N2TK, Tony

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2359. Re: [acom-list] GU74B tubes - year?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 01:31:24 UTC
From: Bill Dzurilla
Topic: 2357 Message: 2359

I can't tell you when they were made, but"ry-746" is
GU-74b in the Russian alphabet.
73, Bill NZ5N

> ----- Original Message -----
> From: N2TK
> To: acom-list@yahoogroups.com
> Sent: Sunday, February 03, 2008 7:55 PM
> Subject: [acom-list] GU74B tubes - year?
>
>
> Any idea what year these were made?
> ry-746 0781 and ry-746 9102
>
> Thanks,
> N2TK, Tony
>

Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

2360. Re: [acom-list] GU74B tubes - year?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 07:32:01 UTC
From: Hans Remeeus
Topic: 2357 Message: 2360

I think: July 1981 and February 1991.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

N2TK schreef:
> Any idea what year these were made?
> ry-746 0781 and ry-746 9102
>
> Thanks,
> N2TK, Tony
>

2361. Re: GU74B tubes - year?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 14:39:55 UTC
From: Ken
Topic: 2357 Message: 2361

It appears to me that sending the amp to service center may be the best thing to do. Keep an old boat anchor amp around for a failure of the primary amp. That seems easier than chasing matched tubes and adjusting bias.

Ken

[Non-text portions of this message have been removed]

2362. Seals, HV, etc.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 14:53:00 UTC
From: Hal Kennedy
Topic: 2362 Message: 2362

3-500Zs, 4CX800s and other such tubes do not have rubber seals, they have glass-to-metal seals which will hold up leak-free longer than any of us will. You can buy a used type 01A tube made in 1920 and it still holds its vacuum - it was made nearly 90 years ago with plain-old glass-to-metal seals.

Chinese-made and Russian-made tubes have inferior getter technology compared to US tubes. As such, the getters un-get over time - they return the gas molecules (oxygen is the big concern) they 'got' back into the tube. Restoring the tubes is easy, per the procedure provided here a month ago.

You are not exposed to HV when you replace the tubes or set the bias on an ACOM 2000A. While changing the tube(s) with the cover off, the HV is shorted by one interlock and the AC line is interrupted by another - you are safe. After changing the tube(s), the cover is placed back on with the front panel tilted forward, exposing only the bias pots and low voltage microprocessor components. You can't hurt yourself and liability is not the issue. The procedure is available from ACOM if you ask.

ACOM simply wants to keep people who don't know much from rummaging around inside the amp, particularly while it's under warrantee - a legitimate concern.

Hal, N4GG

[Non-text portions of this message have been removed]

2363. ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 16:39:54 UTC
From: ea4kd@ea4kd.com
Topic: 2363 Message: 2363

Hello to everybody;

Since last Friday my ACOM 2000A (3 ? years old) gives the next message: "+5V TOO HIGH: 6 V". I have written to ACOM and still waiting for the answer. Following the manual I have verified the voltage at home (220 V.) and the inside ACOM?s selector (240 V.). Everything seems to be correct and I don?t know where must to start look for the problem. Somebody has this problem or heard about this?.

Thanks in advance.

Pedro, EA 4 KD

2364. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 16:52:18 UTC
From: Paul Christensen
Topic: 2363 Message: 2364

> "Since last Friday my ACOM 2000A (3 ½ years old) gives the next message: "+5V TOO HIGH: 6 V."

Pedro:

I had a similar fault with my 2000A several years ago and in my case, one of the tubes had an open filament. The open filament resulted in the filament supply rail going high, above the normal value and thus the fault.

First, check to ensure than neither 4CX800A filament has opened. Only if you are comfortable in troubleshooting the amp with voltage applied, verify the DC filament voltage value directly at the tube pins.

Standard safety precautions apply when servicing any amplifier with mains connected. If in doubt, leave it to ACOM Service for repair.

Paul, W9AC

[Non-text portions of this message have been removed]

2365. Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 18:35:42 UTC
From: iv3yer
Topic: 1393 Message: 2365

pse see this link...73's

http://nuke.iv3yer.com/Acom1000/tabid/94/Default.aspx

2366. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 19:20:39 UTC
From: Hans Remeeus
Topic: 1393 Message: 2366

Excellent done; my compliments!

I never knew that Andr? Rieu had an Acom 1000...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

iv3yer schreef:
> pse see this link...73's
>
> http://nuke.iv3yer.com/Acom1000/tabid/94/Default.aspx
>

2367. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 19:40:44 UTC
From: Bill NY9H
Topic: 2363 Message: 2367

could he not just feel above the tubes to see if
the heat is coming from both stacks???????

bill

At 10:52 AM 2/4/2008, you wrote:
> > "Since last Friday my ACOM 2000A (3 ½ years
> old) gives the next message: "+5V TOO HIGH: 6 V."
>
>Pedro:
>
>I had a similar fault with my 2000A several
>years ago and in my case, one of the tubes had
>an open filament. The open filament resulted in
>the filament supply rail going high, above the
>normal value and thus the fault.
>
>First, check to ensure than neither 4CX800A
>filament has opened. Only if you are
>comfortable in troubleshooting the amp with
>voltage applied, verify the DC filament voltage
>value directly at the tube pins.
>
>Standard safety precautions apply when servicing
>any amplifier with mains connected. If in
>doubt, leave it to ACOM Service for repair.
>
>Paul, W9AC
>
>[Non-text portions of this message have been removed]
>
>
>
>
>Yahoo! Groups Links
>
>
>

2368. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 19:53:48 UTC
From: Paul Christensen
Topic: 2363 Message: 2368

> "could he not just feel above the tubes to see if
the heat is coming from both stacks???????

Bill,

That assumes the amp says on long enough to generate any heat from the tubes.

In my case, the fault was generated within seconds of powering-up the amp and the amp immediately shut down. If the amp does in fact stay on long enough, I believe the LM35 temp sensors (or what appear to be LM35s) can also be used to sense individual tube temperature. That would certainly provide a good data point.

Paul, W9AC

[Non-text portions of this message have been removed]

2369. Re: [acom-list] Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 19:55:41 UTC
From: pe1hwo
Topic: 1393 Message: 2369

You might have missed the connotation to the movie 2001 : A Space Odyssey 1968 by Stanley Kubrick.

Well done Luigi!

73 Andr? pe1hwo

----- Original Message -----
From: "Hans Remeeus" <hans@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, February 04, 2008 8:20 PM
Subject: Re: [acom-list] Acom 1000

>
> Excellent done; my compliments!
>
> I never knew that Andr? Rieu had an Acom 1000...
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
>
> iv3yer schreef:
>> pse see this link...73's
>>
>> http://nuke.iv3yer.com/Acom1000/tabid/94/Default.aspx

2370. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 20:24:06 UTC
From: EA4KD, Pedro
Topic: 2363 Message: 2370

Yes Paul, here the problem it´s after three or four seconds after the warm up.

Pedro, EA 4 KD

----- Original Message -----
From: Paul Christensen
To: acom-list@yahoogroups.com
Sent: Monday, February 04, 2008 8:53 PM
Subject: Re: [acom-list] ACOM 2000A Failure +5V

> "could he not just feel above the tubes to see if
the heat is coming from both stacks???????

Bill,

That assumes the amp says on long enough to generate any heat from the tubes.

In my case, the fault was generated within seconds of powering-up the amp and the amp immediately shut down. If the amp does in fact stay on long enough, I believe the LM35 temp sensors (or what appear to be LM35s) can also be used to sense individual tube temperature. That would certainly provide a good data point.

Paul, W9AC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2371. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 20:57:01 UTC
From: Paul Christensen
Topic: 2363 Message: 2371

> "Yes Paul, here the problem it´s after three or four seconds after the warm up.
Pedro, EA4KD"

Then my money is definitely on an open tube filament if the fault is now showing high F voltage. The 2000A is smart enough to quickly check tube parameters shortly after main power is applied. The logic is designed to prevent collateral damage of related circuitry and components in the event of a fault.

As I recall, the logic works so fast that it may not even give the alternate tube any time to warm up at all when an open filament is sensed on one of the two tubes.

Paul, W9AC

[Non-text portions of this message have been removed]

2372. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 21:26:09 UTC
From: EA4KD, Pedro
Topic: 2363 Message: 2372

Paul; but I was thinking that the filament voltage of a GU74B it´s 12,6 V. isn´t it?.

Pedro.

----- Original Message -----
From: Paul Christensen
To: acom-list@yahoogroups.com
Sent: Monday, February 04, 2008 9:57 PM
Subject: Re: [acom-list] ACOM 2000A Failure +5V

> "Yes Paul, here the problem it´s after three or four seconds after the warm up.
Pedro, EA4KD"

Then my money is definitely on an open tube filament if the fault is now showing high F voltage. The 2000A is smart enough to quickly check tube parameters shortly after main power is applied. The logic is designed to prevent collateral damage of related circuitry and components in the event of a fault.

As I recall, the logic works so fast that it may not even give the alternate tube any time to warm up at all when an open filament is sensed on one of the two tubes.

Paul, W9AC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2373. Re: [acom-list] ACOM 2000A Failure +5V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-04 21:34:49 UTC
From: Paul Christensen
Topic: 2363 Message: 2373

Pedro:

I had to go back to your original message. Another suspect is the +5VDC regulator has failed. I had thought the error message was filament V related. But, based on the error text, I would also focus on + 5VDC regulator failure and/or adjustment.

Paul, W9AC

[Non-text portions of this message have been removed]

2374. Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-07 10:32:13 UTC
From: aa2mf
Topic: 2355 Message: 2374

Has any progress been made in regards to obtaining 4CX800A tubes ?
Rich AA2MF

--- In acom-list@yahoogroups.com, "bmartn" <bmarton@...> wrote:
>
> Joel,
>
> I'd be interested in a matched pair if that is possible with your offer of a
> quantity purchase. Again, I might suggest someone as yourself work on the
> purchase of the tubes, and someone with the proper equipment to measure the
> tubes in order to make them available as matched sets. The warrantee issues
> would be a whole new area to consider in the event one of the two tubes in
> the pair proved to be defective within a short time of use.
>
> From what I have been reading on the reflector over the past week or two, it
> appears I am not alone in having suffered a tube failure. Therefore it
> appears the probability of a failure is certainly within a reasonable
> expectation. At the price of these tubes, we need to have a mechanism in
> place to deal with such an event. And the second part of this thought
> pattern is that one doesn't usually discover a problem until the tubes have
> been installed and used in the amp for quite a few initial hours. So how do
> we deal with new tubes as spares when we have good working finals and making
> the switch to the spares requires the change out, recalibration of the
> voltages, and burn in for about 100 hours before we know they are good
> spares? If they were offered by a distributor who is authorized by the
> factory for sales and service, I suspect we would not have too much to be
> concerned with in terms of a failure. Do you think you would be

able to
> have a warrantee that would be honored by the factory made
available?
>
> I know this is all a lot of posed what if's, but I am just
throwing it out
> for thought.
>
>
> Let me know your thoughts....
>
> Bruce K1XR
>
> ----- Original Message -----
> From: "JOEL" <K2QBV@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, February 03, 2008 7:18 PM
> Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a
CERAMIC
> TUBES.
>
>
> >
> > To owners of linears using the 4CX800A ceramix tubes.....
> > (first e mail sent February 2 concerning this request)
> >
> > Tube matching, warranty, availability, price and when the GU74Bs
were
> > made, etc, etc, will all be part of the end result BEFORE
anything is
> > offered for any consideration to anybody. When we reach the
quanity that
> > we believe we need to purchase, the answers to all the
questions will be
> > forthcoming.
> >
> > Right now I am purely exploring our options to purchase in
sizeable
> > quanity. At that point all answers to all questions will be
obtained and
> > passed along to those showing interest. The purchasing
corporation here
> > in the states is utilizing a continued 55-62% off the standard
rate for
> > world-wide air freight so shipping is not a problem. Hey,
let's see what
> > 100-200 4CX800A tubes are getting us first. We only want to
know of your
> > interest ONLY.
> >

> >
> > Joel, K2QBV
> > k2qbv@...
> >
> >
> >
> >
> >
> > ----- Original Message -----
> > From: bmartn
> > To: acom-list@yahoogroups.com
> > Sent: Sunday, February 03, 2008 6:31 PM
> > Subject: Re: [acom-list] Regarding tube availability....
> >
> >
> > Here is one issue that I feel is rather important.... When I
had a tube
> > failure of one of my pair, it required fitting of several tubes
before a
> > good match was found. There were some significant differences
between the
> > tubes. With that said, what happens when you order up two tubes
from some
> > source only to find out that they are poorly matched? And then
your front
> > and rear temps are a way out of whack? At this time, my front
and rear
> > tubes are within about 1 to 2 degrees of each other with well
matched
> > tubes.
> >
> > The best solution would be to do a group buy from a reputable
source and
> > then have someone match them to be sold in proper pairs. Plus
if a bulk
> > shipment was procured from someone as the supplier in England,
the
> > shipping
> > costs would be greatly reduced. My suggestion is to have the
supplier
> > ship
> > a larger quantity, with a quantity discount applied and then
have someone
> > on
> > this side do the matching. Possibly Krassy would be able to
provide such
> > a
> > service for a fee. He is the most qualified in my opinion to
match the
> > tubes for the Acom.

> >
> > Bruce
> >
> > K1XR
> >
> > ----- Original Message -----
> > From: "Howard Klein" <howk2@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Sunday, February 03, 2008 5:52 PM
> > Subject: RE: [acom-list] Regarding tube availability....
> >
> > >
> > > I'll surely keep the group posted. I have the same questions
about the
> > > shipping but I guess in light of the new developments the
total price
> > is
> > > what to consider. Better than some other prices posted.
> > > Howard..K2HK
> > > [Non-text portions of this message have been removed]
> > >
> > >
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> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

2375. 2000a and IC756Pro3

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-07 16:37:48 UTC
From: Geir Øyvind Eriksen
Topic: 2355 Message: 2375

Hi i have an Acom 2000A and IC756 Pro3 and a microkeyer II

And wonder how It can be connected?

now I only have key out connected to the Pro3

but there is also an Pa ptt on the microkeyer is that one to prefer ?

sometimes I get ALC fail when starting to transmit but it goes away when putting the mp in opr again

happens often I think?

LA5SJA Geir

Fra: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] På vegne av aa2mf
Sendt: 7. februar 2008 11:32
Til: acom-list@yahoogroups.com
Emne: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

Has any progress been made in regards to obtaining 4CX800A tubes ?
Rich AA2MF

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> , "bmartn" <bmarton@...> wrote:
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> Joel,
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> I'd be interested in a matched pair if that is possible with your offer of a
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> tubes in order to make them available as matched sets. The warrantee issues
> would be a whole new area to consider in the event one of the two tubes in
> the pair proved to be defective within a short time of use.
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> From what I have been reading on the reflector over the past week or two, it
> appears I am not alone in having suffered a tube failure. Therefore it
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reasonable
> expectation. At the price of these tubes, we need to have a
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> place to deal with such an event. And the second part of this
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> pattern is that one doesn't usually discover a problem until the
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> been installed and used in the amp for quite a few initial hours.
So how do
> we deal with new tubes as spares when we have good working finals
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available?
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> I know this is all a lot of posed what if's, but I am just
throwing it out
> for thought.
>
>
> Let me know your thoughts....
>
> Bruce K1XR
>
> ----- Original Message -----
> From: "JOEL" <K2QBV@...>
> To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> >
> Sent: Sunday, February 03, 2008 7:18 PM
> Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a
CERAMIC
> TUBES.
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> > Joel, K2QBV
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> > To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> > Sent: Sunday, February 03, 2008 6:31 PM
> > Subject: Re: [acom-list] Regarding tube availability....
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> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

> >
>

[Non-text portions of this message have been removed]

2376. Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC TUBES.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-11 16:16:30 UTC
From: pa7two
Topic: 2355 Message: 2376

Rich,

eBay and PayPal are your friends I suppose? Multiple descriptions on
how to proceed to recondition the NOS tubes in ACOM amps were provided
via this group, so is there anything missing?
I mean if you wait long enough, no NOS tubes left on eBay or against
ridiculous high prices? Have fun with bidding :-)

Vy 73, de Kees

--- In acom-list@yahoogroups.com, "aa2mf" <aa2mf@...> wrote:
>
> Has any progress been made in regards to obtaining 4CX800A tubes ?
> Rich AA2MF
>
> --- In acom-list@yahoogroups.com, "bmartn" <bmarton@> wrote:
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> > Let me know your thoughts....
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> > Bruce K1XR
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> > Sent: Sunday, February 03, 2008 7:18 PM
> > Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a
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> let's see what
> > > 100-200 4CX800A tubes are getting us first. We only want to
> know of your
> > > interest ONLY.
> > >
> > >
> > > Joel, K2QBV
> > > k2qbv@
> > >
> > >
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: bmartn
> > > To: acom-list@yahoogroups.com
> > > Sent: Sunday, February 03, 2008 6:31 PM
> > > Subject: Re: [acom-list] Regarding tube availability....
> > >
> > >
> > > Here is one issue that I feel is rather important.... When I
> had a tube
> > > failure of one of my pair, it required fitting of several tubes
> before a
> > > good match was found. There were some significant differences
> between the
> > > tubes. With that said, what happens when you order up two tubes
> from some
> > > source only to find out that they are poorly matched? And then
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> > > and rear temps are a way out of whack? At this time, my front
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> > > tubes are within about 1 to 2 degrees of each other with well
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> > > The best solution would be to do a group buy from a reputable
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> > > then have someone match them to be sold in proper pairs. Plus
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> > > shipment was procured from someone as the supplier in England,
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> > > costs would be greatly reduced. My suggestion is to have the
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> > > ship
> > > a larger quantity, with a quantity discount applied and then
> have someone
> > > on
> > > this side do the matching. Possibly Krassy would be able to
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> > > a
> > > service for a fee. He is the most qualified in my opinion to
> match the
> > > tubes for the Acom.
> > >
> > > Bruce
> > >
> > > K1XR
> > >
> > > ----- Original Message -----
> > > From: "Howard Klein" <howk2@>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Sunday, February 03, 2008 5:52 PM
> > > Subject: RE: [acom-list] Regarding tube availability....
> > >
> > > >
> > > > I'll surely keep the group posted. I have the same questions
> about the
> > > > shipping but I guess in light of the new developments the
> total price
> > > is
> > > > what to consider. Better than some other prices posted.
> > > > Howard..K2HK
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
>

2377. Re: 2000a and IC756Pro3

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-12 20:34:47 UTC
From: edctexas
Topic: 2355 Message: 2377

I run the same combination 756p3, acom 2K, and MK1 and MK2. I run the MK PA PTT out to the ACOM. You can set a PTT delay in the MK. This works to key the amp, then the radio on any keying operation going thru the MK. The microphone keying on SSB must go from the mike to the MK to get this. I think you will be happy with this setup. Any questions like this one might be posted to the microham yahoo group.

Regards Ed KE3D

-- In acom-list@yahoogroups.com, Geir Øyvind Eriksen <geireri@...> wrote:
>
> Hi i have an Acom 2000A and IC756 Pro3 and a microkeyer II
>
> And wonder how It can be connected?
>
> now I only have key out connected to the Pro3
>
> but there is also an Pa ptt on the microkeyer is that one to prefer ?
>
> sometimes I get ALC fail when starting to transmit but it goes away
when
> putting the mp in opr again
>
> happens often I think?
>
>
>
> LA5SJA Geir
>
>
>
>
>
> Fra: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] På
vegne
> av aa2mf
> Sendt: 7. februar 2008 11:32
> Til: acom-list@yahoogroups.com
> Emne: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC
> TUBES.
>
>
>
> Has any progress been made in regards to obtaining 4CX800A tubes ?
> Rich AA2MF

>
> --- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> ,
> "bmartn" <bmarton@> wrote:
> >
> > Joel,
> >
> > I'd be interested in a matched pair if that is possible with your
> offer of a
> > quantity purchase. Again, I might suggest someone as yourself
> work on the
> > purchase of the tubes, and someone with the proper equipment to
> measure the
> > tubes in order to make them available as matched sets. The
> warrantee issues
> > would be a whole new area to consider in the event one of the two
> tubes in
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> > From what I have been reading on the reflector over the past week
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> > appears I am not alone in having suffered a tube failure.
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> > been installed and used in the amp for quite a few initial hours.
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> much to be
> > concerned with in terms of a failure. Do you think you would be
> able to
> > have a warrantee that would be honored by the factory made
> available?
> >
> > I know this is all a lot of posed what if's, but I am just
> throwing it out
> > for thought.

> >
> >
> > Let me know your thoughts....
> >
> > Bruce K1XR
> >
> > ----- Original Message -----
> > From: "JOEL" <K2QBV@>
> > To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> >
> > Sent: Sunday, February 03, 2008 7:18 PM
> > Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a
> CERAMIC
> > TUBES.
> >
> >
> > >
> > > To owners of linears using the 4CX800A ceramix tubes.....
> > > (first e mail sent February 2 concerning this request)
> > >
> > > Tube matching, warranty, availability, price and when the GU74Bs
> were
> > > made, etc, etc, will all be part of the end result BEFORE
> anything is
> > > offered for any consideration to anybody. When we reach the
> quanity that
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> > > Joel, K2QBV
> > > k2qbv@
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> > >

> > >
> > > ----- Original Message -----
> > > From: bmartn
> > > To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> > > Sent: Sunday, February 03, 2008 6:31 PM
> > > Subject: Re: [acom-list] Regarding tube availability....
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> match the
> > > > tubes for the Acom.
> > > >
> > > > Bruce
> > > >
> > > > K1XR
> > > >
> > > > ----- Original Message -----
> > > > From: "Howard Klein" <howk2@>

> > > To: <acom-list@yahoogroups.com
<mailto:acom-list%40yahoogroups.com> >
> > > Sent: Sunday, February 03, 2008 5:52 PM
> > > Subject: RE: [acom-list] Regarding tube availability....
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> > > > [Non-text portions of this message have been removed]
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> > >
> > > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

2378. R: [acom-list] Re: 2000a and IC756Pro3

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-12 21:32:23 UTC
From: iv3yer
Topic: 2355 Message: 2378

http://nuke.iv3yer.com/Acom2000/tabid/122/Default.aspx

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto
di edctexas
Inviato: martedì 12 febbraio 2008 21.35
A: acom-list@yahoogroups.com
Oggetto: [acom-list] Re: 2000a and IC756Pro3

I run the same combination 756p3, acom 2K, and MK1 and MK2. I run the
MK PA PTT out to the ACOM. You can set a PTT delay in the MK. This
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the MK to get this. I think you will be happy with this setup. Any
questions like this one might be posted to the microham yahoo group.

Regards Ed KE3D

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Øyvind Eriksen <geireri@...> wrote:
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> Hi i have an Acom 2000A and IC756 Pro3 and a microkeyer II
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> And wonder how It can be connected?
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> now I only have key out connected to the Pro3
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> Fra: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] På
vegne
> av aa2mf
> Sendt: 7. februar 2008 11:32
> Til: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Emne: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a CERAMIC
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> > ----- Original Message -----
> > From: "JOEL" <K2QBV@>
> > To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com> >
> > Sent: Sunday, February 03, 2008 7:18 PM
> > Subject: [acom-list] Re:TO THE OWNERS OF LINEARS USING THE 4CX800a
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> > > Joel, K2QBV
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> > >
> > >
> > > ----- Original Message -----
> > > From: bmartn
> > > To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> > > Sent: Sunday, February 03, 2008 6:31 PM
> > > Subject: Re: [acom-list] Regarding tube availability....
> > >
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> > > Bruce
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> > > K1XR
> > >
> > > ----- Original Message -----
> > > From: "Howard Klein" <howk2@>
> > > To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com> >
> > > Sent: Sunday, February 03, 2008 5:52 PM
> > > Subject: RE: [acom-list] Regarding tube availability....
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> > > > [Non-text portions of this message have been removed]
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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_____ Informazione NOD32 2870 (20080212) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

2379. Re: R: [acom-list] Re: 2000a and IC756Pro3

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-13 07:26:15 UTC
From: Hans Remeeus
Topic: 2355 Message: 2379

Very good, Maggi!

You have done a wonderful job!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

iv3yer schreef:
> http://nuke.iv3yer.com/Acom2000/tabid/122/Default.aspx
>
> 73's Luigi
>
> **********
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector
>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>

2380. (no subject)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-15 22:12:41 UTC
From: Howard Klein
Topic: 2380 Message: 2380

Well guys strike Anthony Welsh as a source of the 8CX800A's. My payment was refunded today and the note stated they no longer carry the tube.

Howard..K2HK

[Non-text portions of this message have been removed]

2381. Re: [acom-list]

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-16 08:43:37 UTC
From: Hans Remeeus
Topic: 2380 Message: 2381

That's too bad.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Howard Klein schreef:
> Well guys strike Anthony Welsh as a source of the 8CX800A's. My payment was refunded today and the note stated they no longer carry the tube.
>
> Howard..K2HK
>
>
>

2382. Flex Radio and Acom Amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-22 00:30:56 UTC
From: turbosnick
Topic: 2382 Message: 2382

I own a Acom 1000 and have been considering a Flex 5000 Radio. Does anyone have any experience with an Acom Amp and Flex Radio?

Thanks,
Randy
N4ZAZ

2383. Re: [acom-list] Flex Radio and Acom Amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-22 00:57:29 UTC
From: Neal Campbell
Topic: 2382 Message: 2383

I do (a 2000a) and it works great, What do you want to know?

Neal k3nc

On Thu, Feb 21, 2008 at 7:30 PM, turbosnick <n4zaz@...> wrote:
> I own a Acom 1000 and have been considering a Flex 5000 Radio. Does
> anyone have any experience with an Acom Amp and Flex Radio?
>
> Thanks,
> Randy
> N4ZAZ
>
>
>
>
> Yahoo! Groups Links
>
>
>
>

--
Neal Campbell
Abroham Neal Software
Programming Services for Windows, OS X and Linux
(540) 242 0911

Try Spot for OS X, the intelligent DXCluster Client at
www.abrohamnealsoftware.com

For a great dog book, visit www.abrohamneal.com

2384. Re: Flex Radio and Acom Amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-22 03:20:05 UTC
From: turbosnick
Topic: 2382 Message: 2384

Neal,
Thanks for the response. First, I just wanted to know someone is
doing it successfully. Also, an RF feedback problems? I currently use
my Acom with a Icom 756 Pro3. Anything unusual about the connection
or interface?

I appreciate the insight.

Randy
N4ZAZ

--- In acom-list@yahoogroups.com, "Neal Campbell" <nealk3nc@...>
wrote:
>
> I do (a 2000a) and it works great, What do you want to know?
>
> Neal k3nc
>
> On Thu, Feb 21, 2008 at 7:30 PM, turbosnick <n4zaz@...> wrote:
> > I own a Acom 1000 and have been considering a Flex 5000 Radio.
Does
> > anyone have any experience with an Acom Amp and Flex Radio?
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> > Thanks,
> > Randy
> > N4ZAZ
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> >
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> >
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> >
> >
> >
> > --
> Neal Campbell
> Abroham Neal Software
> Programming Services for Windows, OS X and Linux
> (540) 242 0911
> --
-
> Try Spot for OS X, the intelligent DXCluster Client at

> www.abrohamnealsoftware.com
>
> For a great dog book, visit www.abrohamneal.com
>

2385. Any news regarding tube replacements?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 02:08:29 UTC
From: kamarty456
Topic: 2385 Message: 2385

I was wondering if anyone has had any success in obtaining matched pairs of the gu74b/4cx800a tube?

Also There seems to be some misinformation regarding anticipated tube life. I have seen numbers such as: 1500hrs, 3000hrs, 5000hrs, and 10,000hrs. Can anyone provide an accurate life expectancy? Let's say someone using the tubes conservatively and not abusing them as the measure for tube life.

Marty, KA7GKN

2386. Re: [acom-list] Any news regarding tube replacements?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 02:40:42 UTC
From: John Peters
Topic: 2385 Message: 2386

I think there is simply NO WAY TO KNOW since it depends on how you operate the tube. I used to get several years ON 24/7, 365 days per year from Eimac 4CX1000A. I got several years same condx from Eimac 3CX800A7. I expect to get several years from the tubes in the ACOM 2000A with filaments constantly on.

By the time I expect to need replacements I can probably get them from ACOM as a matched set.

73 John K1ER
----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, February 23, 2008 4:08 PM
Subject: [acom-list] Any news regarding tube replacements?

I was wondering if anyone has had any success in obtaining matched pairs of the gu74b/4cx800a tube?

Also There seems to be some misinformation regarding anticipated tube life. I have seen numbers such as: 1500hrs, 3000hrs, 5000hrs, and 10,000hrs. Can anyone provide an accurate life expectancy? Let's say someone using the tubes conservatively and not abusing them as the measure for tube life.

Marty, KA7GKN

[Non-text portions of this message have been removed]

2387. Re: [acom-list] Any news regarding tube replacements?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 02:49:17 UTC
From: JOEL
Topic: 2385 Message: 2387

I'm working on the 4CX800A with the manufacturer now. Expect to have some answer in ten days. So far, I only have 49 requests on the future list for the GU74B tube. Don't forget, I used to do a lot of business in Europe so lets see how this plays out.

Joel, K2QBV

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, February 23, 2008 9:08 PM
Subject: [acom-list] Any news regarding tube replacements?

I was wondering if anyone has had any success in obtaining matched pairs of the gu74b/4cx800a tube?

Also There seems to be some misinformation regarding anticipated tube life. I have seen numbers such as: 1500hrs, 3000hrs, 5000hrs, and 10,000hrs. Can anyone provide an accurate life expectancy? Let's say someone using the tubes conservatively and not abusing them as the measure for tube life.

Marty, KA7GKN

[Non-text portions of this message have been removed]

2388. acom 2000 youtube video

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 09:15:46 UTC
From: iv3yer
Topic: 2388 Message: 2388

http://it.youtube.com/watch?v=o9PFQ5OSp7k

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

[Non-text portions of this message have been removed]

2389. Re: [acom-list] acom 2000 youtube video

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 13:17:19 UTC
From: Hans Remeeus
Topic: 2388 Message: 2389

UFB!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

iv3yer schreef:
> http://it.youtube.com/watch?v=o9PFQ5OSp7k
>
>
>
>
>
> 73's Luigi
>
> ************************
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector
>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> ************************
>
>

2390. RE: [acom-list] acom 2000 youtube video

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 13:20:21 UTC
From: Kees - pa7two
Topic: 2388 Message: 2390

VERY impressive!

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: IV3YER@...
Date: Sun, 24 Feb 2008 10:15:46 +0100
Subject: [acom-list] acom 2000 youtube video

http://it.youtube.com/watch?v=o9PFQ5OSp7k

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

[Non-text portions of this message have been removed]

Shed those extra pounds with MSN and The Biggest Loser!
http://biggestloser.msn.com/

[Non-text portions of this message have been removed]

2391. Easy check of GU-74b?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 13:34:58 UTC
From: Bill Dzurilla
Topic: 2388 Message: 2391

All the talk of tube scarcity scared me into buying a
pair of spare finals on eBay, and the tubes arrived
yesterday. I'm not interested in taking apart my amp
just to test the tubes.

Are there any easy checks I can perform to check the
tubes before putting them on the shelf for future use?

73, Bill NZ5N

_____
Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

2392. Re: [acom-list] Easy check of GU-74b?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 13:39:57 UTC
From: Paul M Dunphy
Topic: 2388 Message: 2392

At 09:34 AM 2/24/2008, you wrote:
>All the talk of tube scarcity scared me into buying a
>pair of spare finals on eBay, and the tubes arrived
>yesterday. I'm not interested in taking apart my amp
>just to test the tubes.
>
>Are there any easy checks I can perform to check the
>tubes before putting them on the shelf for future use?
>
>73, Bill NZ5N

No easy ones.

73/DX Paul VE1DX

2393. Re: [acom-list] Easy check of GU-74b?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 21:56:38 UTC
From: John Peters
Topic: 2388 Message: 2393

Depends on what you feel like testing. Obvious things from a dropped tube like broken filament, bent pins, internal element short can be checked with an ohm-meter and visual inspection. That ends the EASY checks. Even a new good tube might die after a few days so why don't you just store a few spares safely and hope for the best.

73 John K1ER
----- Original Message -----
From: Bill Dzurilla
To: acom-list@yahoogroups.com
Sent: Sunday, February 24, 2008 3:34 AM
Subject: [acom-list] Easy check of GU-74b?

All the talk of tube scarcity scared me into buying a
pair of spare finals on eBay, and the tubes arrived
yesterday. I'm not interested in taking apart my amp
just to test the tubes.

Are there any easy checks I can perform to check the
tubes before putting them on the shelf for future use?

73, Bill NZ5N

_____
Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

[Non-text portions of this message have been removed]

2394. RE: [acom-list] Easy check of GU-74b?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 22:08:05 UTC
From: Kees - pa7two
Topic: 2388 Message: 2394

Hi John,

Wasn't the availability of these tubes not THE problem as it seems when looking at the messages?

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: petersj007@...
Date: Sun, 24 Feb 2008 11:56:38 -1000
Subject: Re: [acom-list] Easy check of GU-74b?

Depends on what you feel like testing. Obvious things from a dropped tube like broken filament, bent pins, internal element short can be checked with an ohm-meter and visual inspection. That ends the EASY checks. Even a new good tube might die after a few days so why don't you just store a few spares safely and hope for the best.

73 John K1ER

----- Original Message -----

From: Bill Dzurilla

To: acom-list@yahoogroups.com

Sent: Sunday, February 24, 2008 3:34 AM

Subject: [acom-list] Easy check of GU-74b?

All the talk of tube scarcity scared me into buying a

pair of spare finals on eBay, and the tubes arrived

yesterday. I'm not interested in taking apart my amp

just to test the tubes.

Are there any easy checks I can perform to check the

tubes before putting them on the shelf for future use?

73, Bill NZ5N

Looking for last minute shopping deals?

Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

[Non-text portions of this message have been removed]

Helping your favorite cause is as easy as instant messaging. You IM, we give.
http://im.live.com/Messenger/IM/Home/?source=text_hotmail_join

[Non-text portions of this message have been removed]

2395. Re: [acom-list] Easy check of GU-74b?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-24 22:09:31 UTC
From: Barry N1EU
Topic: 2388 Message: 2395

Yes, I think you either just pack them away or you fully test them in
the amp. I suggest the latter, after a suitable warmup period,
setting the plate current and then operating at a slowly increasing
drive level over an extended period of QSOs while monitoring the tube
temperatures and watching that they stay within a few degrees of each
other. At that point, you might as well leave them in and make the
original tubes the spares.

73,
Barry N1EU

On Sun, Feb 24, 2008 at 9:56 PM, John Peters <petersj007@...> wrote:
> Depends on what you feel like testing. Obvious things from a dropped tube
> like broken filament, bent pins, internal element short can be checked with
> an ohm-meter and visual inspection. That ends the EASY checks. Even a new
> good tube might die after a few days so why don't you just store a few
> spares safely and hope for the best.
>
> 73 John K1ER
>
> ----- Original Message -----
> From: Bill Dzurilla
> To: acom-list@yahoogroups.com
> Sent: Sunday, February 24, 2008 3:34 AM
> Subject: [acom-list] Easy check of GU-74b?
>
> All the talk of tube scarcity scared me into buying a
> pair of spare finals on eBay, and the tubes arrived
> yesterday. I'm not interested in taking apart my amp
> just to test the tubes.
>
> Are there any easy checks I can perform to check the
> tubes before putting them on the shelf for future use?
>
> 73, Bill NZ5N

> the Curves lifestyle.
> .
>

2396. Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 11:42:42 UTC
From: Fernando González
Topic: 2396 Message: 2396

Hello,
I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I have been having familiar with its function during this period. Overall I think it´s a impressive amplifier and greatly designed. All values throught the menus seems to be normal acording to the technical supplement here. I got about 1 kw out (key down) driving 30 wts onto it on most every band (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting 1.5Kw out it´s difficult here...je. And now, the question. The use I have made of the linear have been mainly going into the VP6´s pile-ups and quite a few other DX. The temperature of the both tubes remains at a level between 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY pile-ups but with 500 wts this time. Yesterday evening I was calling for DX with my voice keyer for about an hour with 800 wts out. I made a normal call and a few seconds of stand-by. I found out that the temperature went up to 65 to 75 degrees C wich seems to me pretty high. I put my hand over the holes in the top of the amplifier and almost got burned...I wonder if this is normal running just 800 wts. If this would be the way, I bet I couldn´t swtich on the amplifier on the summer time as I don´t have air conditioning here and my radio shack is not a finish sauna. So, what would be a normal temperature reference of this equipment??. Thanks a lot. 73s
EC1CT Fernando
E-mail: ec1ct@...

[Non-text portions of this message have been removed]

2397. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 12:01:57 UTC
From: Paul M Dunphy
Topic: 2396 Message: 2397

At 07:42 AM 2/25/2008, you wrote:
>Hello,
>I just received my brand new Acom 2000A from
>Vinecom in the UK a week ago. I have been having
>familiar with its function during this period.
>Overall I think it´s a impressive amplifier and
>greatly designed. All values throught the menus
>seems to be normal acording to the technical
>supplement here. I got about 1 kw out (key down)
>driving 30 wts onto it on most every band
>(slightly more on 40 and 80). I have wired to
>240v instead of 220 so getting 1.5Kw out it´s
>difficult here...je. And now, the question. The
>use I have made of the linear have been mainly
>going into the VP6´s pile-ups and quite a few
>other DX. The temperature of the both tubes
>remains at a level between 27 to 35 degrees
>Celsius with 1 kw out. The same more or less on
>the RTTY pile-ups but with 500 wts this time.
>Yesterday evening I was calling for DX with my
>voice keyer for about an hour with 800 wts out.
>I made a normal call and a few seconds of
>stand-by. I found out that the temperature went
>up to 65 to 75 degrees C wich seems to me pretty
>high. I put my hand over the holes in the top of
>the amplifier and almost got burned...I wonder
>if this is normal running just 800 wts. If this
>would be the way, I bet I couldn´t swtich on the
>amplifier on the summer time as I don´t have air
>conditioning here and my radio shack is not a
>finish sauna. So, what would be a normal
>temperature reference of this equipment??. Thanks a lot. 73s
>EC1CT Fernando
>E-mail: ec1ct@...

Hello Fernando,

I have the single tube version (the
ACOM-1000) and those temperatures seem
reasonable. Prolonged SSB QSOs seem to make it
the hottest. Remember the cooling fan is of
variable speed, and it will run faster as the
temperature rises. The only place I ever feel
heat is above the exhaust hole over the tube. It
cools off very quickly after you stop transmitting.

It is normal for any amplifier to get
warm/hot during transmission, and I don't think
you have anything to be concerned about. There
are owners of the ACOM-2000 here on this list,
and maybe one or two of them can comment on the
exact numbers you mentioned. I really don't think your amp is running too hot.

73/DX Paul VE1DX

2398. R: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 12:10:34 UTC
From: iv3yer
Topic: 2396 Message: 2398

Please what is your report swr but this is very important.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Fernando González
Inviato: lunedì 25 febbraio 2008 12.43
A: acom-list@yahoogroups.com
Oggetto: [acom-list] Acom 2000A questions

Hello,
I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I have been having familiar with its function during this period. Overall I think it´s a impressive amplifier and greatly designed. All values throught the menus seems to be normal acording to the technical supplement here. I got about 1 kw out (key down) driving 30 wts onto it on most every band (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting 1.5Kw out it´s difficult here...je. And now, the question. The use I have made of the linear have been mainly going into the VP6´s pile-ups and quite a few other DX. The temperature of the both tubes remains at a level between 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY pile-ups but with 500 wts this time. Yesterday evening I was calling for DX with my voice keyer for about an hour with 800 wts out. I made a normal call and a few seconds of stand-by. I found out that the temperature went up to 65 to 75 degrees C wich seems to me pretty high. I put my hand over the holes in the top of the amplifier and almost got burned...I wonder if this is normal running just 800 wts. If this would be the way, I bet I couldn´t swtich on the amplifier on the summer time as I don´t have air conditioning here and my radio shack is not a finish sauna. So, what would be a normal temperature reference of this equipment??. Thanks a lot. 73s
EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

2399. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 12:30:47 UTC
From: Fernando González
Topic: 2396 Message: 2399

OK, Paul. Thanks for your input. You know, the amp is still under warranty so I´m looking everything in detail now..je,je. I got a Drake L7 amplifier here too and it doesn´t get that hot running 800 wts out even on contest. You make me happy. Thanks Paul. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 1:01 PM
Subject: Re: [acom-list] Acom 2000A questions

At 07:42 AM 2/25/2008, you wrote:
>Hello,
>I just received my brand new Acom 2000A from
>Vinecom in the UK a week ago. I have been having
>familiar with its function during this period.
>Overall I think it´s a impressive amplifier and
>greatly designed. All values throught the menus
>seems to be normal acording to the technical
>supplement here. I got about 1 kw out (key down)
>driving 30 wts onto it on most every band
>(slightly more on 40 and 80). I have wired to
>240v instead of 220 so getting 1.5Kw out it´s
>difficult here...je. And now, the question. The
>use I have made of the linear have been mainly
>going into the VP6´s pile-ups and quite a few
>other DX. The temperature of the both tubes
>remains at a level between 27 to 35 degrees
>Celsius with 1 kw out. The same more or less on
>the RTTY pile-ups but with 500 wts this time.
>Yesterday evening I was calling for DX with my
>voice keyer for about an hour with 800 wts out.
>I made a normal call and a few seconds of
>stand-by. I found out that the temperature went
>up to 65 to 75 degrees C wich seems to me pretty
>high. I put my hand over the holes in the top of
>the amplifier and almost got burned...I wonder
>if this is normal running just 800 wts. If this
>would be the way, I bet I couldn´t swtich on the
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>EC1CT Fernando

>E-mail: ec1ct@...

Hello Fernando,

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ACOM-1000) and those temperatures seem
reasonable. Prolonged SSB QSOs seem to make it
the hottest. Remember the cooling fan is of
variable speed, and it will run faster as the
temperature rises. The only place I ever feel
heat is above the exhaust hole over the tube. It
cools off very quickly after you stop transmitting.

It is normal for any amplifier to get
warm/hot during transmission, and I don't think
you have anything to be concerned about. There
are owners of the ACOM-2000 here on this list,
and maybe one or two of them can comment on the
exact numbers you mentioned. I really don't think your amp is running too hot.

73/DX Paul VE1DX

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

[Non-text portions of this message have been removed]

2400. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 12:36:00 UTC
From: Fernando González
Topic: 2396 Message: 2400

Hi Luigi,
The frecuency was 14.243. I was running the amplifier using the auto tune function so that means that I was using the USR settings (not the DEF as recommended by the Manual). SWR was 1:1,4 and reflected power was about 20 wts with 800-900 wts out key down. I got the same reflected power even when I use 1400 wts out. Gracie per la risposta. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 1:10 PM
Subject: R: [acom-list] Acom 2000A questions

Please what is your report swr but this is very important.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Fernando González
Inviato: lunedì 25 febbraio 2008 12.43
A: acom-list@yahoogroups.com
Oggetto: [acom-list] Acom 2000A questions

Hello,
I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I have been having familiar with its function during this period. Overall I think it´s a impressive amplifier and greatly designed. All values throught the menus seems to be normal acording to the technical supplement here. I got about 1 kw out (key down) driving 30 wts onto it on most every band (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting 1.5Kw out it´s difficult here...je. And now, the question. The use I have made of the linear have been mainly going into the VP6´s pile-ups and quite a few other DX. The temperature of the both tubes remains at a level between

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EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

[Non-text portions of this message have been removed]

2401. R: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 13:37:31 UTC
From: iv3yer
Topic: 2396 Message: 2401

Hi fernando,

For the truth in my case has never reached more than 70 degrees 75 (maximum load up 2 kw) course with this type continued use rtty, sstv or pile up, I believe that you do not have to worry about anything considers that the temperature drops in very fast in any case if you want to use the extra fan.

The report ros is important and also the cable between txrx and acom 2000.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Fernando González
Inviato: lunedì 25 febbraio 2008 13.36
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] Acom 2000A questions

Hi Luigi,
The frecuency was 14.243. I was running the amplifier using the auto tune function so that means that I was using the USR settings (not the DEF as recommended by the Manual). SWR was 1:1,4 and reflected power was about 20 wts with 800-900 wts out key down. I got the same reflected power even when I use 1400 wts out. Gracie per la risposta. 73s
EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Monday, February 25, 2008 1:10 PM
Subject: R: [acom-list] Acom 2000A questions

Please what is your report swr but this is very important.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] Per
conto
di Fernando González
Inviato: lunedì 25 febbraio 2008 12.43
A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Oggetto: [acom-list] Acom 2000A questions

Hello,
I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I have been having familiar with its function during this period. Overall I think it´s a impressive amplifier and greatly designed. All values throught the menus seems to be normal acording to the technical supplement here. I got about 1 kw out (key down) driving 30 wts onto it on most every band (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting 1.5Kw out it´s difficult here...je. And now, the question. The use I have made of the linear have been mainly going into the VP6´s pile-ups and quite a few other DX. The temperature of the both tubes remains at a level between 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY pile-ups but with 500 wts this time. Yesterday evening I was calling for DX with my voice keyer for about an hour with 800 wts out. I made a normal call and a few seconds of stand-by. I found out that the temperature went up to 65 to 75 degrees C wich seems to me pretty high. I put my hand over the holes in the top of the amplifier and almost got burned...I wonder if this is normal running just 800 wts. If this would be the way, I bet I couldn´t swtich on the amplifier on the summer time as I don´t have air conditioning here and my radio shack is not a finish sauna. So, what would be a normal temperature reference of this equipment??. Thanks a lot. 73s
EC1CT Fernando
E-mail: ec1ct@ure.es <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008
12:19

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

2402. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 13:45:58 UTC
From: Barry
Topic: 2396 Message: 2402

Fernando,
If you have your compression set high, it's almost like full duty cycle.

I suggest returning the amp for that band segment. Perhaps the settings changed and you were mistuned.
My 2000A often goes up to 70C with extended use.
73,
Barry W2UP

Fernando Gonz?lez wrote:
>
> OK, Paul. Thanks for your input. You know, the amp is still under
> warranty so I?m looking everything in detail now..je,je. I got a Drake
> L7 amplifier here too and it doesn?t get that hot running 800 wts out
> even on contest. You make me happy. Thanks Paul. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es>
>
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 1:01 PM
> Subject: Re: [acom-list] Acom 2000A questions
>
> At 07:42 AM 2/25/2008, you wrote:
> >Hello,
> >I just received my brand new Acom 2000A from
> >Vinecom in the UK a week ago. I have been having
> >familiar with its function during this period.
> >Overall I think it?s a impressive amplifier and
> >greatly designed. All values throught the menus
> >seems to be normal acording to the technical
> >supplement here. I got about 1 kw out (key down)
> >driving 30 wts onto it on most every band
> >(slightly more on 40 and 80). I have wired to
> >240v instead of 220 so getting 1.5Kw out it?s
> >difficult here...je. And now, the question. The
> >use I have made of the linear have been mainly
> >going into the VP6?s pile-ups and quite a few
> >other DX. The temperature of the both tubes
> >remains at a level between 27 to 35 degrees
> >Celsius with 1 kw out. The same more or less on
> >the RTTY pile-ups but with 500 wts this time.
> >Yesterday evening I was calling for DX with my
> >voice keyer for about an hour with 800 wts out.

> >I made a normal call and a few seconds of
> >stand-by. I found out that the temperature went
> >up to 65 to 75 degrees C wich seems to me pretty
> >high. I put my hand over the holes in the top of
> >the amplifier and almost got burned...I wonder
> >if this is normal running just 800 wts. If this
> >would be the way, I bet I couldn?t swtich on the
> >amplifier on the summer time as I don?t have air
> >conditioning here and my radio shack is not a
> >finish sauna. So, what would be a normal
> >temperature reference of this equipment??. Thanks a lot. 73s
> >EC1CT Fernando
> >E-mail: ec1ct@... <mailto:ec1ct%40ure.es>
>
> Hello Fernando,
>
> I have the single tube version (the
> ACOM-1000) and those temperatures seem
> reasonable. Prolonged SSB QSOs seem to make it
> the hottest. Remember the cooling fan is of
> variable speed, and it will run faster as the
> temperature rises. The only place I ever feel
> heat is above the exhaust hole over the tube. It
> cools off very quickly after you stop transmitting.
>
> It is normal for any amplifier to get
> warm/hot during transmission, and I don't think
> you have anything to be concerned about. There
> are owners of the ACOM-2000 here on this list,
> and maybe one or two of them can comment on the
> exact numbers you mentioned. I really don't think your amp is running
> too hot.
>
> 73/DX Paul VE1DX
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
> 24/02/2008 12:19
>
> [Non-text portions of this message have been removed]
>
>

2403. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 16:40:42 UTC
From: Fernando González
Topic: 2396 Message: 2403

Hi Barry,
Thanks for the reply. I don´t think the compression is too high. I´m using a Mark V Field with a PR40 from Heil as a microphone. Mic gain is set at 10 o´clock. Processor is at 12 o´clock. Reading on an average wattmeter and normally talking, the needle moves from 200 to 600 wts when the amp is set for 1 kw. I don´t think it could be overdrived...could it?. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Barry
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 2:45 PM
Subject: Re: [acom-list] Acom 2000A questions

Fernando,
If you have your compression set high, it's almost like full duty cycle.

I suggest returning the amp for that band segment. Perhaps the settings changed and you were mistuned.
My 2000A often goes up to 70C with extended use.
73,
Barry W2UP

Fernando González wrote:
>
> OK, Paul. Thanks for your input. You know, the amp is still under
> warranty so I´m looking everything in detail now..je,je. I got a Drake
> L7 amplifier here too and it doesn´t get that hot running 800 wts out
> even on contest. You make me happy. Thanks Paul. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es>
>
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 1:01 PM
> Subject: Re: [acom-list] Acom 2000A questions
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> 73/DX Paul VE1DX
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> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
> 24/02/2008 12:19
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> [Non-text portions of this message have been removed]
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Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

[Non-text portions of this message have been removed]

2404. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 16:50:30 UTC
From: Fernando González
Topic: 2396 Message: 2404

Hi Luigi,
Forgot to mention that I have the extra fan installed but I haven´t hear it running yet. The space around the amp is 15 cms on every side and perhaps 20 cm from the rear of the amp to the wall. Cable is RG-213 mil spec.When the amp is on stand-by for about 10 minutes, the temperature drops at about 30 to 35ºC range. I´m thinking to add an extra fan over the holes to suck the hot air off faster..Will see if I note any improvements. Thinking in a good air conditioning system for the summer (any infos on this are appreciated too). Noted that the amp case is mostly cold during all operation. Grazie mile, Luigi. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 2:37 PM
Subject: R: [acom-list] Acom 2000A questions

Hi fernando,

For the truth in my case has never reached more than 70 degrees 75 (maximum load up 2 kw) course with this type continued use rtty, sstv or pile up, I believe that you do not have to worry about anything considers that the temperature drops in very fast in any case if you want to use the extra fan.

The report ros is important and also the cable between txrx and acom 2000.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Fernando González
Inviato: lunedì 25 febbraio 2008 13.36
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] Acom 2000A questions

Hi Luigi,
The frecuency was 14.243. I was running the amplifier using the auto tune function so that means that I was using the USR settings (not the DEF as recommended by the Manual). SWR was 1:1,4 and reflected power was about 20 wts with 800-900 wts out key down. I got the same reflected power even when I use 1400 wts out. Gracie per la risposta. 73s
EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Monday, February 25, 2008 1:10 PM
Subject: R: [acom-list] Acom 2000A questions

Please what is your report swr but this is very important.

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] Per conto
di Fernando González
Inviato: lunedì 25 febbraio 2008 12.43
A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Oggetto: [acom-list] Acom 2000A questions

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and a few seconds of stand-by. I found out that the temperature went up to
65 to 75 degrees C wich seems to me pretty high. I put my hand over the
holes in the top of the amplifier and almost got burned...I wonder if this
is normal running just 800 wts. If this would be the way, I bet I couldn´t
swtich on the amplifier on the summer time as I don´t have air conditioning
here and my radio shack is not a finish sauna. So, what would be a normal
temperature reference of this equipment??. Thanks a lot. 73s
EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008
12:19

[Non-text portions of this message have been removed]

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http://www.nod32.it

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Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

[Non-text portions of this message have been removed]

2405. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 17:50:20 UTC
From: John Peters
Topic: 2396 Message: 2405

I think (1) you need the external additional cooling fan (2) be sure your SWR is okay.

Sounds like the service is closer to RTTY than SSB using the voice keyer constantly. Mine never shows heating like that.

73 John K1ER
----- Original Message -----
From: Fernando González
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 1:42 AM
Subject: [acom-list] Acom 2000A questions

Hello,
I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I have been having familiar with its function during this period. Overall I think it´s a impressive amplifier and greatly designed. All values throught the menus seems to be normal acording to the technical supplement here. I got about 1 kw out (key down) driving 30 wts onto it on most every band (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting 1.5Kw out it´s difficult here...je. And now, the question. The use I have made of the linear have been mainly going into the VP6´s pile-ups and quite a few other DX. The temperature of the both tubes remains at a level between 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY pile-ups but with 500 wts this time. Yesterday evening I was calling for DX with my voice keyer for about an hour with 800 wts out. I made a normal call and a few seconds of stand-by. I found out that the temperature went up to 65 to 75 degrees C wich seems to me pretty high. I put my hand over the holes in the top of the amplifier and almost got burned...I wonder if this is normal running just 800 wts. If this would be the way, I bet I couldn´t swtich on the amplifier on the summer time as I don´t have air conditioning here and my radio shack is not a finish sauna. So, what would be a normal temperature reference of this equipment??. Thanks a lot. 73s
EC1CT Fernando
E-mail: ec1ct@ure.es

[Non-text portions of this message have been removed]

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2406. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 18:23:19 UTC
From: bmarton
Topic: 2396 Message: 2406

Your temperatures seem pretty normal to me. When I run SSB, with about 1.5 kw output under normal rag chewing with short transmissions of under a minute with a turn over to the other station and then back to transmit, I can see the temperature go up to 80 degrees C pretty easily. I don☐t think this is an issue if you think of it in terms of being only 175 degrees F. This not very hot for ceramic materials at all!

If I recall correctly, Krassy told me this is fine, nothing to worry about. So in your case of using a voice keyer that is running full duty cycle transmissions, even at a reduced output, you are still going to heat the tubes to 80 C. Don☐t worry about it. And don☐t worry about the aux. fan, you don☐t need it.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Monday, February 25, 2008 12:50 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

I think (1) you need the external additional cooling fan (2) be sure your SWR is okay.

Sounds like the service is closer to RTTY than SSB using the voice keyer constantly. Mine never shows heating like that.

73 John K1ER
----- Original Message -----
From: Fernando González
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Sent: Monday, February 25, 2008 1:42 AM
Subject: [acom-list] Acom 2000A questions

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EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

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_____ Information from ESET NOD32 Antivirus, version of virus signature database 2900 (20080225) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2407. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 18:47:04 UTC
From: Fernando González
Topic: 2396 Message: 2407

Understood. Thanks Bruce...that is exaclty what some others have suggested. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 7:23 PM
Subject: RE: [acom-list] Acom 2000A questions

Your temperatures seem pretty normal to me. When I run SSB, with about 1.5 kw output under normal rag chewing with short transmissions of under a minute with a turn over to the other station and then back to transmit, I can see the temperature go up to 80 degrees C pretty easily. I don't think this is an issue if you think of it in terms of being only 175 degrees F. This not very hot for ceramic materials at all!

If I recall correctly, Krassy told me this is fine, nothing to worry about. So in your case of using a voice keyer that is running full duty cycle transmissions, even at a reduced output, you are still going to heat the tubes to 80 C. Don't worry about it. And don't worry about the aux. fan, you don't need it.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Monday, February 25, 2008 12:50 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

I think (1) you need the external additional cooling fan (2) be sure your SWR is okay.

Sounds like the service is closer to RTTY than SSB using the voice keyer constantly. Mine never shows heating like that.

73 John K1ER
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2900 (20080225) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

[Non-text portions of this message have been removed]

2408. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 18:58:17 UTC
From: Mel Whitten
Topic: 2396 Message: 2408

Luigi
Yes, I would not be concerned about 70-80 deg C. This is what I see running digital voice with only 8-10w drive (but it does have a high crest factor). ACOM's watt meter indicates a ~1kw output at this drive level.

Mel, k0pfx

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com
Sent: Monday, February 25, 2008 7:37 AM
Subject: R: [acom-list] Acom 2000A questions

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Inviato: lunedì 25 febbraio 2008 13.36
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] Acom 2000A questions

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I use 1400 wts out. Gracie per la risposta. 73s
EC1CT Fernando
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----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Monday, February 25, 2008 1:10 PM
Subject: R: [acom-list] Acom 2000A questions

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73's Luigi

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IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

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Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] Per
conto
di Fernando González
Inviato: lunedì 25 febbraio 2008 12.43
A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Oggetto: [acom-list] Acom 2000A questions

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[Non-text portions of this message have been removed]

_____ Informazione NOD32 2899 (20080225) _____

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http://www.nod32.it

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Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008 12:19

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2409. Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 19:16:57 UTC
From: Paul M Dunphy
Topic: 2409 Message: 2409

Get'em before someone else does!

http://qro-parts.com/product_info.php?products_id=35

73/DX Paul VE1DX

2410. Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 19:24:02 UTC
From: Barry
Topic: 2409 Message: 2410

Sold "as is." No thanks.

Paul M Dunphy wrote:
>
> Get'em before someone else does!
>
> http://qro-parts.com/product_info.php?products_id=35
> <http://qro-parts.com/product_info.php?products_id=35>
>
> 73/DX Paul VE1DX
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.1/1297 - Release Date: 2/25/2008 9:22 AM
>

--

Barry Kutner, W2UP Newtown, PA

2411. Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 19:33:40 UTC
From: Paul M Dunphy
Topic: 2409 Message: 2411

At 03:24 PM 2/25/2008, you wrote:
>Sold "as is." No thanks.

I never said they were came with a guarantee. It's the first
place I've seen any in months other than eBay. I looked on their web
site 2-3 weeks ago and they had none.

Now there are 3 in stock, and they are sold "as is." Better
than nothing. I still have not seen a place where you can get any
that are gettered (conditioned) and guaranteed. Good luck on finding that.

I have no interest in QRO Parts or any other company that sells
tubes. I just posted that link because some (many?) ACOM users are
looking for spares.

73/DX Paul VE1DX

2412. Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 19:45:21 UTC
From: Ian
Topic: 2409 Message: 2412

I'll take some of those modern 4cx800a tubes, thanks, even with their 'unsteady' brilliant nickel plating. Wouldn't new ones be better than some old NOS crap that's be rolling around in an old warehouse?

----- Original Message ----
From: Paul M Dunphy <amplifier@...>
To: ACOM List <acom-list@yahoogroups.com>
Sent: Monday, 25 February, 2008 7:16:57 PM
Subject: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Get'em before someone else does!

http://qro-parts.com/product_info.php?products_id=35

73/DX Paul VE1DX

Sent from Yahoo! Mail.
A Smarter Inbox. http://uk.docs.yahoo.com/nowyoucan.html

2413. Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 19:54:47 UTC
From: Paul M Dunphy
Topic: 2409 Message: 2413

At 03:45 PM 2/25/2008, you wrote:
>I'll take some of those modern 4cx800a tubes, thanks, even with
>their 'unsteady' brilliant nickel plating. Wouldn't new ones be
>better than some old NOS crap that's be rolling around in an old warehouse?

So would I. You find some new, modern 4CX800A tubes and the
world will beat a path to your door with $100 bills. (At least ACOM,
Alpha, QRO and EMTRON owners will.) Especially if they come wit a guarantee!

73/DX Paul VE1DX

2414. RE: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 20:00:15 UTC
From: Kees - pa7two
Topic: 2409 Message: 2414

I think I lost completely what you try to say here...

e.g. the ACOM amplifiers are ALL fitted with those "old crap" NOS tubes you talk about? Are there any brand amplifiers fitted with the 4cx800a nice and shiny tubes? I have not seen any I have to say. Even more information for you gents: GU74B tubes before year 1992 are proven to be the best around. The reason for that is obvious!

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: ian_1975@...
Date: Mon, 25 Feb 2008 11:45:21 -0800
Subject: Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

I'll take some of those modern 4cx800a tubes, thanks, even with their 'unsteady' brilliant nickel plating. Wouldn't new ones be better than some old NOS crap that's be rolling around in an old warehouse?

----- Original Message ----

From: Paul M Dunphy <amplifier@...>

To: ACOM List <acom-list@yahoogroups.com>

Sent: Monday, 25 February, 2008 7:16:57 PM

Subject: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Get'em before someone else does!

http://qro-parts.com/product_info.php?products_id=35

73/DX Paul VE1DX

Sent from Yahoo! Mail.

A Smarter Inbox. http://uk.docs.yahoo.com/nowyoucan.html

Climb to the top of the charts! Play the word scramble challenge with star power.
http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

2415. Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 20:12:56 UTC
From: Ian
Topic: 2409 Message: 2415

That link to QRO states that the tubes are "analogue and have the best parameters" rather than "modern Svetlana 4CX800A tubes" because they have chromium plating.

Where do I buy some of these modern shiny Svetlana 4CX800A tubes that QRO-Parts talks about?

gm0tge

----- Original Message ----
From: Kees - pa7two <pa7two@...>
To: acom-list@yahoogroups.com
Sent: Monday, 25 February, 2008 8:00:15 PM
Subject: RE: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

I think I lost completely what you try to say here...

e.g. the ACOM amplifiers are ALL fitted with those "old crap" NOS tubes you talk about? Are there any brand amplifiers fitted with the 4cx800a nice and shiny tubes? I have not seen any I have to say. Even more information for you gents: GU74B tubes before year 1992 are proven to be the best around. The reason for that is obvious!

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: ian_1975@...
Date: Mon, 25 Feb 2008 11:45:21 -0800
Subject: Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

I'll take some of those modern 4cx800a tubes, thanks, even with their 'unsteady' brilliant nickel plating. Wouldn't new ones be better than some old NOS crap that's be rolling around in an old warehouse?

----- Original Message ----

From: Paul M Dunphy <amplifier@...>

To: ACOM List <acom-list@yahoogroups.com>

Sent: Monday, 25 February, 2008 7:16:57 PM

Subject: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Get'em before someone else does!

http://qro-parts.com/product_info.php?products_id=35

73/DX Paul VE1DX

Sent from Yahoo! Mail.

A Smarter Inbox. http://uk.docs.yahoo.com/nowyoucan.html

Climb to the top of the charts! Play the word scramble challenge with star power.
http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Answers - Got a question? Someone out there knows the answer. Try it
now.
http://uk.answers.yahoo.com/

2416. RE: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 20:27:04 UTC
From: Kees - pa7two
Topic: 2409 Message: 2416

This is what the web page tells us: (a crap translation from Russian into what appears to be English.)

Offered
tubes (Soviet marks as GU-74B!!!!!!!!!!!!!!!) are made in the USSR at 1980-92 on this Svetlana factory, are full analogue and have the best parameters rather
modern Svetlana 4CX800A tubes. These military grade tubes have a
chromium plating, steadier than brilliant nickel plated of modern tubes.

So, these the offered tubes are also the old and dull looking type GU74B tubes, which are the best to buy, price wise and performance wise.

During 1980-1992 no 4cx800a labeled tubes were manufactured by Svetlana. (Russian source information) I personally would not buy tubes produced in year 1992 <> 2000.

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: ian_1975@...
Date: Mon, 25 Feb 2008 12:12:56 -0800
Subject: Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

That link to QRO states that the tubes are "analogue and have the best parameters" rather than "modern Svetlana 4CX800A tubes" because they have chromium plating.

Where do I buy some of these modern shiny Svetlana 4CX800A tubes that QRO-Parts talks about?

gm0tge

----- Original Message ----

From: Kees - pa7two <pa7two@...>

To: acom-list@yahoogroups.com

Sent: Monday, 25 February, 2008 8:00:15 PM

Subject: RE: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

I think I lost completely what you try to say here...

e.g. the ACOM amplifiers are ALL fitted with those "old crap" NOS tubes you talk about? Are there any brand amplifiers fitted with the 4cx800a nice and shiny tubes? I have not seen any I have to say. Even more information for you gents: GU74B tubes before year 1992 are

proven to be the best around. The reason for that is obvious!

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com

From: ian_1975@...

Date: Mon, 25 Feb 2008 11:45:21 -0800

Subject: Re: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

I'll take some of those modern 4cx800a tubes, thanks, even with their 'unsteady' brilliant nickel plating. Wouldn't new ones be better than some old NOS crap that's be rolling around in an old warehouse?

----- Original Message ----

From: Paul M Dunphy <amplifier@...>

To: ACOM List <acom-list@yahoogroups.com>

Sent: Monday, 25 February, 2008 7:16:57 PM

Subject: [acom-list] Three NOS 4CX800A/GU-74Bs available (not eBAY)

Get'em before someone else does!

http://qro-parts.com/product_info.php?products_id=35

73/DX Paul VE1DX

Sent from Yahoo! Mail.

A Smarter Inbox. http://uk.docs.yahoo.com/nowyoucan.html

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http://club.live.com/star_shuffle.aspx?icid=starshuffle_wlmailtextlink_jan

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Answers - Got a question? Someone out there knows the answer. Try it

now.

http://uk.answers.yahoo.com/

_____
Helping your favorite cause is as easy as instant messaging. You IM, we give.
http://im.live.com/Messenger/IM/Home/?source=text_hotmail_join

[Non-text portions of this message have been removed]

2417. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 22:01:05 UTC
From: Brian Alsop
Topic: 2396 Message: 2417

Fernando et al,

If you do add the extra fan to suck out the air, my understanding is
that it must have a flow rating considerably higher than the existing fans.
Otherwise, it ends up being a "wind milling prop" which introduces air
flow blockage. The extra noise could be an issue too.

When I had my 2000 even RTTY contesting with no auxiliary fan never
reached the temperatures being quoted. However, the inside air temp in
the shack rarely got above 25C here.

I'd be temped to find out if something is blocking air flow in the unit
experiencing the quoted temperatures. An alternative explanation is
that the blower now shipped with the unit has less air flow than older
units. That is just speculation.

73 de Brian/K3KO

Fernando Gonz?lez wrote:

>Hi Luigi,
>Forgot to mention that I have the extra fan installed but I haven?t hear it running yet. The space around the amp is 15 cms on every side and perhaps 20 cm from the rear of the amp to the wall. Cable is RG-213 mil spec.When the amp is on stand-by for about 10 minutes, the temperature drops at about 30 to 35?C range. I?m thinking to add an extra fan over the holes to suck the hot air off faster..Will see if I note any improvements. Thinking in a good air conditioning system for the summer (any infos on this are appreciated too). Noted that the amp case is mostly cold during all operation. Grazie mile, Luigi. 73s
>EC1CT Fernando
>E-mail: ec1ct@...
>
>
> ----- Original Message -----
> From: iv3yer
> To: acom-list@yahoogroups.com
> Sent: Monday, February 25, 2008 2:37 PM
> Subject: R: [acom-list] Acom 2000A questions
>
>
> Hi fernando,
>
> For the truth in my case has never reached more than 70 degrees 75 (maximum
> load up 2 kw) course with this type continued use rtty, sstv or pile up, I
> believe that you do not have to worry about anything considers that the
> temperature drops in very fast in any case if you want to use the extra fan.
>

> The report ros is important and also the cable between txrx and acom 2000.
>
> 73's Luigi
>
> **********
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector
>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>
> Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto
> di Fernando Gonz?lez
> Inviato: luned? 25 febbraio 2008 13.36
> A: acom-list@yahoogroups.com
> Oggetto: Re: [acom-list] Acom 2000A questions
>
> Hi Luigi,
> The frecuency was 14.243. I was running the amplifier using the auto tune
> function so that means that I was using the USR settings (not the DEF as
> recommended by the Manual). SWR was 1:1,4 and reflected power was about 20
> wts with 800-900 wts out key down. I got the same reflected power even when
> I use 1400 wts out. Gracie per la risposta. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es>
>
> ----- Original Message -----
> From: iv3yer
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 1:10 PM
> Subject: R: [acom-list] Acom 2000A questions
>
> Please what is your report swr but this is very important.
>
> 73's Luigi
>
> **********
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector

>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>
> Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] Per
> conto
> di Fernando Gonz?lez
> Inviato: luned? 25 febbraio 2008 12.43
> A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Oggetto: [acom-list] Acom 2000A questions
>
> Hello,
> I just received my brand new Acom 2000A from Vinecom in the UK a week ago. I
> have been having familiar with its function during this period. Overall I
> think it?s a impressive amplifier and greatly designed. All values throught
> the menus seems to be normal acording to the technical supplement here. I
> got about 1 kw out (key down) driving 30 wts onto it on most every band
> (slightly more on 40 and 80). I have wired to 240v instead of 220 so getting
> 1.5Kw out it?s difficult here...je. And now, the question. The use I have
> made of the linear have been mainly going into the VP6?s pile-ups and quite
> a few other DX. The temperature of the both tubes remains at a level between
> 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY
> pile-ups but with 500 wts this time. Yesterday evening I was calling for DX
> with my voice keyer for about an hour with 800 wts out. I made a normal call
> and a few seconds of stand-by. I found out that the temperature went up to
> 65 to 75 degrees C wich seems to me pretty high. I put my hand over the
> holes in the top of the amplifier and almost got burned...I wonder if this
> is normal running just 800 wts. If this would be the way, I bet I couldn?t
> swtich on the amplifier on the summer time as I don?t have air conditioning
> here and my radio shack is not a finish sauna. So, what would be a normal
> temperature reference of this equipment??. Thanks a lot. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 2899 (20080225) _____
>
> Questo messaggio ? stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
>
> [Non-text portions of this message have been removed]
>
> --
>
> No virus found in this incoming message.

> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date: 24/02/2008
> 12:19
>
> [Non-text portions of this message have been removed]
>
> __________ Informazione NOD32 2899 (20080225) __________
>
> Questo messaggio ? stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
>
> [Non-text portions of this message have been removed]
>
>
>
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>
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>
>
>[Non-text portions of this message have been removed]
>
>
>
>

2418. Re: Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 22:03:48 UTC
From: pe1czg
Topic: 2409 Message: 2418

http://cgi.ebay.com/Russian-USED-TESTED-tube-GU-74B-GU74B-4CX800_W0QQitemZ300199763326QQihZ020QQcategoryZ4675QQcmdZViewItemQQ_trksidZp1742.m153.l1262

Only 99 USD from the Ukraine. Goodluck.

2419. Re: Three NOS 4CX800A/GU-74Bs available (not eBAY)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-25 22:29:40 UTC
From: pe1czg
Topic: 2409 Message: 2419

For those who are desparate looking for a matched pair GU74B's which
are supplied from the ACOM factory: http://www.venhorst.nl/ and go to
ACOM linears. This company claims that they have a stock of GU74B's
direct from ACOM. Not cheap (450 Euro for a matched pair) but from the
ACOM factory. I do not have proof that this is true but I bought my
ACOM Amp from that store and it's a reliable company in my opion.

So just for information to all. Cheers, Ger

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
>
>
> http://cgi.ebay.com/Russian-USED-TESTED-tube-GU-74B-GU74B-
>
4CX800_W0QQitemZ300199763326QQihZ020QQcategoryZ4675QQcmdZViewItemQQ_trks
> idZp1742.m153.l1262
>
> Only 99 USD from the Ukraine. Goodluck.
>

2420. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 09:27:45 UTC
From: Callum M0MCX
Topic: 2396 Message: 2420

Fernando ,

Crazy question.. but you have taken out the valve protector housings, yes?

Callum McCormick

http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Brian Alsop
Sent: 25 February 2008 22:01
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

Fernando et al,

If you do add the extra fan to suck out the air, my understanding is that it must have a flow rating considerably higher than the existing fans. Otherwise, it ends up being a "wind milling prop" which introduces air flow blockage. The extra noise could be an issue too.

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> Sent: Monday, February 25, 2008 2:37 PM
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> The report ros is important and also the cable between txrx and acom 2000.
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> function so that means that I was using the USR settings (not the DEF as
> recommended by the Manual). SWR was 1:1,4 and reflected power was about 20
> wts with 800-900 wts out key down. I got the same reflected power even
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> EC1CT Fernando

> E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>
>
> ----- Original Message -----
> From: iv3yer
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 1:10 PM
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>
> IV3YER
>
> Maggi Luigi
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> Italian Dxlab Reflector
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> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>
> Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>] Per
> conto
> di Fernando González
> Inviato: lunedì 25 febbraio 2008 12.43
> A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> Oggetto: [acom-list] Acom 2000A questions
>
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I
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> got about 1 kw out (key down) driving 30 wts onto it on most every band
> (slightly more on 40 and 80). I have wired to 240v instead of 220 so
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> made of the linear have been mainly going into the VP6´s pile-ups and

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> a few other DX. The temperature of the both tubes remains at a level
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> 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY
> pile-ups but with 500 wts this time. Yesterday evening I was calling for
DX
> with my voice keyer for about an hour with 800 wts out. I made a normal
call
> and a few seconds of stand-by. I found out that the temperature went up to
> 65 to 75 degrees C wich seems to me pretty high. I put my hand over the
> holes in the top of the amplifier and almost got burned...I wonder if this
> is normal running just 800 wts. If this would be the way, I bet I couldn´t
> swtich on the amplifier on the summer time as I don´t have air
conditioning
> here and my radio shack is not a finish sauna. So, what would be a normal
> temperature reference of this equipment??. Thanks a lot. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>
<mailto:ec1ct%40ure.es>
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 2899 (20080225) _____
>
> Questo messaggio è stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
>
> [Non-text portions of this message have been removed]
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
24/02/2008
> 12:19
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 2899 (20080225) _____
>
> Questo messaggio è stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
>
> [Non-text portions of this message have been removed]
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>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
24/02/2008 12:19
>
>
>[Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2421. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 11:18:58 UTC
From: Barry N1EU
Topic: 2396 Message: 2421

On Tue, Feb 26, 2008 at 9:27 AM, Callum M0MCX <callum@...> wrote:
> Crazy question.. but you have taken out the valve protector housings, yes?

What are the "valve protector housings"?

73,
Barry N1EU

2422. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 12:49:34 UTC
From: Fernando González
Topic: 2396 Message: 2422

Hi Callum,
All ideas are welcome. I don´t know what are the valves protection housing. As far as I remember, I got a couple of lables attached with a cable to the tubes chimeneys. It says ¨remove before switch on the amp¨ and this is what I did. I think you´re talking about those labels...aren´t you?. Thanks.
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Callum M0MCX
To: acom-list@yahoogroups.com
Sent: Tuesday, February 26, 2008 10:27 AM
Subject: RE: [acom-list] Acom 2000A questions

Fernando ,

Crazy question.. but you have taken out the valve protector housings, yes?

Callum McCormick

http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Brian Alsop
Sent: 25 February 2008 22:01
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

Fernando et al,

If you do add the extra fan to suck out the air, my understanding is that it must have a flow rating considerably higher than the existing fans. Otherwise, it ends up being a "wind milling prop" which introduces air flow blockage. The extra noise could be an issue too.

When I had my 2000 even RTTY contesting with no auxiliary fan never reached the temperatures being quoted. However, the inside air temp in the shack rarely got above 25C here.

I'd be temped to find out if something is blocking air flow in the unit experiencing the quoted temperatures. An alternative explanation is that the blower now shipped with the unit has less air flow than older units. That is just speculation.

73 de Brian/K3KO

Fernando González wrote:

>Hi Luigi,
>Forgot to mention that I have the extra fan installed but I haven´t hear it running yet. The space around the amp is 15 cms on every side and perhaps 20 cm from the rear of the amp to the wall. Cable is RG-213 mil spec.When the amp is on stand-by for about 10 minutes, the temperature drops at about 30 to 35ºC range. I´m thinking to add an extra fan over the holes to suck the hot air off faster..Will see if I note any improvements. Thinking in a good air conditioning system for the summer (any infos on this are appreciated too). Noted that the amp case is mostly cold during all operation. Grazie mile, Luigi. 73s
>EC1CT Fernando
>E-mail: ec1ct@... <mailto:ec1ct%40ure.es>
>
>
> ----- Original Message -----
> From: iv3yer
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 2:37 PM
> Subject: R: [acom-list] Acom 2000A questions
>
>
> Hi fernando,
>
> For the truth in my case has never reached more than 70 degrees 75
(maximum
> load up 2 kw) course with this type continued use rtty, sstv or pile up, I
> believe that you do not have to worry about anything considers that the
> temperature drops in very fast in any case if you want to use the extra
fan.
>
> The report ros is important and also the cable between txrx and acom 2000.
>
> 73's Luigi
>
> **********
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector
>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>
> Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] Per
conto

> di Fernando González
> Inviato: lunedì 25 febbraio 2008 13.36
> A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Oggetto: Re: [acom-list] Acom 2000A questions
>
> Hi Luigi,
> The frecuency was 14.243. I was running the amplifier using the auto tune
> function so that means that I was using the USR settings (not the DEF as
> recommended by the Manual). SWR was 1:1,4 and reflected power was about 20
> wts with 800-900 wts out key down. I got the same reflected power even
when
> I use 1400 wts out. Gracie per la risposta. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>
>
> ----- Original Message -----
> From: iv3yer
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> Sent: Monday, February 25, 2008 1:10 PM
> Subject: R: [acom-list] Acom 2000A questions
>
> Please what is your report swr but this is very important.
>
> 73's Luigi
>
> **********
>
> IV3YER
>
> Maggi Luigi
>
> Italian Dxlab Reflector
>
> http://wwww.iv3yer.com
>
> http://iv3yerblog.blogspot.com/
>
> **********
>
> Da: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>] Per
> conto
> di Fernando González
> Inviato: lunedì 25 febbraio 2008 12.43
> A: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
<mailto:acom-list%40yahoogroups.com>
> Oggetto: [acom-list] Acom 2000A questions

>
> Hello,
> I just received my brand new Acom 2000A from Vinecom in the UK a week ago.
I
> have been having familiar with its function during this period. Overall I
> think it´s a impressive amplifier and greatly designed. All values
throught
> the menus seems to be normal acording to the technical supplement here. I
> got about 1 kw out (key down) driving 30 wts onto it on most every band
> (slightly more on 40 and 80). I have wired to 240v instead of 220 so
getting
> 1.5Kw out it´s difficult here...je. And now, the question. The use I have
> made of the linear have been mainly going into the VP6´s pile-ups and
quite
> a few other DX. The temperature of the both tubes remains at a level
between
> 27 to 35 degrees Celsius with 1 kw out. The same more or less on the RTTY
> pile-ups but with 500 wts this time. Yesterday evening I was calling for
DX
> with my voice keyer for about an hour with 800 wts out. I made a normal
call
> and a few seconds of stand-by. I found out that the temperature went up to
> 65 to 75 degrees C wich seems to me pretty high. I put my hand over the
> holes in the top of the amplifier and almost got burned...I wonder if this
> is normal running just 800 wts. If this would be the way, I bet I couldn´t
> swtich on the amplifier on the summer time as I don´t have air
conditioning
> here and my radio shack is not a finish sauna. So, what would be a normal
> temperature reference of this equipment??. Thanks a lot. 73s
> EC1CT Fernando
> E-mail: ec1ct@... <mailto:ec1ct%40ure.es> <mailto:ec1ct%40ure.es>
<mailto:ec1ct%40ure.es>
>
> [Non-text portions of this message have been removed]
>
> _____ Informazione NOD32 2899 (20080225) _____
>
> Questo messaggio è stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
>
> [Non-text portions of this message have been removed]
>
> --
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
24/02/2008
> 12:19
>

> [Non-text portions of this message have been removed]
>
> __________ Informazione NOD32 2899 (20080225) __________
>
> Questo messaggio è stato controllato dal Sistema Antivirus NOD32
> http://www.nod32.it
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> [Non-text portions of this message have been removed]
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> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.21.0/1296 - Release Date:
24/02/2008 12:19
>
>
>[Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.1/1298 - Release Date: 25/02/2008 20:45

[Non-text portions of this message have been removed]

2423. Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 14:45:08 UTC
From: kamarty456
Topic: 2396 Message: 2423

Valve protection housings or tube protection housings are those rubber type inserts placed between the top of the tube and the case. This ensures the tubes remain in place during shipment of the amplifier.

My protectors are a dark gray.

Do not misunderstand and remove the red or white rubber/silicon chimney materials.

Obviously the tube protectors need to be removed prior to use.

Marty KA7GKN

2424. RE: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 15:19:51 UTC
From: N2TK
Topic: 2396 Message: 2424

I was told not to remove the tube protectors that are screwed to the top of the top cover. Been that way for 8 years or more.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: Tuesday, February 26, 2008 9:45 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 2000A questions

Valve protection housings or tube protection housings are those rubber type inserts placed between the top of the tube and the case. This ensures the tubes remain in place during shipment of the amplifier.

My protectors are a dark gray.

Do not misunderstand and remove the red or white rubber/silicon chimney materials.

Obviously the tube protectors need to be removed prior to use.

Marty KA7GKN

[Non-text portions of this message have been removed]

2425. Re: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 16:20:46 UTC
From: k2qmf@juno.com
Topic: 2396 Message: 2425

Mine too...

They have been on for years.
No problems at all...

73,
Ted K2QMF

On Tue, 26 Feb 2008 10:19:51 -0500 "N2TK" <tony.kaz@...> writes:
> I was told not to remove the tube protectors that are screwed to the
> top of
> the top cover. Been that way for 8 years or more.
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of kamarty456
> Sent: Tuesday, February 26, 2008 9:45 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Acom 2000A questions
>
>
>
> Valve protection housings or tube protection housings are those
> rubber
> type inserts placed between the top of the tube and the case. This
> ensures the tubes remain in place during shipment of the amplifier.
>
> My protectors are a dark gray.
>
> Do not misunderstand and remove the red or white rubber/silicon
> chimney
> materials.
>
> Obviously the tube protectors need to be removed prior to use.
>
> Marty KA7GKN
>
>
>
>
>
>
> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links
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2426. Re: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 16:47:00 UTC
From: Fernando González
Topic: 2396 Message: 2426

Oh...I see. That was the ones labeled on my case. I thought you were talking about the silicon chimeneys and sounded strange to me. Yes I removed both valve protection housing. Thanks!
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Tuesday, February 26, 2008 3:45 PM
Subject: [acom-list] Re: Acom 2000A questions

Valve protection housings or tube protection housings are those rubber type inserts placed between the top of the tube and the case. This ensures the tubes remain in place during shipment of the amplifier.

My protectors are a dark gray.

Do not misunderstand and remove the red or white rubber/silicon chimney materials.

Obviously the tube protectors need to be removed prior to use.

Marty KA7GKN

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.1/1298 - Release Date: 25/02/2008 20:45

[Non-text portions of this message have been removed]

2427. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 18:47:08 UTC
From: Callum M0MCX
Topic: 2396 Message: 2427

>>> remove before switch on the amp

Yes, these are the ones!

I heard of someone who didn't remove them and it's not good :)

(Not me)

Callum McCormick
http://www.m0mcx.co.uk/

2428. RE: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 18:48:20 UTC
From: Callum M0MCX
Topic: 2396 Message: 2428

No - don't dissemble the amp folks, just remove the grey tubes :)

Callum McCormick
http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of N2TK
Sent: 26 February 2008 15:20
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Acom 2000A questions

I was told not to remove the tube protectors that are screwed to the top of the top cover. Been that way for 8 years or more.
N2TK, Tony

2429. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:02:12 UTC
From: John Peters
Topic: 2396 Message: 2429

It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
The silicon rubber sleeves around the tubes (valves) directs the air through the fins in the Anode. LEAVE IN PLACE.
The spacers labeled "REMOVE" between the tubes (valves) and the cover are designed to prevent the tubes (valves) from coming out of the socket during shipment. REMOVE THEM. That is why they are loose when you removed the cover to install the Transformer. (The heavy black thing with 4 sets of wires held down by 4 bolts.)

Are you sure you are ready for an amplifier?

73
John K1ER

[Non-text portions of this message have been removed]

2430. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:10:33 UTC
From: bmarton
Topic: 2396 Message: 2430

Oh My God!!!! John you could not have said it too soon!

This reminds me of the Corvette meets where some dubber with far too much money on his hands (or the ability to get too much credit) shows up with a new 535 hp Z06 and a pocket protector full of pens and he still cannot see over the steering wheel. As Josie Wales once said, "A man needs to know his limitations", or was it Dirty Harry?

Bruce K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Tuesday, February 26, 2008 3:02 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
The silicon rubber sleeves around the tubes (valves) directs the air through the fins in the Anode. LEAVE IN PLACE.
The spacers labeled "REMOVE" between the tubes (valves) and the cover are designed to prevent the tubes (valves) from coming out of the socket during shipment. REMOVE THEM. That is why they are loose when you removed the cover to install the Transformer. (The heavy black thing with 4 sets of wires held down by 4 bolts.)

Are you sure you are ready for an amplifier?

73
John K1ER

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2903 (20080226) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2431. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:10:41 UTC
From: k2qmf@juno.com
Topic: 2396 Message: 2431

Why is it not good????

Mine have been on for years with no problem...

Ted K2QMF

On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"
<callum@...> writes:
> >>> remove before switch on the amp
>
> Yes, these are the ones!
>
> I heard of someone who didn't remove them and it's not good :)
>
> (Not me)
>
> Callum McCormick
> http://www.m0mcx.co.uk/
>
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> Yahoo! Groups Links
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2432. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:16:12 UTC
From: k2qmf@juno.com
Topic: 2396 Message: 2432

Oh I See,

Gee, I thought those things were to keep the blower from blowing
the tubes out of their sockets!!!

Ted K2QMF :-)

On Tue, 26 Feb 2008 10:02:12 -1000 "John Peters"
<petersj007@...> writes:
> It is hard to believe that this level of instruction is required for
> anyone buying such an expensive amp.
>
> The screen above the tubes (valves) keeps bugs out. LEAVE IN
> PLACE.
> The silicon rubber sleeves around the tubes (valves) directs the air
> through the fins in the Anode. LEAVE IN PLACE.
> The spacers labeled "REMOVE" between the tubes (valves) and the
> cover are designed to prevent the tubes (valves) from coming out of
> the socket during shipment. REMOVE THEM. That is why they are loose
> when you removed the cover to install the Transformer. (The heavy
> black thing with 4 sets of wires held down by 4 bolts.)
>
> Are you sure you are ready for an amplifier?
>
> 73
> John K1ER
>
> [Non-text portions of this message have been removed]
>
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>
> Yahoo! Groups Links
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2433. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:19:02 UTC
From: bmarton
Topic: 2396 Message: 2433

I think we all need to consider going to Sears for the GU-74b's.. it is obvious that the Acom 2000A is an appliance to be added into any newly constructed home with a box top ticketed ham on site. Sears must sell spare finals!

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of bmarton
Sent: Tuesday, February 26, 2008 3:11 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Acom 2000A questions

Oh My God!!!! John you could not have said it too soon!

This reminds me of the Corvette meets where some dubber with far too much money on his hands (or the ability to get too much credit) shows up with a new 535 hp Z06 and a pocket protector full of pens and he still cannot see over the steering wheel. As Josie Wales once said, "A man needs to know his limitations", or was it Dirty Harry?

Bruce K1XR

From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf
Of John Peters
Sent: Tuesday, February 26, 2008 3:02 PM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: Re: [acom-list] Acom 2000A questions

It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
The silicon rubber sleeves around the tubes (valves) directs the air through the fins in the Anode. LEAVE IN PLACE.
The spacers labeled "REMOVE" between the tubes (valves) and the cover are designed to prevent the tubes (valves) from coming out of the socket during shipment. REMOVE THEM. That is why they are loose when you removed the cover to install the Transformer. (The heavy black thing with 4 sets of wires held down by 4 bolts.)

Are you sure you are ready for an amplifier?

73
John K1ER

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2903 (20080226) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset. <http://www.eset.com> com

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2903 (20080226) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2434. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:42:51 UTC
From: N2TK
Topic: 2396 Message: 2434

It seems there is a difference between the earlier 2000a's and the newer ones. With the earlier ones you leave in the spacers which hold down the tubes. It sounds like this was changed in newer units. Mine have been in for several years (6100 hours).

73,
N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of k2qmf@...
Sent: Tuesday, February 26, 2008 3:11 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

Why is it not good????

Mine have been on for years with no problem...

Ted K2QMF

On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"
<callum@mccormick. <mailto:callum%40mccormick.uk.com> uk.com> writes:
> >>> remove before switch on the amp
>
> Yes, these are the ones!
>
> I heard of someone who didn't remove them and it's not good :)
>
> (Not me)
>
> Callum McCormick
> http://www.m0mcx. <http://www.m0mcx.co.uk/> co.uk/
>
>
>
>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

2435. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:50:58 UTC
From: Callum M0MCX
Topic: 2396 Message: 2435

>>> It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

What? Go back to sleep :)

Callum McCormick

http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: 26 February 2008 20:02
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
The silicon rubber sleeves around the tubes (valves) directs the air through the fins in the Anode. LEAVE IN PLACE.
The spacers labeled "REMOVE" between the tubes (valves) and the cover are designed to prevent the tubes (valves) from coming out of the socket during shipment. REMOVE THEM. That is why they are loose when you removed the cover to install the Transformer. (The heavy black thing with 4 sets of wires held down by 4 bolts.)

Are you sure you are ready for an amplifier?

73
John K1ER

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2436. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 20:59:05 UTC
From: Barry N1EU
Topic: 2396 Message: 2436

FWIW, mine definitely are NOT labeled "REMOVE". However, the manual
does say "remove the plastic tubes holders". Perhaps Acom started
labeling them because lots of folks were leaving them in.

Can we please dispense with ad hominem attacks?

73,
Barry N1EU

On Tue, Feb 26, 2008 at 8:42 PM, N2TK <tony.kaz@...> wrote:
>
>
>
>
>
>
> It seems there is a difference between the earlier 2000a's and the newer
> ones. With the earlier ones you leave in the spacers which hold down the
> tubes. It sounds like this was changed in newer units. Mine have been in
> for
> several years (6100 hours).
>
> 73,
> N2TK/NP2, Tony
>
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of k2qmf@...
>
> Sent: Tuesday, February 26, 2008 3:11 PM
> To: acom-list@yahoogroups.com
> Cc: acom-list@yahoogroups.com
>
> Subject: Re: [acom-list] Acom 2000A questions
>
> Why is it not good????
>
> Mine have been on for years with no problem...
>
> Ted K2QMF
>
> On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"
> <callum@mccormick. <mailto:callum%40mccormick.uk.com> uk.com> writes:

> > >>> remove before switch on the amp
> >
> > Yes, these are the ones!
> >
> > I heard of someone who didn't remove them and it's not good :)
> >
> > (Not me)
> >
> > Callum McCormick
> > http://www.m0mcx. <http://www.m0mcx.co.uk/> co.uk/
> >
> >
> >
> >
> > Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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2437. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 21:02:03 UTC
From: Kees - pa7two
Topic: 2396 Message: 2437

Do you mixed up the spacers & to the rubber cooling sleeves?

Vy 73, de Kees

Member of an all HAM family

LetYourFingersTalk! CW is THE mode!

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: tony.kaz@...
Date: Tue, 26 Feb 2008 15:42:51 -0500
Subject: RE: [acom-list] Acom 2000A questions

It seems there is a difference between the earlier 2000a's and the newer

ones. With the earlier ones you leave in the spacers which hold down the

tubes. It sounds like this was changed in newer units. Mine have been in for

several years (6100 hours).

73,

N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf

Of k2qmf@...

Sent: Tuesday, February 26, 2008 3:11 PM

To: acom-list@yahoogroups.com

Cc: acom-list@yahoogroups.com

Subject: Re: [acom-list] Acom 2000A questions

Why is it not good????

Mine have been on for years with no problem...

Ted K2QMF

On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"

<callum@mccormick. <mailto:callum%40mccormick.uk.com> uk.com> writes:

> >>> remove before switch on the amp

>

> Yes, these are the ones!

>

> I heard of someone who didn't remove them and it's not good :)

>

> (Not me)

>

> Callum McCormick

> http://www.m0mcx. <http://www.m0mcx.co.uk/> co.uk/

>

>

>

>

> Yahoo! Groups Links

>

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[Non-text portions of this message have been removed]

_____
Need to know the score, the latest news, or you need your Hotmail®-get your "fix".
http://www.msnmobilefix.com/Default.aspx

[Non-text portions of this message have been removed]

2438. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 21:03:20 UTC
From: Callum M0MCX
Topic: 2396 Message: 2438

Ron Vine in the UK told me that someone did actually leave these in, hence my comment originally.

Callum McCormick

http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: 26 February 2008 20:59
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

FWIW, mine definitely are NOT labeled "REMOVE". However, the manual
does say "remove the plastic tubes holders". Perhaps Acom started
labeling them because lots of folks were leaving them in.

Can we please dispense with ad hominem attacks?

73,
Barry N1EU

On Tue, Feb 26, 2008 at 8:42 PM, N2TK <tony.kaz@... <mailto:tony.kaz%40verizon.net> >
wrote:
>
>
>
>
>
>
> It seems there is a difference between the earlier 2000a's and the newer
> ones. With the earlier ones you leave in the spacers which hold down the
> tubes. It sounds like this was changed in newer units. Mine have been in
> for
> several years (6100 hours).
>
> 73,
> N2TK/NP2, Tony
>
>
> _____
>
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On
> Behalf
> Of k2qmf@... <mailto:k2qmf%40juno.com>
>
> Sent: Tuesday, February 26, 2008 3:11 PM

> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Cc: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
>
> Subject: Re: [acom-list] Acom 2000A questions
>
> Why is it not good????
>
> Mine have been on for years with no problem...
>
> Ted K2QMF
>
> On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"
> <callum@mccormick. <mailto:callum%40mccormick.uk.com> uk.com> writes:
> > >>> remove before switch on the amp
> > >
> > > Yes, these are the ones!
> > >
> > > I heard of someone who didn't remove them and it's not good :)
> > >
> > > (Not me)
> > >
> > > Callum McCormick
> > > http://www.m0mcx. <http://www.m0mcx.co.uk/> co.uk/
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> > >
> > > Yahoo! Groups Links
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> > >
> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2439. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 21:06:17 UTC
From: N2TK
Topic: 2396 Message: 2439

Hi Kees,
No, I am not mixing up the rubber chimneys from the spacers that are attached to the top cover that hold the tubes in place.
73,
N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kees - pa7two
Sent: Tuesday, February 26, 2008 4:02 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Acom 2000A questions

Do you mixed up the spacers & to the rubber cooling sleeves?

Vy 73, de Kees

Member of an all HAM family

LetYourFingersTalk! CW is THE mode!

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
From: tony.kaz@verizon. <mailto:tony.kaz%40verizon.net> net
Date: Tue, 26 Feb 2008 15:42:51 -0500
Subject: RE: [acom-list] Acom 2000A questions

It seems there is a difference between the earlier 2000a's and the newer

ones. With the earlier ones you leave in the spacers which hold down the

tubes. It sounds like this was changed in newer units. Mine have been in for

several years (6100 hours).

73,

N2TK/NP2, Tony

From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf

Of k2qmf@... <mailto:k2qmf%40juno.com>

Sent: Tuesday, February 26, 2008 3:11 PM

To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com

Cc: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com

Subject: Re: [acom-list] Acom 2000A questions

Why is it not good????

Mine have been on for years with no problem...

Ted K2QMF

On Tue, 26 Feb 2008 18:47:08 -0000 "Callum M0MCX"

<callum@mccormick. <mailto:callum%40mccormick.uk.com> uk.com> writes:

> >>> remove before switch on the amp

>

> Yes, these are the ones!

>

> I heard of someone who didn't remove them and it's not good :)

>

> (Not me)

>

> Callum McCormick

> http://www.m0mcx. <http://www.m0mcx. <http://www.m0mcx.co.uk/> co.uk/>
co.uk/

>

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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

Need to know the score, the latest news, or you need your HotmailR-get your
"fix".
http://www.msnmobil <http://www.msnmobilefix.com/Default.aspx>
efix.com/Default.aspx

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2440. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 22:07:49 UTC
From: Kees - pa7two
Topic: 2396 Message: 2440

Tony,

In that case, why not ask ACOM factory for their advice? ACOM I found extremely helpful in answering questions.

Vy 73, de Kees

Member of an all HAM family

LetYourFingersTalk! CW is THE mode!

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: tony.kaz@...
Date: Tue, 26 Feb 2008 16:06:17 -0500
Subject: RE: [acom-list] Acom 2000A questions

Hi Kees,

No, I am not mixing up the rubber chimneys from the spacers that are

attached to the top cover that hold the tubes in place.

73,

N2TK/NP2, Tony

_____
Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2441. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 22:27:31 UTC
From: John Peters
Topic: 2396 Message: 2441

Bruce, My XYL went to high school with Clint Eastwood. Must be rubbing off on me. .....you're thinking did I fire 6 shots or only 5 aren't you punk?... He was a good mayor too.

For the guy who left the spacers (tube hold down spacers) in, DON'T TRY RTTY. The only problem is restricted cooling air to the finals. You have been lucky and have a low duty cycle on the finals in your operating mode.

John K1ER
----- Original Message -----
From: bmarton
To: acom-list@yahoogroups.com
Sent: Tuesday, February 26, 2008 10:10 AM
Subject: RE: [acom-list] Acom 2000A questions

Oh My God!!!! John you could not have said it too soon!

This reminds me of the Corvette meets where some dubber with far too much money on his hands (or the ability to get too much credit) shows up with a new 535 hp Z06 and a pocket protector full of pens and he still cannot see over the steering wheel. As Josie Wales once said, "A man needs to know his limitations", or was it Dirty Harry?

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Tuesday, February 26, 2008 3:02 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

It is hard to believe that this level of instruction is required for anyone buying such an expensive amp.

The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
The silicon rubber sleeves around the tubes (valves) directs the air through the fins in the Anode. LEAVE IN PLACE.
The spacers labeled "REMOVE" between the tubes (valves) and the cover are designed to prevent the tubes (valves) from coming out of the socket during shipment. REMOVE THEM. That is why they are loose when you removed the cover to install the Transformer. (The heavy black thing with 4 sets of wires held down by 4 bolts.)

Are you sure you are ready for an amplifier?

73
John K1ER

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2903 (20080226) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2442. Fw: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 22:33:54 UTC
From: bmarton
Topic: 2442 Message: 2442

Subject: Re: [acom-list] Acom 2000A questions

> John,
>
> Clint by far had the most memorable lines.... and they apply so well to
> so many areas of discussion. I rest my case
>
> Bruce K1XR
>
>
>
>
> ----- Original Message -----
> From: "John Peters" <petersj007@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, February 26, 2008 5:27 PM
> Subject: Re: [acom-list] Acom 2000A questions
>
>
>> Bruce, My XYL went to high school with Clint Eastwood. Must be rubbing
>> off on me. .....you're thinking did I fire 6 shots or only 5 aren't you
>> punk?... He was a good mayor too.
>>
>> For the guy who left the spacers (tube hold down spacers) in, DON'T TRY
>> RTTY. The only problem is restricted cooling air to the finals. You
>> have been lucky and have a low duty cycle on the finals in your operating
>> mode.
>>
>> John K1ER
>> ----- Original Message -----
>> From: bmarton
>> To: acom-list@yahoogroups.com
>> Sent: Tuesday, February 26, 2008 10:10 AM
>> Subject: RE: [acom-list] Acom 2000A questions
>>
>>
>> Oh My God!!!! John you could not have said it too soon!
>>
>> This reminds me of the Corvette meets where some dubber with far too
>> much
>> money on his hands (or the ability to get too much credit) shows up with
>> a
>> new 535 hp Z06 and a pocket protector full of pens and he still cannot
>> see
>> over the steering wheel. As Josie Wales once said, "A man needs to know

>> his limitations", or was it Dirty Harry?
>>
>> Bruce K1XR
>>
>> _____
>>
>> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
>> Behalf
>> Of John Peters
>> Sent: Tuesday, February 26, 2008 3:02 PM
>> To: acom-list@yahoogroups.com
>> Subject: Re: [acom-list] Acom 2000A questions
>>
>> It is hard to believe that this level of instruction is required for
>> anyone
>> buying such an expensive amp.
>>
>> The screen above the tubes (valves) keeps bugs out. LEAVE IN PLACE.
>> The silicon rubber sleeves around the tubes (valves) directs the air
>> through
>> the fins in the Anode. LEAVE IN PLACE.
>> The spacers labeled "REMOVE" between the tubes (valves) and the cover
>> are
>> designed to prevent the tubes (valves) from coming out of the socket
>> during
>> shipment. REMOVE THEM. That is why they are loose when you removed the
>> cover
>> to install the Transformer. (The heavy black thing with 4 sets of wires
>> held
>> down by 4 bolts.)
>>
>> Are you sure you are ready for an amplifier?
>>
>> 73
>> John K1ER
>>
>> [Non-text portions of this message have been removed]
>>
>> __________ Information from ESET NOD32 Antivirus, version of virus
>> signature
>> database 2903 (20080226) __________
>>
>> The message was checked by ESET NOD32 Antivirus.
>>
>> http://www.eset.com
>>
>> [Non-text portions of this message have been removed]
>>
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>>
>> [Non-text portions of this message have been removed]
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>>
>> __________ Information from ESET NOD32 Antivirus, version of virus
>> signature database 2903 (20080226) __________
>>
>> The message was checked by ESET NOD32 Antivirus.
>>
>> http://www.eset.com
>>
>
>
> __________ Information from ESET NOD32 Antivirus, version of virus
> signature database 2903 (20080226) __________
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>
>

2443. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-26 23:21:28 UTC
From: k2qmf@juno.com
Topic: 2396 Message: 2443

There is NO air restriction...

Ted K2QMF

On Tue, 26 Feb 2008 12:27:31 -1000 "John Peters"
<petersj007@...> writes:
> Bruce, My XYL went to high school with Clint Eastwood. Must be
> rubbing off on me. .....you're thinking did I fire 6 shots or only
> 5 aren't you punk?... He was a good mayor too.
>
> For the guy who left the spacers (tube hold down spacers) in, DON'T
> TRY RTTY. The only problem is restricted cooling air to the finals.
> You have been lucky and have a low duty cycle on the finals in
> your operating mode.
>
> John K1ER
> ----- Original Message -----
> From: bmarton
> To: acom-list@yahoogroups.com
> Sent: Tuesday, February 26, 2008 10:10 AM
> Subject: RE: [acom-list] Acom 2000A questions
>
>
> Oh My God!!!! John you could not have said it too soon!
>
> This reminds me of the Corvette meets where some dubber with far
> too much
> money on his hands (or the ability to get too much credit) shows
> up with a
> new 535 hp Z06 and a pocket protector full of pens and he still
> cannot see
> over the steering wheel. As Josie Wales once said, "A man needs to
> know
> his limitations", or was it Dirty Harry?
>
> Bruce K1XR
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of John Peters
> Sent: Tuesday, February 26, 2008 3:02 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] Acom 2000A questions

>
> It is hard to believe that this level of instruction is required
> for anyone
> buying such an expensive amp.
>
> The screen above the tubes (valves) keeps bugs out. LEAVE IN
> PLACE.
> The silicon rubber sleeves around the tubes (valves) directs the
> air through
> the fins in the Anode. LEAVE IN PLACE.
> The spacers labeled "REMOVE" between the tubes (valves) and the
> cover are
> designed to prevent the tubes (valves) from coming out of the
> socket during
> shipment. REMOVE THEM. That is why they are loose when you removed
> the cover
> to install the Transformer. (The heavy black thing with 4 sets of
> wires held
> down by 4 bolts.)
>
> Are you sure you are ready for an amplifier?
>
> 73
> John K1ER
>
> [Non-text portions of this message have been removed]
>
> __________ Information from ESET NOD32 Antivirus, version of virus
> signature
> database 2903 (20080226) __________
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>
> [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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>

2444. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 15:04:45 UTC
From: N2TK
Topic: 2396 Message: 2444

Kees,
When I bought the amp from Krassy and when we used the amp together at V26B he told me to leave the spacers attached to the lid. I have been getting private emails that others have kept the spacers attached. It seems that Acom may have changed the spacers or the need to keep the spacers installed on latter amps.

And yes, I agree that the support from Acom has been very good, even after the warranty expired.

By the way, when I get back from KP2 I hope the GU74B socket has been delivered so I can make up a test fixture to apply heater voltage and check for a cathode-grid short.

73,
N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kees - pa7two
Sent: Tuesday, February 26, 2008 5:08 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Acom 2000A questions

Tony,

In that case, why not ask ACOM factory for their advice? ACOM I found extremely helpful in answering questions.

Vy 73, de Kees

Member of an all HAM family

LetYourFingersTalk! CW is THE mode!

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
From: tony.kaz@verizon. <mailto:tony.kaz%40verizon.net> net
Date: Tue, 26 Feb 2008 16:06:17 -0500
Subject: RE: [acom-list] Acom 2000A questions

Hi Kees,

No, I am not mixing up the rubber chimneys from the spacers that are

attached to the top cover that hold the tubes in place.

73,

N2TK/NP2, Tony

Connect and share in new ways with Windows Live.
http://www.windowsl
<http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008
> ive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2445. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 15:12:04 UTC
From: Barry N1EU
Topic: 2396 Message: 2445

On Wed, Feb 27, 2008 at 10:04 AM, N2TK <tony.kaz@...> wrote:
> When I bought the amp from Krassy and when we used the amp together at V26B
> he told me to leave the spacers attached to the lid.

I thought the questionable spacers we were talking about were the gray
plastic spacers that rest on the top of the tube fins, not the
cylindrical spacers attached to the lid.

73,
Barry N1EU

2446. RE: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 15:18:04 UTC
From: N2TK
Topic: 2396 Message: 2446

Barry,
Maybe there is confusion. I have been talking about the spacers attached to the lid. These I left attached.
73,
N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Wednesday, February 27, 2008 10:12 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

On Wed, Feb 27, 2008 at 10:04 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:
> When I bought the amp from Krassy and when we used the amp together at V26B
> he told me to leave the spacers attached to the lid.

I thought the questionable spacers we were talking about were the gray plastic spacers that rest on the top of the tube fins, not the cylindrical spacers attached to the lid.

73,
Barry N1EU

[Non-text portions of this message have been removed]

2447. Re: [acom-list] Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 16:25:03 UTC
From: Sigismonti Ronald
Topic: 2396 Message: 2447

FINALLY! I waited to post the obvious until I got through all of
these emails regarding "spacers" and the standoffs that are attached
to the case.

Sig

On Feb 27, 2008, at 10:18 AM, N2TK wrote:

Barry,
Maybe there is confusion. I have been talking about the spacers
attached to
the lid. These I left attached.
73,
N2TK/NP2, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf
Of Barry N1EU
Sent: Wednesday, February 27, 2008 10:12 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000A questions

On Wed, Feb 27, 2008 at 10:04 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:
> When I bought the amp from Krassy and when we used the amp
together at
V26B
> he told me to leave the spacers attached to the lid.

I thought the questionable spacers we were talking about were the gray
plastic spacers that rest on the top of the tube fins, not the
cylindrical spacers attached to the lid.

73,
Barry N1EU

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2448. Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 19:46:48 UTC
From: Dick Green
Topic: 2396 Message: 2448

N2TK wrote:

> No, I am not mixing up the rubber chimneys from the spacers that are
> attached to the top cover that hold the tubes in place.
> 73,
> N2TK/NP2, Tony

I had to read this thread several times, check my amp, and the box it came in, to understand the misunderstanding that's going on here.

I have a relatively early 2000A, and it was shipped with two gray plastic tubes holding the tubes down. I found them in the box. The tubes are about 2" in diameter and are flared on one end to fit over the rounded skirt below the plate cap. They also have a cutout in the side for the plate tap. Each one has a black rubber cap with a hole in it to allow the tube spacer (see below) to pass through. The cap fits against the top cover. There was a label packed inside the amp that warned to remove the tubes prior to use. These tubes *must* be removed.

The amp also has two tubular plastic spacers screwed to the top cover. These tubes are a little less than 1/2" in diameter and a little over 2" long. Each has a red silicone pad at the bottom that fits into a recess in the plate cap. Without removing the top cover, I can't tell whether the tubes are plastic or ceramic. Either they're ceramic, or the silicone pad prevents the plastic from melting. These tubes should *not* be removed. I've run my amp with them in place for about 7 years. Note that my Alpha 87A has an almost identical set of spacers between the top cover and the tubes. I've run that amp with the tubes in place for over 12 years. My guess is that the spacers ensure the tubes are properly seated during operation.

I don't see how the gray plastic tubes could be left in place without melting or at least showing signs of damage from heat, and they would probably restrict airflow. My guess is that no one on this reflector has left them in place. Those who say they have are probably thinking of the much smaller spacers between the cover and tubes.

Make sense?

73, Dick WC1M

2449. Re: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-27 20:50:09 UTC
From: k2qmf@juno.com
Topic: 2396 Message: 2449

Yes, I sure does make sense now! I was talking about the small (1/2" dia)
spacers which are still in my 2000A and the amp works just fine even on RTTY!!

I have never seen the larger spacers as I purchased my amp used.
I guess they were removed by the original owner.

Many Thanks Dick for clearing this up.

73,
Ted K2QMF

On Wed, 27 Feb 2008 19:46:48 -0000 "Dick Green" <wc1m@...> writes:
> N2TK wrote:
>
> > No, I am not mixing up the rubber chimneys from the spacers that
> are
> > attached to the top cover that hold the tubes in place.
> > 73,
> > N2TK/NP2, Tony
>
> I had to read this thread several times, check my amp, and the box
> it
> came in, to understand the misunderstanding that's going on here.
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> I have a relatively early 2000A, and it was shipped with two gray
> plastic tubes holding the tubes down. I found them in the box. The
> tubes are about 2" in diameter and are flared on one end to fit over
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> the rounded skirt below the plate cap. They also have a cutout in
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> side for the plate tap. Each one has a black rubber cap with a hole
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> in it to allow the tube spacer (see below) to pass through. The cap
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> fits against the top cover. There was a label packed inside the amp
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> that warned to remove the tubes prior to use. These tubes *must* be
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> removed.
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> The amp also has two tubular plastic spacers screwed to the top
> cover. These tubes are a little less than 1/2" in diameter and a
> little over 2" long. Each has a red silicone pad at the bottom that
>

> fits into a recess in the plate cap. Without removing the top cover,
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> spacers between the top cover and the tubes. I've run that amp with
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> thinking
> of the much smaller spacers between the cover and tubes.
>
> Make sense?
>
> 73, Dick WC1M
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> Yahoo! Groups Links
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2450. Re: [acom-list] Re: Acom 2000A questions

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-28 11:47:45 UTC
From: Fernando González
Topic: 2396 Message: 2450

Ok, guys. Now I understand. Have to take the top cover off again to put those spacers attached to the top screen back in place...je. It does make sense to me now too. I doubt that someone could leave those big and grey pvc protectors over the tubes as they´re clearly marked as ¨REMOVE BEFORE USE¨. A picture have worth a try. Thanks, great and helpful forum.
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: k2qmf@juno.com
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Sent: Wednesday, February 27, 2008 9:50 PM
Subject: Re: [acom-list] Re: Acom 2000A questions

Yes, I sure does make sense now! I was talking about the small (1/2"
dia)
spacers which are still in my 2000A and the amp works just fine even on
RTTY!!

I have never seen the larger spacers as I purchased my amp used.
I guess they were removed by the original owner.

Many Thanks Dick for clearing this up.

73,
Ted K2QMF

On Wed, 27 Feb 2008 19:46:48 -0000 "Dick Green" <wc1m@...> writes:
> N2TK wrote:
>
> > No, I am not mixing up the rubber chimneys from the spacers that
> are
> > attached to the top cover that hold the tubes in place.
> > 73,
> > N2TK/NP2, Tony
>
> I had to read this thread several times, check my amp, and the box
> it
> came in, to understand the misunderstanding that's going on here.
>
> I have a relatively early 2000A, and it was shipped with two gray
> plastic tubes holding the tubes down. I found them in the box. The
> tubes are about 2" in diameter and are flared on one end to fit over
>
> the rounded skirt below the plate cap. They also have a cutout in

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> side for the plate tap. Each one has a black rubber cap with a hole
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> in it to allow the tube spacer (see below) to pass through. The cap
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> that warned to remove the tubes prior to use. These tubes *must* be
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> removed.
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> The amp also has two tubular plastic spacers screwed to the top
> cover. These tubes are a little less than 1/2" in diameter and a
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> fits into a recess in the plate cap. Without removing the top cover,
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> I can't tell whether the tubes are plastic or ceramic. Either
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> ceramic, or the silicone pad prevents the plastic from melting.
> These
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> the tubes in place for over 12 years. My guess is that the spacers
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> I don't see how the gray plastic tubes could be left in place
> without
> melting or at least showing signs of damage from heat, and they
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> probably restrict airflow. My guess is that no one on this reflector
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> has left them in place. Those who say they have are probably
> thinking
> of the much smaller spacers between the cover and tubes.
>
> Make sense?
>
> 73, Dick WC1M
>
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> Yahoo! Groups Links

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.516 / Virus Database: 269.21.1/1300 - Release Date: 26/02/2008 19:50

[Non-text portions of this message have been removed]

2451. Time to summarize the tube and the spacer issue

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-28 14:56:56 UTC
From: kamarty456
Topic: 2451 Message: 2451

The cover has two exhaust holes with expanded metal [metal screen]
screwed to it. LEAVE IT ON!

Then, you have those narrow white "posts/spacers" attached to the top
cover. They also have a red silicon rubber disc attached to it.
LEAVE IT ON!

You have the red or white silicon rubber chimney wrapped around the
tube. The air flow sensor and the anode connection are going through
the rubber. LEAVE IT ON!

You also HAD inside the tube chimneys a grey plastic tube with maybe
a rubber top loosely placed. The tube has a slot for the anode wire
to pass through it. This is the shipping "tube holder". Most folks
when initiating their amplifier for the first time saw a label that
said "remove this" REMOVE THESE! DO NOT LEAVE THESE IN THE CHIMNEY AS
IT WILL EFFECT THE AIR FLOW AND COOLING!

I think this sums up the discussion. I note when reading all the
comments on this topic it was becoming very confusing. Everyone
identified things differently and it was starting to become chaos.

I hope this post puts everything into perspective.

Marty KA7GKN

2452. Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-29 02:31:38 UTC
From: Mel Whitten
Topic: 2452 Message: 2452

I am adding a LP-100A digital vector RF watter meter that includes high SWR protection by opening the PTT (Key in) line. I quesiton if this meter's PTT control is really necessary for the 2000A since it already has this protection. Anyone using this meter and if so did you route the PTT line via the LP-100?
Thanks
Mel, K0PFX

[Non-text portions of this message have been removed]

2453. RE: [acom-list] Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-29 03:08:56 UTC
From: Howard Klein
Topic: 2452 Message: 2453

Mel,
I did have thhe meter and did not route PTT line thru LP 100.
[Non-text portions of this message have been removed]

2454. RE: [acom-list] Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-29 04:13:03 UTC
From: Robert Naumann
Topic: 2452 Message: 2454

I don't know how that meter works, but I do know that the Array Solutions Power Master allows you to set specific SWR levels and also at specific power levels - both high and low - which will also open the PTT line when those limits are passed.

If you want to more tightly control what happens, perhaps you would want to use these features.

73,

Bob W5OV

-----Original Message-----
From: Mel Whitten [mailto:mel@...]
Sent: Thursday, February 28, 2008 8:32 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Key in line and LP-100A watt meter

I am adding a LP-100A digital vector RF watter meter that includes high SWR protection by opening the PTT (Key in) line. I quesiton if this meter's PTT control is really necessary for the 2000A since it already has this protection. Anyone using this meter and if so did you route the PTT line via the LP-100?
Thanks
Mel, K0PFX

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2455. Re: [acom-list] Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-29 04:47:57 UTC
From: Bill NY9H
Topic: 2452 Message: 2455

i have both but not wired it into the loop.

I imagine you'd have to set it to above where the 2000a kicks out ???

To a bad 8-1 swr I wonder which would kick open first ?

bill

At 08:31 PM 2/28/2008, you wrote:
>I am adding a LP-100A digital vector RF watter meter that includes
>high SWR protection by opening the PTT (Key in) line. I quesiton if
>this meter's PTT control is really necessary for the 2000A since it
>already has this protection. Anyone using this meter and if so did
>you route the PTT line via the LP-100?
>Thanks
>Mel, K0PFX
>
>[Non-text portions of this message have been removed]
>
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>
>Yahoo! Groups Links
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2456. RE: [acom-list] Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-02-29 13:27:58 UTC
From: Kirk
Topic: 2452 Message: 2456

Mel,

I use the Array Solutions
http://www.arraysolutions.com/Products/powermaster.htm#top%20of%20page
"PowerMaster Station Monitor, VSWR & RF Power Meter," which allows you to
set a VSWR level. Once this level is reached a protection circuit opens,
disabling the amp. The response is immediate and very effective. There
have been a few times where I got in a hurry and failed to change my 4 EL
SteppIR band settings. The Power Meter caught the error and even before my
Acom 2000a shut down, stopped transmission. Very effective, indeed.
Obviously, I try to watch this. But s. happens when you get in a hurry!!

Regards,

Kirk, K6KAR

Niceville, FL

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Mel Whitten
Sent: Thursday, February 28, 2008 8:32 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Key in line and LP-100A watt meter

I am adding a LP-100A digital vector RF watter meter that includes high SWR
protection by opening the PTT (Key in) line. I quesiton if this meter's PTT
control is really necessary for the 2000A since it already has this
protection. Anyone using this meter and if so did you route the PTT line via
the LP-100?
Thanks
Mel, K0PFX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2457. ACOM100 - TVI ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-01 07:37:24 UTC
From: ciccio1973male
Topic: 2457 Message: 2457

Gm om, I am a happy holder of a ACOM1000.
In recent days, I noticed during the transmission also a media power, interference only on TV my house. After checks in my station and in the TV antenna included, I have discovered that the nterferenza came from the TV power supply 220v, I put in a series for dell'acom1000 filter power solving every problem. few of you noticed the same potreblema? In the schematic dell'acom1000 known core/inductance the entrance of a power supply 220v, and perhaps' too low?

73 de IZ0CIV Antonio

2458. Key in line and LP-100A watt meter

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-01 15:24:39 UTC
From: Mel Whitten
Topic: 2452 Message: 2458

Thanks to everyone for responding to my inquiry about using the LP-100A with the 2000A. I will not be using the PTT SWR protection via LP-100.

Mel, K0PFX

[Non-text portions of this message have been removed]

2459. gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 22:39:51 UTC
From: paul glassman
Topic: 2459 Message: 2459

hi all,
I am new to the list so allow me to apologize for bringing up a topic that has probably been throughly hashed out. I have an acom 2000a. Where can I find reasonably prices gu74b's? Is it smart to send $$ to russia latvia etc. anticipating the arrival of gu74b's? thanks in advance paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

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[Non-text portions of this message have been removed]

2460. Re: gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 22:41:26 UTC
From: paul glassman
Topic: 2459 Message: 2460

--- paul glassman <highschooldiving@...> wrote:

> hi all,
> I am new to the list so allow me to apologize
> for bringing up a topic that has probably been
> throughly hashed out. I have an acom 2000a. Where
> can I find reasonably prices gu74b's? Is it smart
> to send $$ to russia latvia etc. anticipating the
> arrival of gu74b's?
> thanks in advance paul w8jn
>
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

2461. Re: [acom-list] gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 22:48:09 UTC
From: bmartn
Topic: 2459 Message: 2461

Paul,

As has been heavily discussed over the past three weeks, there 'appears' to be a shortage of finals available on the open market. And there is of course always the issue of finding properly matched tubes. I personally am very concerned with the tubes being matched as my first set was not well matched, or should I say became less matched after a short period of time due to one tube working its way to 6 feet under.

My current set is a near ideal match and they run within a degree of so of each other in temperature while being operated.

Now here is an interesting tid bit of information; I was on the air yesterday chatting with a gent who is a radio tech and who works on many different amps. He mentioned to me that the manufacturers are purposely not producing any new stock of GU-74B's so that the current 'glut' of NOS are consumed which will permit them to raise the prices of new stock.... interesting

Bruce K1XR

----- Original Message -----
From: "paul glassman" <highschooldiving@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, March 02, 2008 5:39 PM
Subject: [acom-list] gu74b

> hi all,
> I am new to the list so allow me to apologize for bringing up a topic
> that has probably been throughly hashed out. I have an acom 2000a. Where
> can I find reasonably prices gu74b's? Is it smart to send $$ to russia
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> thanks in advance paul w8jn
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> Quantum materiae materietur marmota monax
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>
> ---------------------------------
> Never miss a thing. Make Yahoo your homepage.
>
> [Non-text portions of this message have been removed]
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>

> __________ Information from ESET NOD32 Antivirus, version of virus
> signature database 2914 (20080302) __________
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>

2462. Re: [acom-list] gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 23:16:02 UTC
From: paul glassman
Topic: 2459 Message: 2462

Bruce,
Thanks for the update. There still appears to be a
lot advertised from every street vendor in the old
USSR. Is it safe to send these guys any money?
Also..... several years back I came across what
appears to be a NOS set of gu74b's. They have been
sitting in my closet until I read about the current
situation. I have taken them out of the dust. They are
untested. Is there any danger to my 2000a to "stick em
in" and fire it up to test?
regards paul w8jn

--- bmartn <bmarton@...> wrote:

> Paul,
>
> As has been heavily discussed over the past three
> weeks, there 'appears' to
> be a shortage of finals available on the open
> market. And there is of
> course always the issue of finding properly matched
> tubes. I personally am
> very concerned with the tubes being matched as my
> first set was not well
> matched, or should I say became less matched after a
> short period of time
> due to one tube working its way to 6 feet under.
>
> My current set is a near ideal match and they run
> within a degree of so of
> each other in temperature while being operated.
>
> Now here is an interesting tid bit of information;
> I was on the air
> yesterday chatting with a gent who is a radio tech
> and who works on many
> different amps. He mentioned to me that the
> manufacturers are purposely not
> producing any new stock of GU-74B's so that the
> current 'glut' of NOS are
> consumed which will permit them to raise the prices
> of new stock....
> interesting
>
> Bruce K1XR

>
> ----- Original Message -----
> From: "paul glassman" <highschooldiving@...>
> To: <acom-list@yahoogroups.com>
> Sent: Sunday, March 02, 2008 5:39 PM
> Subject: [acom-list] gu74b
>
>
> > hi all,
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> have an acom 2000a. Where
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> >
> > [Non-text portions of this message have been
> removed]
> >
> >
> >
> >
> > __________ Information from ESET NOD32 Antivirus,
> version of virus
> > signature database 2914 (20080302) __________
> >
> > The message was checked by ESET NOD32 Antivirus.
> >
> > http://www.eset.com
> >
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

2463. Re: [acom-list] gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 23:25:31 UTC
From: Paul M Dunphy
Topic: 2459 Message: 2463

>They are
>untested. Is there any danger to my 2000a to "stick em
>in" and fire it up to test?
> regards paul w8jn

I did with an ACOM-1000, but you are on your own if you try
this. I only did it because I could find no other way:

http://www.ve1dx.net/acomtube/

Just because I got away with it is no guarantee anyone else will . . ..

73/DX Paul VE1DX

2464. Re: [acom-list] gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-02 23:34:19 UTC
From: paul glassman
Topic: 2459 Message: 2464

Paul,
tnx es 73 paul w8jn
--- Paul M Dunphy <amplifier@...> wrote:

>
> >They are
> >untested. Is there any danger to my 2000a to "stick
> em
> >in" and fire it up to test?
> > regards paul w8jn
>
> I did with an ACOM-1000, but you are on your
> own if you try
> this. I only did it because I could find no other
> way:
>
> http://www.ve1dx.net/acomtube/
>
> Just because I got away with it is no guarantee
> anyone else will . . ..
>
> 73/DX Paul VE1DX
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

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http://www.yahoo.com/r/hs

2465. Svetlana 4CX800As

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-03 19:45:50 UTC
From: Paul M Dunphy
Topic: 2465 Message: 2465

I have a pair of Svetlana 4CX800As that I got from RF parts about 10-11 months ago. They are in the original boxes and were never plugged into anything. They look like shinny new Eimac tubes except they say Svetlana on them, and the boxes they are in say "St Petersburg, Russia."

I'm willing to part with them as I have a pair of GU-74bs as spares. If anyone is interested, email me privately at "amplifier at ve1dx dot net"

73/DX Paul VE1DX

2466. Svetlana 4CX800As - Supplemental

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-03 23:26:54 UTC
From: Paul M Dunphy
Topic: 2466 Message: 2466

If buying and selling on this list violates it's policy, I
apologize! I got a number of private emails all asking for details
and price. Here are the details:

I dug out the invoice, scanned it in and put it on my web site:

http://www.ve1dx.net/4cx800a_invoice/

It is dated 24 April 2007, and it says "NEW SVETLANA 4CX800A NOT
RUSSIAN SURPLUS S/N 01233, 01224", unit price $349.00 for a total of $698.00.

I'd sell them for what I paid for them plus whatever it costs to
ship them. It cost me $39.00 to have them shipped from California to
here (Nova Scotia.) If anyone is still interested, email me privately at:

amplifier at ve1dx dot net

If you are still interested, I can find out the shipping cost
from the post Office if you give me your address.

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

2467. Svetlana 4CX800As - SOLD

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 00:23:11 UTC
From: Paul M Dunphy
Topic: 2467 Message: 2467

The title says it all. Thanks to all (literally a dozen!) who inquired . . .

73/DX Paul VE1DX

2468. Re: [acom-list] Svetlana 4CX800As - Supplemental

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 09:31:41 UTC
From: John Peters
Topic: 2466 Message: 2468

RF Parts still lists the Svetlana tubes, single, matched pair and matched sets of 3 but the prices have gone up.

73 John K1ER
----- Original Message -----
From: Paul M Dunphy
To: ACOM List
Sent: Monday, March 03, 2008 1:26 PM
Subject: [acom-list] Svetlana 4CX800As - Supplemental

If buying and selling on this list violates it's policy, I
apologize! I got a number of private emails all asking for details
and price. Here are the details:

I dug out the invoice, scanned it in and put it on my web site:

http://www.ve1dx.net/4cx800a_invoice/

It is dated 24 April 2007, and it says "NEW SVETLANA 4CX800A NOT
RUSSIAN SURPLUS S/N 01233, 01224", unit price $349.00 for a total of $698.00.

I'd sell them for what I paid for them plus whatever it costs to
ship them. It cost me $39.00 to have them shipped from California to
here (Nova Scotia.) If anyone is still interested, email me privately at:

amplifier at ve1dx dot net

If you are still interested, I can find out the shipping cost
from the post Office if you give me your address.

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2469. RE: [acom-list] Re: gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 12:09:39 UTC
From: Kees - pa7two
Topic: 2459 Message: 2469

Dear ACOM group members,

At the moment I have four NOS GU74B tubes for sale. 120 Euro per tube, ex shipping costs. No matched pairs available for now.

If any of the above is of interest for you, please contact me via e-mail. (my callsign @ amsat . org)

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO

To: acom-list@yahoogroups.com
From: highschooldiving@...
Date: Sun, 2 Mar 2008 14:41:26 -0800
Subject: [acom-list] Re: gu74b

--- paul glassman <highschooldiving@...> wrote:

> hi all,

> I am new to the list so allow me to apologize

> for bringing up a topic that has probably been

> throughly hashed out. I have an acom 2000a. Where

> can I find reasonably prices gu74b's? Is it smart

> to send $$ to russia latvia etc. anticipating the

> arrival of gu74b's?

> thanks in advance paul w8jn

>

>

> Quantum materiae materietur marmota monax

> si marmota monax materiam possit materiari?

Quantum materiae materietur marmota monax

si marmota monax materiam possit materiari?

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http://biggestloser.msn.com/

[Non-text portions of this message have been removed]

2470. Re: [acom-list] Svetlana 4CX800As - Supplemental

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 21:58:21 UTC
From: Dennis Vernacchia
Topic: 2466 Message: 2470

I spike with the owner of RF Parts Yesterday

He does not have ANY SVETLANA 4CX800s and does not know when he will receive
any in future
from SVETLANA

73, Dennis N6KI

On Tue, Mar 4, 2008 at 1:31 AM, John Peters <petersj007@...>
wrote:

> RF Parts still lists the Svetlana tubes, single, matched pair and
> matched sets of 3 but the prices have gone up.
>
> 73 John K1ER
> ----- Original Message -----
> From: Paul M Dunphy
> To: ACOM List
> Sent: Monday, March 03, 2008 1:26 PM
> Subject: [acom-list] Svetlana 4CX800As - Supplemental
>
> If buying and selling on this list violates it's policy, I
> apologize! I got a number of private emails all asking for details
> and price. Here are the details:
>
> I dug out the invoice, scanned it in and put it on my web site:
>
> http://www.ve1dx.net/4cx800a_invoice/
>
> It is dated 24 April 2007, and it says "NEW SVETLANA 4CX800A NOT
> RUSSIAN SURPLUS S/N 01233, 01224", unit price $349.00 for a total of
> $698.00.
>
> I'd sell them for what I paid for them plus whatever it costs to
> ship them. It cost me $39.00 to have them shipped from California to
> here (Nova Scotia.) If anyone is still interested, email me privately at:
>
> amplifier at ve1dx dot net
>
> If you are still interested, I can find out the shipping cost
> from the post Office if you give me your address.
>
> 73/DX Paul VE1DX
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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2471. Fw: [acom-list] To the owners of linears using the 4CX800A tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 22:11:56 UTC
From: JOEL
Topic: 2471 Message: 2471

----- Original Message -----
From: K2QBV@...
To: acom-list@yahoogroups.com
Sent: Saturday, February 02, 2008 5:51 PM
Subject: [acom-list] To the owners of linears using the 4CX800A ceramic tubes

TO THE OWNERS OF LINEARS USING 4CX800A TUBES.......

On February 2nd and 3rd I posted an e-mail on this reflector concerning the purchase of GU74B ceramic tubes. I outlined a few possibilities mentioned again below and in the February 3rd e-mail I posted.

Here are the results and a few facts as promised;

1, A few responders have mentioned the fact that the GU74B were not being made anymore and have not been manufactured for years. This is correct for the Russian company is allowing all the NOS tubes to be soldout from existing european stock. When stock is at an all time low, they will resume production at a much higher price per tube.

2,There is no current plan to not sell GU74B tubes to the states as some people expressed. Other countries are selling only ones and twos and no quanity of any kind, just theNOS units. Most of the time the tubes sold over the internet, etc are not matched or tested in anyway.

3, GU74B units will be available to the 70+ or so people that have e mailed me on the reflector. Availability is mid-April coming out of Europe and you will be dealing directly with a sizeable radio distributor at that time.

4, Quanity pricing is still being worked on. At this point however, the price per GU74B is approx $200. each (US). Since nothing is coming thru this New York location, shipping will be extra but not a lot of concern.

5, Each GU74B tube will be TESTED and MATCHED before being shipped. The NOS tubes were the last batch before production stopped. Nothing is NEW and manufactured off the last production line.

6, When I get the final acceptance on quanity from the supplier, I will announce the name of the company. At that point, people interested in buying will contact the company directly and provide a credit card directly. The supplier is an established large company and well known in Europe and the UK.

7, I have been informed informed that a lot of tubes recently purchased off the internet or web pages were not up to specs and indeed a gamble. Prices were very high and creeping up each week.

8, I am not involved in the purchasing or selling of these amplifier tubes. I felt that my time spent in the overseas business with international suppliers would help other 4CX800A owners. I am retired and not in the business of selling tubes or anything in that area.

Any questions that you may, have send me an e mail.

Joel, K2QBV in New York
k2qbv@...

TO OWNERS OF LINEARS USING THE 4CX800A CERAMIC TUBES

That's nice and all but no one is trying to establish a plan to purchase this tube anywhere. Let me roll this one out to everybody.....

I need to know how many linear owners would like to purchase these tubes as my company presently buys and sells electronics worldwide. I will attempt to purchase from Europe a minimum of 100 4CX800A to be sent to my office in the UK. If this is not going to work, I will be asking one of our overseas trading partners to do the purchasing for us in Europe. If there is some kind of game being played as to not allow the US to purchase, this plan will overide that. Also the pricing will be kept to a small percentage over cost if these tubes ever come alive in the future from companies here.

With the above in mind, I need to hear who would be interested in future purchases? Hopefully in two weeks from now I would like to obtain some idea what we're talking about in quanity.

Again, this is just an idea....

Joel, K2QBV
k2qbv@...

[Non-text portions of this message have been removed]

2472. Re: [acom-list] Svetlana 4CX800As - Supplemental

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 22:28:12 UTC
From: John Peters
Topic: 2466 Message: 2472

Did you tell him they ARE still listed in his inventory on his RF Parts webpage?

73 John K1ER
----- Original Message -----
From: Dennis Vernacchia
To: acom-list@yahoogroups.com
Sent: Tuesday, March 04, 2008 11:58 AM
Subject: Re: [acom-list] Svetlana 4CX800As - Supplemental

I spike with the owner of RF Parts Yesterday

He does not have ANY SVETLANA 4CX800s and does not know when he will receive
any in future
from SVETLANA

73, Dennis N6KI

On Tue, Mar 4, 2008 at 1:31 AM, John Peters <petersj007@...>
wrote:

> RF Parts still lists the Svetlana tubes, single, matched pair and
> matched sets of 3 but the prices have gone up.
>
> 73 John K1ER
> ----- Original Message -----
> From: Paul M Dunphy
> To: ACOM List
> Sent: Monday, March 03, 2008 1:26 PM
> Subject: [acom-list] Svetlana 4CX800As - Supplemental
>
> If buying and selling on this list violates it's policy, I
> apologize! I got a number of private emails all asking for details
> and price. Here are the details:
>
> I dug out the invoice, scanned it in and put it on my web site:
>
> http://www.ve1dx.net/4cx800a_invoice/
>
> It is dated 24 April 2007, and it says "NEW SVETLANA 4CX800A NOT
> RUSSIAN SURPLUS S/N 01233, 01224", unit price $349.00 for a total of
> $698.00.
>
> I'd sell them for what I paid for them plus whatever it costs to
> ship them. It cost me $39.00 to have them shipped from California to
> here (Nova Scotia.) If anyone is still interested, email me privately at:
>

> amplifier at ve1dx dot net
>
> If you are still interested, I can find out the shipping cost
> from the post Office if you give me your address.
>
> 73/DX Paul VE1DX
>
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[Non-text portions of this message have been removed]

2473. Re: [acom-list] Svetlana 4CX800As - Supplemental

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-04 22:30:32 UTC
From: Dennis Vernacchia
Topic: 2466 Message: 2473

No but I am sure if you call him 760 744-0700, he might take the time to
update his web site
He is a very busy man.....

N6KI

On Tue, Mar 4, 2008 at 2:28 PM, John Peters <petersj007@...>
wrote:

> Did you tell him they ARE still listed in his inventory on his RF Parts
> webpage?
>
>
> 73 John K1ER
> ----- Original Message -----
> From: Dennis Vernacchia
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Sent: Tuesday, March 04, 2008 11:58 AM
> Subject: Re: [acom-list] Svetlana 4CX800As - Supplemental
>
> I spike with the owner of RF Parts Yesterday
>
> He does not have ANY SVETLANA 4CX800s and does not know when he will
> receive
> any in future
> from SVETLANA
>
> 73, Dennis N6KI
>
> On Tue, Mar 4, 2008 at 1:31 AM, John Peters <petersj007@...<petersj007%40hawaii.rr.com>
> >
> wrote:
>
> > RF Parts still lists the Svetlana tubes, single, matched pair and
> > matched sets of 3 but the prices have gone up.
> >
> > 73 John K1ER
> > ----- Original Message -----
> > From: Paul M Dunphy
> > To: ACOM List
> > Sent: Monday, March 03, 2008 1:26 PM
> > Subject: [acom-list] Svetlana 4CX800As - Supplemental
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> > I dug out the invoice, scanned it in and put it on my web site:
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> > It is dated 24 April 2007, and it says "NEW SVETLANA 4CX800A NOT
> > RUSSIAN SURPLUS S/N 01233, 01224", unit price $349.00 for a total of
> > $698.00.
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> > I'd sell them for what I paid for them plus whatever it costs to
> > ship them. It cost me $39.00 to have them shipped from California to
> > here (Nova Scotia.) If anyone is still interested, email me privately
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> > amplifier at ve1dx dot net
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> > If you are still interested, I can find out the shipping cost
> > from the post Office if you give me your address.
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> > 73/DX Paul VE1DX
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2474. Is it safe to purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-05 14:17:51 UTC
From: Jack Nelson
Topic: 2474 Message: 2474

Good morning all. I'm new to the group and after considerable research, I'm in the market to purchase an Acom 1000, based on the reviews and customer service reports I've read here and in QST.

That being said, after reading the posts on the tube situation, I'm starting to get cold feet. I sure don't want to get an amp and then have problems with service or parts availability.

Your comments, and thanks

Jack K5FSE
Cumming, GA

2475. Re: [acom-list] Is it safe to purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-05 15:29:33 UTC
From: Bill NY9H
Topic: 2474 Message: 2475

ask "the guys" (krassy & will) what a spare would cost with the
purchase of the amp ....

IF they can't provide a spare... what is their offered solution ???

bill (with a matched pair on the shelf)

At 08:17 AM 3/5/2008, you wrote:
>Good morning all. I'm new to the group and after considerable research,
>I'm in the market to purchase an Acom 1000, based on the reviews and
>customer service reports I've read here and in QST.
>
>That being said, after reading the posts on the tube situation, I'm
>starting to get cold feet. I sure don't want to get an amp and then
>have problems with service or parts availability.
>
>Your comments, and thanks
>
>Jack K5FSE
>Cumming, GA
>
>
>
>
>Yahoo! Groups Links
>
>
>

2476. Re: [acom-list] Is it safe to purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-05 15:48:22 UTC
From: Paul M Dunphy
Topic: 2474 Message: 2476

At 10:17 AM 3/5/2008, Jack Nelson wrote:
>Good morning all. I'm new to the group and after considerable research,
>I'm in the market to purchase an Acom 1000, based on the reviews and
>customer service reports I've read here and in QST.
>
>That being said, after reading the posts on the tube situation, I'm
>starting to get cold feet. I sure don't want to get an amp and then
>have problems with service or parts availability.
>
>Your comments, and thanks
>
>Jack K5FSE
>Cumming, GA

Jack raises a good point, but I don't think anyone should be deterred from buying an ACOM. or any other 4CX800A/GU-74b based amp, based on the current tube situation.

(1) We were spoiled by the glut of GU-74bs at $100. This was because of a huge surplus after the breakup of the Soviet Union. They are, for the most part, gone.

(2) That price was unrealistic. Look at the cost of similar Eimac tubes (like an 8877 . . . in the $800-$1000 range.)

4CX800A/GU-74b are around and will continue to be, with ACOM, Alpha, QRO and EMTRON having sold literally hundreds of amps containing them. There is a large demand, and sooner or later someone will either stop sitting on the surplus, or begin manufacturing them again. We just won't see $100 spares anymore. Even at $500, compare that to other ceramic/metal tubes of the same calibre. I'd buy an ACOM amp tomorrow if I didn't already have one. It is the best amp ever made, in my opinion.

73/DX Paul VE1DX

2477. RE: [acom-list] Is it safe to purchase

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-05 18:08:57 UTC
From: Kirk
Topic: 2474 Message: 2477

Paul,

I certainly agree with you. I've had an ACOM2000A for a couple of years and believe it to be the best on the market. Nonetheless, I've decided to sell mine. The only reason I'm selling it is, I have built up another amp centered around a 4CX5000A. I've had the brand new tube and socket for a few years. It took recent retirement to not only get the amp started but finished as well. My new amp uses much of the same type circuitry that ACOM has used. It is also auto tune but built a little more robust than ACOM amps. I have the ACOM2000A listed in QTH.com and it's in new condition. Very little use. It's a good deal for someone!!

Kirk, K6KAR

Niceville, FL

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Wednesday, March 05, 2008 9:48 AM
To: ACOM List
Subject: Re: [acom-list] Is it safe to purchase

At 10:17 AM 3/5/2008, Jack Nelson wrote:
>Good morning all. I'm new to the group and after considerable research,
>I'm in the market to purchase an Acom 1000, based on the reviews and
>customer service reports I've read here and in QST.
>
>That being said, after reading the posts on the tube situation, I'm
>starting to get cold feet. I sure don't want to get an amp and then
>have problems with service or parts availability.
>
>Your comments, and thanks
>
>Jack K5FSE
>Cumming, GA

Jack raises a good point, but I don't think anyone should be deterred from buying an ACOM. or any other 4CX800A/GU-74b based amp, based on the current tube situation.

(1) We were spoiled by the glut of GU-74bs at $100. This was because of a huge surplus after the breakup of the Soviet Union. They are, for the most part, gone.

(2) That price was unrealistic. Look at the cost of similar Eimac tubes (like an 8877 . . . in the $800-$1000 range.)

4CX800A/GU-74b are around and will continue to be, with ACOM, Alpha, QRO and EMTRON having sold literally hundreds of amps containing them. There is a large demand, and sooner or later someone will either stop sitting on the surplus, or begin manufacturing them again. We just won't see $100 spares anymore. Even at $500, compare that to other ceramic/metal tubes of the same calibre. I'd buy an ACOM amp tomorrow if I didn't already have one. It is the best amp ever made, in my opinion.

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

2478. A2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-06 18:16:09 UTC
From: Geir Øyvind Eriksen
Topic: 2474 Message: 2478

Hi get Error Ant relay closed : it should be open ERROR

Is there anything that can be done here ?

No rcv troug the amp L

Got it when I probably fried a balun due to high swr

Br/73 de

LA5SJA

[Non-text portions of this message have been removed]

2479. Re: [acom-list] A2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-06 18:23:00 UTC
From: Barry N1EU
Topic: 2474 Message: 2479

You should email Stan at Acom. Sounds like it could be a problem with
the vacuum relay.

GL/73,
Barry N1EU

On Thu, Mar 6, 2008 at 1:16 PM, Geir Øyvind Eriksen <geireri@online.no> wrote:
>
>
>
>
>
>
> Hi get Error Ant relay closed : it should be open ERROR
>
> Is there anything that can be done here ?
>
> No rcv troug the amp L
>
> Got it when I probably fried a balun due to high swr
>
> Br/73 de
>
> LA5SJA
>
> [Non-text portions of this message have been removed]
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>

2480. RE: [acom-list] A2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-06 19:57:54 UTC
From: Geir Øyvind Eriksen
Topic: 2474 Message: 2480

Do you have an email adress to him ?

Fra: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] På vegne av Barry N1EU
Sendt: 6. mars 2008 19:23
Til: acom-list@yahoogroups.com
Emne: Re: [acom-list] A2000a

You should email Stan at Acom. Sounds like it could be a problem with
the vacuum relay.

GL/73,
Barry N1EU

On Thu, Mar 6, 2008 at 1:16 PM, Geir Øyvind Eriksen <geireri@...
<mailto:geireri%40online.no> > wrote:
>
>
>
>
>
>
> Hi get Error Ant relay closed : it should be open ERROR
>
> Is there anything that can be done here ?
>
> No rcv troug the amp L
>
> Got it when I probably fried a balun due to high swr
>
> Br/73 de
>
> LA5SJA
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2481. Re: [acom-list] A2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-06 20:07:59 UTC
From: Barry N1EU
Topic: 2474 Message: 2481

acom@mail.orbitel.bg

On Thu, Mar 6, 2008 at 7:57 PM, Geir Øyvind Eriksen <geireri@online.no> wrote:
>
>
>
>
> Do you have an email adress to him ?
>
> Fra: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] På vegne
> av Barry N1EU
> Sendt: 6. mars 2008 19:23
> Til: acom-list@yahoogroups.com
> Emne: Re: [acom-list] A2000a
>
>
> You should email Stan at Acom. Sounds like it could be a problem with
> the vacuum relay.
>
> GL/73,
> Barry N1EU
>
> On Thu, Mar 6, 2008 at 1:16 PM, Geir Øyvind Eriksen <geireri@online.no
> <mailto:geireri%40online.no> > wrote:
> > >
> > >
> > >
> > >
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> > >
> > > Hi get Error Ant relay closed : it should be open ERROR
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> > > Is there anything that can be done here ?
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> > > Br/73 de
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> > > LA5SJA
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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2482. RE: [acom-list] A2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-06 20:28:44 UTC
From: Geir Øyvind Eriksen
Topic: 2474 Message: 2482

Hmm i had the amp switched off for an hour with every cable disconnected and switched it on and everything seems ok again

Let’s hope it stays like that J

Do the relays fix themselves ??

Tnx for quick reply Barry !!

Br/73 de

Geir /LA5SJA

Fra: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] På vegne av Barry N1EU
Sendt: 6. mars 2008 21:08
Til: acom-list@yahoogroups.com
Emne: Re: [acom-list] A2000a

acom@... <mailto:acom%40mail.orbitel.bg>

On Thu, Mar 6, 2008 at 7:57 PM, Geir Øyvind Eriksen <geireri@...
<mailto:geireri%40online.no> > wrote:
>
>
>
>
> Do you have an email adress to him ?
>
> Fra: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] På vegne
> av Barry N1EU
> Sendt: 6. mars 2008 19:23
> Til: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Emne: Re: [acom-list] A2000a
>
>
> You should email Stan at Acom. Sounds like it could be a problem with
> the vacuum relay.
>
> GL/73,
> Barry N1EU
>
> On Thu, Mar 6, 2008 at 1:16 PM, Geir Øyvind Eriksen <geireri@...
<mailto:geireri%40online.no>
> <mailto:geireri%40online.no> > wrote:
> >
> >

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> >
> > Hi get Error Ant relay closed : it should be open ERROR
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> > Is there anything that can be done here ?
> >
> > No rcv troug the amp L
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> > Br/73 de
> >
> > LA5SJA
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2483. High End Power Meters

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 04:04:15 UTC
From: Jack Nelson
Topic: 2483 Message: 2483

Good evening all. Hopefully I will be a 1000 owner soon. I've seen several postings about weather to use the amp cut off safety feature of these power meters or not. It seems most are not.

My question is, while the LP-100 and the model from Array Solutions are seem really nice and full featured, what do they bring to the table, given all the information that seems to be presented from the 1000? They are not cheap!

Thanks

Jack K5FSE
Cumming, GA

2484. High End Power Meters

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 04:05:38 UTC
From: Jack Nelson
Topic: 2483 Message: 2484

Good evening all. Hopefully I will be a 1000 owner soon. I've seen several postings about weather to use the amp cut off safety feature of these power meters or not. It seems most are not.

My question is, while the LP-100 and the model from Array Solutions are seem really nice and full featured, what do they bring to the table, given all the information that seems to be presented from the 1000? They are not cheap!

Thanks

Jack K5FSE
Cumming, GA

2485. Re: [acom-list] High End Power Meters

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 07:44:42 UTC
From: Bill NY9H
Topic: 2483 Message: 2485

http://www.telepostinc.com/lp100.html

this meter will plot your antennas for swr ...
then provide you with a smith chart for your antenna !!!!!

it's a lot more than a power meter....

bill

visit my station @

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=75658236&f=0

2486. Contacting Acom

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 16:55:47 UTC
From: Jack Nelson
Topic: 2486 Message: 2486

Good morning all. I'm ready to purchase the 1000, but sure am having problems contacting anyone who wants my money. I've talked to Will's secretary 3 times this last week and he's always out. She took my cell number and said he'd call me. Not yet.

I see from some of the eHam comments, this seems to be a common problem. This surprised me coming from a company that apparently makes such qualify gear.

Any suggestions?

Jack K5FSE
Cumming, GA

2487. ACOM 1000 vs 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 17:32:08 UTC
From: Daniel
Topic: 2487 Message: 2487

Hi folks

When I read all this messages I would say the ACOM 1000 has LESS problems then the big brother.

Do I interpret this the right way or do I missunderstand something wrong?

I would appreachiate some comment and field-experiences/test/comparison between this 2 PA's.

Daniel, HB9DDS

2488. Re: [acom-list] ACOM 1000 vs 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 17:42:54 UTC
From: Paul M Dunphy
Topic: 2487 Message: 2488

At 01:32 PM 3/8/2008, you wrote:
>Hi folks
>
>When I read all this messages I would say the ACOM 1000 has LESS
>problems then the big
>brother.
>
>Do I interpret this the right way or do I missunderstand something wrong?
>
>I would appreachiate some comment and
>field-experiences/test/comparison between this 2
>PA's.
>
>Daniel, HB9DDS

Can't really answer your question as I've never used a
ACOM-2000A. It will put out double the power of a 1000 and
reportedly auto-tunes on one dit at 40 WPM (that may be an
exaggeration, but it is fast.)

Have had a 1000 for almost a year and it goes every
day. Absolutely zero problems. I can tune it in 5-8 seconds now
that I am used to it. It puts out 1100-1200 watts with the original
tube. Look up what you gain by doubling the power in terms of dB on
the receiving end. That doesn't justify the price difference to me,
although for a contester, the auto-tune feature certainly could. I
don't think you will go wrong with an ACOM amp, whichever model you select.

73/DX Paul VE1DX

2489. Re: [acom-list] ACOM 1000 vs 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 18:22:11 UTC
From: Barry N1EU
Topic: 2487 Message: 2489

If you can afford an Acom 2000A, buy one.

It is a much more sophisticated/complex product than the 1000, but
also very well-engineered and reliable.

BTW, it doesn't autotune on one dit - it changes frequency/band (and
antenna with the 2000SW) on one dit and recalls the tune settings. To
freshly autotune the 2000A for a particular band segment and antenna
takes approx. 2-5 seconds.

73,
Barry N1EU

On Sat, Mar 8, 2008 at 5:42 PM, Paul M Dunphy <amplifier@...> wrote:
>
>
>
>
> At 01:32 PM 3/8/2008, you wrote:
> >Hi folks
> >
> >When I read all this messages I would say the ACOM 1000 has LESS
> >problems then the big
> >brother.
> >
> >Do I interpret this the right way or do I missunderstand something wrong?
> >
> >I would appreachiate some comment and
> >field-experiences/test/comparison between this 2
> >PA's.
> >
> >Daniel, HB9DDS
>
> Can't really answer your question as I've never used a
> ACOM-2000A. It will put out double the power of a 1000 and
> reportedly auto-tunes on one dit at 40 WPM (that may be an
> exaggeration, but it is fast.)
>
> Have had a 1000 for almost a year and it goes every
> day. Absolutely zero problems. I can tune it in 5-8 seconds now
> that I am used to it. It puts out 1100-1200 watts with the original
> tube. Look up what you gain by doubling the power in terms of dB on
> the receiving end. That doesn't justify the price difference to me,
> although for a contester, the auto-tune feature certainly could. I
> don't think you will go wrong with an ACOM amp, whichever model you select.
>

> 73/DX Paul VE1DX
>
>
>

2490. RE: [acom-list] ACOM 1000 vs 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-08 19:01:41 UTC
From: Robert Naumann
Topic: 2487 Message: 2490

After owning both, I would say that they are both nearly trouble free.

I had one of the early 2000's and had some connector failures, but once those were repaired, it was fine. In almost 10 years of heavy use in every contest, the only real failure was a vacuum relay.

I owned the 1000 for only about 2 years, and had no trouble with it at all, using it primarily on 6m at maximum output. Very nice.

So, it is reasonable to say that the 1000 has less problems. However, since the 2000 is fully automatic and so much more complex and the 1000 is a manually tuned amp, I think that it makes logical sense also.

73,

Bob W5OV

-----Original Message-----
From: Daniel [mailto:schaeffler@...]
Sent: Saturday, March 08, 2008 11:32 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 1000 vs 2000

Hi folks

When I read all this messages I would say the ACOM 1000 has LESS problems then the big
brother.

Do I interpret this the right way or do I missunderstand something wrong?

I would appreachiate some comment and field-experiences/test/comparison between this 2
PA's.

Daniel, HB9DDS

Yahoo! Groups Links

2491. Re: ACOM 1000 vs 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-09 07:51:33 UTC
From: Hans Remeeus
Topic: 2487 Message: 2491

Hello Daniel,

I own the 2000A for a couple of years now and the amp is troublefree.
Sometimes he gives a failure and goes exit, but then there is a reason
for it to protect the circuit.

Over the years I changed a lot of rigs, but the Acom 2000A is a
keeper. I also used the Alpha 87A, but IMHO the 2000A is much more
reliable and the service of Stan LZ1IU is excellent; very fast and
detailed replies. The service of Alpha is horrible; they don't answer
e-mail messages at all! Alpha has the name of being the best, but Acom
IS the best!

However; I am still interested in a very good second hand Acom 1000.
Two linear amplifiers are very useful.

When you will need not more that 750 Watt output and you like 'to turn
knobs' it is perhaps wiser to buy the 1000.
Most of the QSO's I use more than 1 kW and I like to have some power
left and not push the linear to its maximum. I like the remote control
and automatic (extremely fast) tuning of the 2000A very very much!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

--- In acom-list@yahoogroups.com, "Daniel" <schaeffler@...> wrote:
>
> Hi folks
>
> When I read all this messages I would say the ACOM 1000 has LESS
problems then the big
> brother.
>
> Do I interpret this the right way or do I missunderstand something
wrong?
>
> I would appreachiate some comment and
field-experiences/test/comparison between this 2
> PA's.
>
> Daniel, HB9DDS
>

2492. Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-09 08:00:43 UTC
From: Uffe Lindhardt
Topic: 1404 Message: 2492

Finally got around to try this out. Here are my findings:

http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "John Lemay" <john@...> wrote:
>
> Hi all
>
> Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be
> persuaded to work on 4m ? I guess the tuning network will run out of
C or L,
> and the low pass filter will not permit 4m, but I just thought I'd ask.
> Perhaps the Acom 1006 ?
>
> I also wonder if there are any plans for a 2m Acom amp ?
>
> John G4ZTR
>

2493. RE: [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-09 11:28:51 UTC
From: Kees - pa7two
Topic: 1404 Message: 2493

Nice one Uffe, only we would like to see a more permanent solution that covers 4 & 6 meters :-) I mean to give up 50MHz, no way :-)Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.comFrom: pa5dd@...: Sun, 9 Mar 2008 08:00:43 +0000Subject: [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Finally got around to try this out. Here are my findings:http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm73 Uffe PA5DD--- In acom-list@yahoogroups.com, "John Lemay" <john@...> wrote:>> Hi all> > Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be> persuaded to work on 4m ? I guess the tuning network will run out ofC or L,> and the low pass filter will not permit 4m, but I just thought I'd ask.> Perhaps the Acom 1006 ?> > I also wonder if there are any plans for a 2m Acom amp ?> > John G4ZTR>

Connect and share in new ways with Windows Live.
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

[Non-text portions of this message have been removed]

2494. Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-09 11:53:29 UTC
From: Uffe Lindhardt
Topic: 1404 Message: 2494

In fact I did not test how the amplifier behaved on 6m after the mod.
It probably can tune up, but the question is if a proper loading
resistance can be achieved. Anyway takes around 10mins to mod/un-mod
it, so for me it is still interesting.

I think it will be VERY difficult to find a smoother solution. Do not
fancy to put any relay switches inside the tank circuit.

Would be nice if someone with a power meter and a spectrum analyzer
could verify the modification.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
>
> Nice one Uffe, only we would like to see a more permanent solution
that covers 4 & 6 meters :-) I mean to give up 50MHz, no way :-)Vy
73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO
Locator: JO22jp
>
>
> To: acom-list@...: pa5dd@...: Sun, 9 Mar 2008 08:00:43 +0000Subject:
[acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz
>
>
>
>
> Finally got around to try this out. Here are my
findings:http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm73 Uffe
PA5DD--- In acom-list@yahoogroups.com, "John Lemay" <john@> wrote:>>
Hi all> > Has anyone tried the Acom 1000 above 6m ? I'm wondering if
it could be> persuaded to work on 4m ? I guess the tuning network will
run out ofC or L,> and the low pass filter will not permit 4m, but I
just thought I'd ask.> Perhaps the Acom 1006 ?> > I also wonder if
there are any plans for a 2m Acom amp ?> > John G4ZTR>
>
>
>
>
>
>
>
> _____
> Connect and share in new ways with Windows Live.
>
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008
>

> [Non-text portions of this message have been removed]
>

2495. It's Mine!!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 18:13:59 UTC
From: Jack Nelson
Topic: 2495 Message: 2495

I just received a call from Will at Acom. The 1000 is in stock, and as soon as he gets my check, it's on it's way to me...1 price, out the door.

It looks like it's going to be Christmas in March. Now....if those TX5C guys would only stay a little longer!

Jack K5FSE
Cumming, GA

2496. RE: [acom-list] It's Mine!!!!

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 18:19:09 UTC
From: bmarton
Topic: 2495 Message: 2496

Welcome to the crew!

Enjoy it

Bruce K1XR

Acom 2000A/IC 781

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Jack Nelson
Sent: Wednesday, March 12, 2008 2:14 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] It's Mine!!!!

I just received a call from Will at Acom. The 1000 is in stock, and as soon as he gets my check, it's on it's way to me...1 price, out the door.

It looks like it's going to be Christmas in March. Now....if those TX5C guys would only stay a little longer!

Jack K5FSE
Cumming, GA

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2942 (20080312) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2497. 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 19:31:45 UTC
From: paul glassman
Topic: 2497 Message: 2497

as much as i hate to do this, my beautiful 2000a is for sale! comes with spare set of gu74b's. save $1000 over new and no waiting list. 73 paul w8jn

---
Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

2498. 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 19:32:45 UTC
From: paul glassman
Topic: 2497 Message: 2498

as much as i hate to do this, my beautiful 2000a is for sale! comes with spare set of gu74b's. save $1000 over new and no waiting list. 73 paul w8jn

_____
Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

2499. Fw: [acom-list] 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 19:54:15 UTC
From: bmarton
Topic: 2499 Message: 2499

> Paul, didn't you just buy this amp? Why is it up for sale?
>
> Bruce
> K1XR
>
>
> ----- Original Message -----
> From: "paul glassman" <highschooldiving@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, March 12, 2008 3:32 PM
> Subject: [acom-list] 2000a
>
>
>> as much as i hate to do this, my beautiful 2000a is for sale!
>> comes with spare set of gu74b's. save $1000 over new and no
>> waiting list. 73 paul w8jn
>>
>>
>>
>> _____
>> Be a better friend, newshound, and
>> know-it-all with Yahoo! Mobile. Try it now.
>> http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
>>
>>
>>
>>
>> _____ Information from ESET NOD32 Antivirus, version of virus
>> signature database 2939 (20080312) _____
>>
>> The message was checked by ESET NOD32 Antivirus.
>>
>> http://www.eset.com
>>
>
>
> _____ Information from ESET NOD32 Antivirus, version of virus
> signature database 2942 (20080312) _____
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>
>

2500. Re: Fw: [acom-list] 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 23:31:53 UTC
From: paul glassman
Topic: 2499 Message: 2500

bruce,
I have had it for a number of years... just new to
the acom list. really dont want to sell it however i
cant justify keeping an alpha 9500, quadra, pw1, tl922
etc....
73 paul w8jn
--- bmarton <bmarton@...> wrote:

>
>
>
> > Paul, didn't you just buy this amp? Why is it up
> for sale?
> >
> > Bruce
> > K1XR
> >
> >
> > ----- Original Message -----
> > From: "paul glassman" <highschooldiving@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, March 12, 2008 3:32 PM
> > Subject: [acom-list] 2000a
> >
> >
> > >> as much as i hate to do this, my beautiful
> > 2000a is for sale!
> > >> comes with spare set of gu74b's. save
> > $1000 over new and no
> > >> waiting list. 73 paul w8jn
> > >>
> > >>
> > >>
> > >>
> >

> > >> Be a better friend, newshound, and
> > >> know-it-all with Yahoo! Mobile. Try it now.
> > >>
> >
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
> > >>
> > >>
> > >>
> > >>

> >> _____ Information from ESET NOD32 Antivirus,
> version of virus
> >> signature database 2939 (20080312) _____
> >>
> >> The message was checked by ESET NOD32 Antivirus.
> >>
> >> http://www.eset.com
> >>
> >
> >
> > _____ Information from ESET NOD32 Antivirus,
> version of virus
> > signature database 2942 (20080312) _____
> >
> > The message was checked by ESET NOD32 Antivirus.
> >
> > http://www.eset.com
> >
> >
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

2501. RE: QTH.COM Ad -- Acom 2000a...

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-12 23:34:44 UTC
From: paul glassman
Topic: 2501 Message: 2501

kirk,
this is really a"half hearted" effort to sell. i hope
it does not sell..... the effort to sell will make
the guilt go away when i keep them both. i can tell
the yl "i really did try to sell it, nobody was
interested" hihi

73 paul w8jn

--- Kirk <kirk.harding@...> wrote:

> Paul,
>
> I see you've decided to sell. I certainly
> understand where you're coming
> from. I've pretty much convinced myself to keep
> mine, even with the new
> 9500 on the way. I just want to remind you. If the
> purchaser of your ACOM
> 2000A doesn't buy your " nib shiny Svetlana
> 4cx800a's", I will! I sure would
> like second crack!!
>
> Thanks,
>
> Kirk, K6KAR
>
> -----Original Message-----
> From: Kirk [mailto:kirk.harding@...]
> Sent: Friday, March 07, 2008 6:54 PM
> To: 'paul glassman'
> Subject: RE: QTH.COM Ad -- Acom 2000a...
>
> Paul,
> I've looked but don't see many for sale. Do have a
> specific site?
>
> -----Original Message-----
> From: paul glassman
> [mailto:highschooldiving@...]
> Sent: Friday, March 07, 2008 5:31 PM
> To: Kirk
> Subject: RE: QTH.COM Ad -- Acom 2000a...
>
> kirk,
> the cheap gu74b's military surplus are plentiful!

>
>
> --- Kirk <kirk.harding@...> wrote:
>
> > Paul,
> >
> > A couple of weeks back I had my 2000 for sale. A
> > ham in France wants to buy
> > it but after researching import/export fees I
> > seriously doubt that he will
> > remain interested Fedex shipping to France amounts
> > to almost $500. However,
> > even if he continues to have interest I've decided
> > that it would be a little
> > like selling one of my children. I'm not telling
> you
> > anything when I say it
> > is a great amp. Not quite sure how I will run the
> > 9500 and 2000A but I sure
> > will figure it out. If along the way you decide
> to
> > part with your spare
> > GU74b's please give me first crack at them. I
> guess
> > that's the only down
> > side to owning this amp. The unavailability of
> > tubes! My 2000A runs just
> > like it did when I received it. I've had no
> > problems with it at all. When
> > I purchased it I thought about buying spare GU74's
> > but figured I wouldn't
> > soon need them. I still don't need them but I
> sure
> > wish I'd purchased
> > spares at the time I bought the amp. One never
> knows
> > and with the apparent
> > unavailability of these tubes, those of us who
> > aren't prepared will be in
> > deep doo doo. Please keep me in mind.
> >
> > Thanks Paul,
> >
> > Kirk, K6KAR
> > Niceville, FL
> >
> > -----Original Message-----
> > From: paul glassman
> > [mailto:highschooldiving@...]
> > Sent: Friday, March 07, 2008 1:40 PM

> > To: Kirk Harding
> > Subject: RE: QTH.COM Ad -- Acom 2000a...
> >
> > hi kirk,
> > looks like you and i think the same. lots of
> fun
> > toys and don't want to sell any. the spares will
> not
> > be sold . i am thinking about keeping the 2000a.
> if
> > i
> > keep it, the nib 4cx800a's will stay with me. if i
> > sell the 2000a, the buyer will have first choice.
> i
> > paid $100 for the pair of gu74b's. I paid $700 for
> > the
> > matched set of nib shiny svetlana 4cx800a's.
> > 73 paul w8jn
> >
> >
> > --- Kirk Harding <kirk.harding@...> wrote:
> >
> > >
> > > Dear paul W8JN,
> > >
> > > You have received a response to your ad, titled
> > > "Acom 2000a", that you have running on the
> QTH.COM
> > > Free Ham Radio Classified Ads.
> > >
> > > The response is from:
> > >
> > > Name: Kirk Harding
> > > Callsign: K6KAR
> > > E-mail: kirk.harding@...
> > >
> > > The response is:
> > >
> > > Paul,
> > >
> > > Like you I have an ACOM 2000A and have on order
> > the
> > > Alpha 9500. However, I'm going to keep my ACOM
> > > 2000A. I would like to buy (assuming they are
> > > (matched new) GU-74B's. What are you asking and
> > > where do you want me to send the money?
> > >
> > > Thanks,
> > >
> > > Kirk, K6KAR

> > > Niceville, FL
> > >
> > >
> >
>

> > > For your reference, here is a copy of the ad you
> > are
> > > responding to:
> > >
> > > Listing Number: 651415
> > > Date Ad was Placed: 03/05/08
> > > Name: paul
> > > Phone Number: n/a
> > > Callsign: W8JN
> > > Category: AMPHF
> > > Heading: Acom 2000a
> > > Ad Message:
> > > ok guys, here is the deal.....I have decided to
> > > keep the alpha 87a. I am on the waiting list
> for
> > > an Alpha 9500 and I just cant keep all three.
> The
> > > Acom is for sale and is in fantastic condition
> > with
> > > a spare set of Svetlana gu74b's included in the
> > > price. I also have on its way (not included in
> the
> > > price) a brand new in box, matched set of
> Svetlana
> > > 4cx800a's. these are the shiny new Svetlanas,
> not
> > > the military gu74b's. the Acom 2000a is $5900
> > plus
> > > shipping. Acom 2000a includes the (one)extra
> pair
> > of
> > > the Svetlana military gu74b's. You may purchase
> > the
> > > Svetlana 4cx800a's
> > >
> > >
> >
>

> > > If you wish to delete or edit your ad, please
> see
> > > http://swap.qth.com.
> > >
> > > If you complete this buy/sell/trade, please

> leave
> > > feedback for each other in the Feedback Forum,
> > > located in the QTH.com Swap Chat bulletin board,
> > at
> > > http://chat.qth.com.
> > >
> > > If you like the way the QTH.COM Free Ham Radio
> > > Classifieds have worked for you, please consider
> a
> > > small donation. If you've sold an item, we
> > suggest
> > > giving 2% of the sale price of your item
> (minimum
> > > $5.00). Of course, if you just want to help
> out,
> > > any amount would be appreciated!
> > >
> > > To make a secure donation using Visa,
> MasterCard,
> > > American Express or PayPal see
> > > http://swap.qth.com/donation. Otherwise, send a
> > > check or money order to:
> > >
> > > Scott Neader, KA9FOX
> > > N1774 Meadow Ridge Rd
> > > La Crosse, WI 54601-2589
> > >
> > > Remember, this is optional... I am committed to
> > > keeping the QTH.COM Ham Radio Classifieds FREE!
> > >
> > > OTHER WAYS TO HELP
> > >
> > > HOST YOUR WEB SITES AT QTH.COM:
> > >
> > > One way to support QTH.com is by hosting your
> web
> > > sites with QTH.com. For nearly a decade, QTH.com
> > has
> > > offered RELIABLE Web Hosting and Domain Name
> > > Registration services, with world-class support,
> > at
> > > affordable prices! Full-featured Web Hosting
> > starts
> > > at just $4.95 per month, which includes at least
> 1
> > > Gigabyte of disk space, Spam Filtered E-mail
> > > Accounts, Mailman Mailing lists, MySQL database
> > and
> > > so much more. For more information, see
> > > http://hosting.qth.com.

> > >
> > > REGISTER OR RENEW YOUR DOMAIN NAMES AT QTH.COM:
> > >
> > > Another way to support QTH.com is through
> > > registering your domain names through my domain
> > name
> > > registration site, http://domains.qth.com. Or,
> if
> > > you already have a domain name for yourself
> (like
> > > ka9fox.com or k4ja.com) or for your club (like
> > > w9smc.com or pvrcnc.org) or even for your ham or
> > > non-ham business... these domain names can be
> > > transferred to my system for as little as $9.95
> > per
> > > year. The transfer also includes a 1 year
> domain
> > > extension. Registering or Transferring your
> domain
> > > name to QTH.com could save you considerable
> money,
> > > compared to the $20 to $35 per year that some
> > domain
> > > registrars charge, and you will be supporting
> > > QTH.com at the same time. For more information,
> > see
> > > http://domains.QTH.com.
> > >
> > > LINKS TO QTH.COM:
> > >
> > > Please consider adding a link to the QTH.COM
> > > Classifieds on your web site. A simple text
> link
> > is
> > > great, or how about adding one of our cool,
> > > interactive Search Boxes to your site? See our
> > > Linking Page at http://swap.qth.com/linking.asp
> > for
> > > the easy instructions.
> > >
> > > 73 - Scott KA9FOX
> > > ka9fox@...
> > >
> > > Free Ham Radio Classified Ads:
> > http://swap.QTH.com
> > > Swap Chat bulletin board: http://chat.QTH.com
> > > Domain Names: http://domains.QTH.com
> > > QTH.COM Web Hosting: http://hosting.QTH.com
> > > QTH.COM Banner Advertising:
> http://banners.QTH.com

> > > KA9FOX Contesting and DXing Site:
> > > http://www.ka9fox.com
> > >
> > > In case this form is being abused, the IP
> address
> > of
> > > the person submitting this form is: 68.101.3.11
> > >
> > >
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> >
> > Quantum materiae materietur marmota monax
> > si marmota monax materiam possit materiari?
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> > _____
> > Never miss a thing. Make Yahoo your home page.
> > http://www.yahoo.com/r/hs
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> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
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> Never miss a thing. Make Yahoo your home page.
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si marmota monax materiam possit materiari?

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http://mail.yahoo.com

2502. Re: Fw: [acom-list] 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 00:15:27 UTC
From: John Peters
Topic: 2499 Message: 2502

Easy solution. Set up a CONTEST station. You'll need rig, amp and antennas for every position and every band mode. Your XYL will love it since you'll have to enlarge the house. Maybe buy the adjoining lots.

73 John K1ER
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Wednesday, March 12, 2008 1:31 PM
Subject: Re: Fw: [acom-list] 2000a

bruce,
I have had it for a number of years... just new to
the acom list. really dont want to sell it however i
cant justify keeping an alpha 9500, quadra, pw1, tl922
etc....
73 paul w8jn
--- bmarton <bmarton@...> wrote:

>
>
>
> > Paul, didn't you just buy this amp? Why is it up
> for sale?
> >
> > Bruce
> > K1XR
> >
> >
> > ----- Original Message -----
> > From: "paul glassman" <highschooldiving@...>
> > To: <acom-list@yahoogroups.com>
> > Sent: Wednesday, March 12, 2008 3:32 PM
> > Subject: [acom-list] 2000a
> >
> >
> >> as much as i hate to do this, my beautiful
> 2000a is for sale!
> >> comes with spare set of gu74b's. save
> $1000 over new and no
> >> waiting list. 73 paul w8jn
> >>
> >>
> >>
> >>
>

> >> Be a better friend, newshound, and
> >> know-it-all with Yahoo! Mobile. Try it now.
> >>
>
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
> >>
> >>
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> >>
> >> _____ Information from ESET NOD32 Antivirus,
> version of virus
> >> signature database 2939 (20080312) _____
> >>
> >> The message was checked by ESET NOD32 Antivirus.
> >>
> >> http://www.eset.com
> >>
> >
> >
> > _____ Information from ESET NOD32 Antivirus,
> version of virus
> > signature database 2942 (20080312) _____
> >
> > The message was checked by ESET NOD32 Antivirus.
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> > http://www.eset.com
> >
> >
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http://mail.yahoo.com

[Non-text portions of this message have been removed]

2503. Re: Fw: [acom-list] 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 00:20:10 UTC
From: paul glassman
Topic: 2499 Message: 2503

john... great idea!!!! thanks 73 paul w8jn

--- John Peters <petersj007@...> wrote:

> Easy solution. Set up a CONTEST station. You'll
> need rig, amp and antennas for every position and
> every band mode. Your XYL will love it since
> you'll have to enlarge the house. Maybe buy the
> adjoining lots.
>
> 73 John K1ER
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Wednesday, March 12, 2008 1:31 PM
> Subject: Re: Fw: [acom-list] 2000a
>
>
> bruce,
> I have had it for a number of years... just new to
> the acom list. really dont want to sell it however
> i
> cant justify keeping an alpha 9500, quadra, pw1,
> tl922
> etc....
> 73 paul w8jn
> --- bmarton <bmarton@...> wrote:
>
> >
> >
> >
> > > Paul, didn't you just buy this amp? Why is it
> up
> > for sale?
> > >
> > > Bruce
> > > K1XR
> > >
> > >
> > > ----- Original Message -----
> > > From: "paul glassman"
> <highschooldiving@...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, March 12, 2008 3:32 PM
> > > Subject: [acom-list] 2000a

> > >
> > >
> > >> as much as i hate to do this, my beautiful
> > 2000a is for sale!
> > >> comes with spare set of gu74b's. save
> > $1000 over new and no
> > >> waiting list. 73 paul w8jn
> > >>
> > >>
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> > >> Be a better friend, newshound, and
> > >> know-it-all with Yahoo! Mobile. Try it now.
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
> > >>
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> > >>
> > >> _____ Information from ESET NOD32
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> > >
> > > _____ Information from ESET NOD32
> Antivirus,
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> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>
>
> [Non-text portions of this message have been
> removed]
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>

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

2504. Re: Fw: [acom-list] 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 00:28:46 UTC
From: paul glassman
Topic: 2499 Message: 2504

ralph,
i read the reviews on eham. i assume yours was one
of the negative ones. there is a number of outstanding
reviews and two negative. so the question becomes...
what direction do i go? i have not seen a bad word
about the 9500 since the first two early reviews of
what i understand to be the "prototypes?" i would
appreciate your input!
73 paul w8jn

--- Ralph Bates K1ZZI <k1zzi@...> wrote:

> Paul,
>
> Did Alpha ever get that 9500 working as advertised?
> I had Serial number 0008 and they could never get it
> to work properly. All microcode problems. After
> waiting over a year to receive it I was very
> disappointed and finally returned it. It seemed
> more than Gordon could handle. My ACOM 2000A worked
> 1st time out of the box and never had a glitch in
> over a year now.
>
> 73,
> Ralph K1ZZI
>
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Wednesday, March 12, 2008 7:31 PM
> Subject: Re: Fw: [acom-list] 2000a
>
>
> bruce,
> I have had it for a number of years... just new to
> the acom list. really dont want to sell it however
> i
> cant justify keeping an alpha 9500, quadra, pw1,
> tl922
> etc....
> 73 paul w8jn
> --- bmarton <bmarton@...> wrote:
>
> >
> >

> >
> > > Paul, didn't you just buy this amp? Why is it
> up
> > for sale?
> > >
> > > Bruce
> > > K1XR
> > >
> > >
> > > ----- Original Message -----
> > > From: "paul glassman"
> <highschooldiving@...>
> > > To: <acom-list@yahoogroups.com>
> > > Sent: Wednesday, March 12, 2008 3:32 PM
> > > Subject: [acom-list] 2000a
> > >
> > >
> > >> as much as i hate to do this, my beautiful
> > 2000a is for sale!
> > >> comes with spare set of gu74b's. save
> > $1000 over new and no
> > >> waiting list. 73 paul w8jn
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> >
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> > >> Be a better friend, newshound, and
> > >> know-it-all with Yahoo! Mobile. Try it now.
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
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> > >>
> > >> _____ Information from ESET NOD32
> Antivirus,
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> Antivirus.
> > >>
> > >> http://www.eset.com

> > >>
> > >
> > >
> > > __________ Information from ESET NOD32
> Antivirus,
> > version of virus
> > > signature database 2942 (20080312) __________
> > >
> > > The message was checked by ESET NOD32
> Antivirus.
> > >
> > > http://www.eset.com
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> Quantum materiae materietur marmota monax
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> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
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_____
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http://mail.yahoo.com

2505. wiring

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 02:41:01 UTC
From: paul glassman
Topic: 2505 Message: 2505

hey guys, a quick question. My 2000a has been in
storage for a year. I took the plug off of it when I
stored it and did not make note of polarity. as long
as I have the ground wire in proper position, does it
matter which side connection the two hot leads go?
thanks es 73 paul w8jn

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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

2506. Re: [acom-list] wiring

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 02:45:15 UTC
From: JOEL
Topic: 2505 Message: 2506

Either side is AOK as long as you keep the ground as a ground.

Joel, K2QBV
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Wednesday, March 12, 2008 10:41 PM
Subject: [acom-list] wiring

hey guys, a quick question. My 2000a has been in
storage for a year. I took the plug off of it when I
stored it and did not make note of polarity. as long
as I have the ground wire in proper position, does it
matter which side connection the two hot leads go?
thanks es 73 paul w8jn

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_____
Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

[Non-text portions of this message have been removed]

2507. Re: [acom-list] wiring

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-13 02:59:51 UTC
From: paul glassman
Topic: 2505 Message: 2507

joel,
thanks paul w8jn
--- JOEL <K2QBV@...> wrote:

> Either side is AOK as long as you keep the ground as
> a ground.
>
> Joel, K2QBV
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Wednesday, March 12, 2008 10:41 PM
> Subject: [acom-list] wiring
>
>
> hey guys, a quick question. My 2000a has been in
> storage for a year. I took the plug off of it when
> I
> stored it and did not make note of polarity. as
> long
> as I have the ground wire in proper position, does
> it
> matter which side connection the two hot leads go?
>
> thanks es 73 paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
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>

_____
> Looking for last minute shopping deals?
> Find them fast with Yahoo! Search.
>
http://tools.search.yahoo.com/newsearch/category.php?category=shopping
>
>
>
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>
> [Non-text portions of this message have been
> removed]
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Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

2508. filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-15 14:38:52 UTC
From: kamarty456
Topic: 2508 Message: 2508

Just a quick reminder for the new and seasoned Acom users.
Time to clean your air filter!

A clean filter will reduce stress on the tube and electronics, allow the proper amount of air flow to keep the operating temperatures correct.

You should at least inspect the filter 3 times a year, or if in a dusty environment more frequently.

Marty KA7GKN

2509. Re: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-15 14:53:03 UTC
From: Barry
Topic: 2508 Message: 2509

I don't use the amp frequently, so I put a sheet of copy paper over the
tube vents. This prevents dust from getting in that way. In the event
I forget to remove the paper when I turn the amp on, it simply blows off
the top of the amp.
Barry W2UP

kamarty456 wrote:
>
> Just a quick reminder for the new and seasoned Acom users.
> Time to clean your air filter!
>
> A clean filter will reduce stress on the tube and electronics, allow
> the proper amount of air flow to keep the operating temperatures
> correct.
>
> You should at least inspect the filter 3 times a year, or if in a dusty
> environment more frequently.
>
> Marty KA7GKN
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.21.7/1329 - Release Date: 3/14/2008 12:33 PM
>

--

Barry Kutner, W2UP Newtown, PA

2510. Re: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-15 14:54:39 UTC
From: Paul M Dunphy
Topic: 2508 Message: 2510

At 11:38 AM 3/15/2008, you wrote:
>Just a quick reminder for the new and seasoned Acom users.
>Time to clean your air filter!
>
>A clean filter will reduce stress on the tube and electronics, allow
>the proper amount of air flow to keep the operating temperatures
>correct.
>
>You should at least inspect the filter 3 times a year, or if in a dusty
>environment more frequently.
>
>Marty KA7GKN

Did it yesterday, Marty! Thanks, however, for the reminder. I had not been doing so regularly until your email to the list of a few months ago. It's one of those things we forget or say we'll do it tomorrow, and as we all know, "tomorrow never comes!"

73/DX Paul VE1DX

2511. Re: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-15 20:35:39 UTC
From: Fernando González
Topic: 2508 Message: 2511

Hello Barry and others,
I put the paper sheet over the chimeneys too here and it really works. It blows off in case you forget to remove when switch on the amp. 73s
EC1CT Fernando
E-mail: ec1ct@...

I don't use the amp frequently, so I put a sheet of copy paper over the
tube vents. This prevents dust from getting in that way. In the event
I forget to remove the paper when I turn the amp on, it simply blows off
the top of the amp.
Barry W2UP

kamarty456 wrote:
>
> Just a quick reminder for the new and seasoned Acom users.
> Time to clean your air filter!
>
> A clean filter will reduce stress on the tube and electronics, allow
> the proper amount of air flow to keep the operating temperatures
> correct.
>
> You should at least inspect the filter 3 times a year, or if in a dusty
> environment more frequently.
>
> Marty KA7GKN
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.21.7/1329 - Release Date: 3/14/2008 12:33 PM
>

--

Barry Kutner, W2UP Newtown, PA

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.21.7/1329 - Release Date: 14/03/2008 12:33

[Non-text portions of this message have been removed]

2512. RE: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-16 00:52:37 UTC
From: N2TK
Topic: 2508 Message: 2512

One addition to this good advice. I added an external filter cut out from a furnace filter. I attach this to the external fan. Once a year I take down the amp off of the shelf in the basement to check out the amp. It is mounted close to eh ceiling so it is out of the way. So far there has been no measurable dust in the amp after 9 years.

N2TK, Tony.

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: Saturday, March 15, 2008 10:39 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] filter reminder

Just a quick reminder for the new and seasoned Acom users.
Time to clean your air filter!

A clean filter will reduce stress on the tube and electronics, allow the proper amount of air flow to keep the operating temperatures correct.

You should at least inspect the filter 3 times a year, or if in a dusty environment more frequently.

Marty KA7GKN

[Non-text portions of this message have been removed]

2513. Re: filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-16 14:45:43 UTC
From: kamarty456
Topic: 2508 Message: 2513

I almost do the same thing as Arizona is a dusty place. I have a single sheet of two-ply toilet paper resting over each of the chimney holes. The paper is secured at the edge using tape and some manila file holder paper for stiffness.

This way when the amp fires up the exhaust air pressure blows the toilet paper cover straight up and when the amp shuts down the paper drifts down.

I too have experienced minimal dust inside the amplifier.

I also have added a metal screen prefilter..the type used for muffin fans.

It may seem light a lot of effort to keep the amp clean inside. For those wondering about that, simply put, it's cheaper than having to pay shipping to have the amp serviced from a dust or temperature failure.

Marty KA7GKN

2514. voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-16 20:36:19 UTC
From: Eduardo PY2BL
Topic: 2514 Message: 2514

Hello list:

The AC power here is 220Vac.
Can anyone confirm what is the correct voltage setector setting: "220V" or "220V-res." ?

73 Eduardo PY2BL

[Non-text portions of this message have been removed]

2515. GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 16:53:50 UTC
From: Franki ON5ZO
Topic: 2515 Message: 2515

Dear Tube Experts

This past weekend I was at a major ham fair and found a GU74b for sale. I don't know where the seller came from but he didn't speak any of the languages I tried.
The tube shows a single green strip on the circumference's cooling rib (the ring that consists of many small strips). The seller tried to explain that green means a new (unused) tube and that the color changes when the tube heats.

Is this correct? Does the green mark mean that it's an unused tube?

TNX fr info.
73 de Franki ON5ZO
http://on5zo.spaces.live.com/

2516. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 17:11:37 UTC
From: Brian Alsop
Topic: 2515 Message: 2516

Franki,

I can only tell you that I recently tried to test GU74b tube with a
bright green stripe for a friend.

I first heated it up in an ACOM1000 by letting it run on filiament
voltage only for 4 hours.
Result: Only got 5 ma of idle current instead of 70 ma when tube was at
idle with no RF drive.

The tube was bad.
So does green stripe mean bad?
Can't say. Not enough data.

73 de Brian/K3KO

Franki ON5ZO wrote:

>Dear Tube Experts
>
>This past weekend I was at a major ham fair and found a GU74b for sale. I
>don't know where the seller came from but he didn't speak any of the
>languages I tried.
>The tube shows a single green strip on the circumference's cooling rib (the
>ring that consists of many small strips). The seller tried to explain that
>green means a new (unused) tube and that the color changes when the tube
>heats.
>
>Is this correct? Does the green mark mean that it's an unused tube?
>
>TNX fr info.
>73 de Franki ON5ZO
>http://on5zo.spaces.live.com/
>
>
>
>
>

2517. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 17:24:48 UTC
From: Paul M Dunphy
Topic: 2515 Message: 2517

At 01:53 PM 3/17/2008, Franki ON5ZO wrote:
>Dear Tube Experts
>
>This past weekend I was at a major ham fair and found a GU74b for sale. I
>don't know where the seller came from but he didn't speak any of the
>languages I tried.
>The tube shows a single green strip on the circumference's cooling rib (the
>ring that consists of many small strips). The seller tried to explain that
>green means a new (unused) tube and that the color changes when the tube
>heats.
>
>Is this correct? Does the green mark mean that it's an unused tube?
>
>TNX fr info.
>73 de Franki ON5ZO
>http://on5zo.spaces.live.com/

Hi Frank,

This is the first I've heard of this. All the GU-74bs I've seen have that green strip. I have two "spares" that I tested for 5-7 hours, running them at with enough drive that they were good and hot. The green strip was just as green afterwards as it was before. Perhaps if they were run for days it might fade, but it certainly does not do so in the short term.

I also have a GU-74b in my amp that has almost a year on it, used daily, and the green strip is the same colour as the NOS ones I have. It HAS been run hard in pileups for hours at a time, so it certainly got to operating temperature and stayed there.

I would say that the green strip story was just a sales pitch. I'm no tube expert . . . all I can tell you is what I've observed with the three GU-74bs I have seen.

73/DX Paul VE1DX

2518. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 17:30:16 UTC
From: JOEL
Topic: 2515 Message: 2518

Since I posted the possibility of getting quanity of GU74B tubes, a few people have written me concerning their bad or really poor experience buying tubes from overseas.

I suggest you wait it out a little and if the tubes appear to not be available I will announce same at that time. I am not involved in any process of purchasing, buying or shipping these tubes but just perform a simple service of locating the tubes with the experience developed over the years in overseas business.

Joel, K2QBV
New York

----- Original Message -----
From: Brian Alsop
To: acom-list@yahoogroups.com
Sent: Monday, March 17, 2008 1:11 PM
Subject: Re: [acom-list] GU74b revisited

Franki,

I can only tell you that I recently tried to test GU74b tube with a
bright green stripe for a friend.

I first heated it up in an ACOM1000 by letting it run on filiament
voltage only for 4 hours.
Result: Only got 5 ma of idle current instead of 70 ma when tube was at
idle with no RF drive.

The tube was bad.
So does green stripe mean bad?
Can't say. Not enough data.

73 de Brian/K3KO

Franki ON5ZO wrote:

>Dear Tube Experts
>
>This past weekend I was at a major ham fair and found a GU74b for sale. I
>don't know where the seller came from but he didn't speak any of the
>languages I tried.
>The tube shows a single green strip on the circumference's cooling rib (the
>ring that consists of many small strips). The seller tried to explain that
>green means a new (unused) tube and that the color changes when the tube
>heats.
>
>Is this correct? Does the green mark mean that it's an unused tube?
>

>TNX fr info.
>73 de Franki ON5ZO
>http://on5zo.spaces.live.com/
>
>
>
>
>

[Non-text portions of this message have been removed]

2519. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 17:36:37 UTC
From: Ralph Bates K1ZZI
Topic: 2515 Message: 2519

No experts here but my Russian friends tell me this is correct. Green stripe = unused.

Ralph K1ZZI

----- Original Message -----
From: Franki ON5ZO
To: acom-list@yahoogroups.com
Sent: Monday, March 17, 2008 12:53 PM
Subject: [acom-list] GU74b revisited

Dear Tube Experts

This past weekend I was at a major ham fair and found a GU74b for sale. I don't know where the seller came from but he didn't speak any of the languages I tried.
The tube shows a single green strip on the circumference's cooling rib (the ring that consists of many small strips). The seller tried to explain that green means a new (unused) tube and that the color changes when the tube heats.

Is this correct? Does the green mark mean that it's an unused tube?

TNX fr info.
73 de Franki ON5ZO
http://on5zo.spaces.live.com/

[Non-text portions of this message have been removed]

2520. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 22:31:14 UTC
From: Fernando González
Topic: 2515 Message: 2520

Hi Franky,

I recently bought a matched pair of GU74B to a store in the Netherlands whom is an Acom distributor. The seller claims they got the tubes directly from the Acom Technical service. I have no way to verify where they came from but I can assure you mines got the green strip you mention on both tubes. I haven´t tested yet so I cannot confirm if they´re good or bad (the seller said they were matched and tested prior shipping). All that I can tell you about the tubes so far is that they look NOS Svetlana tubes and that they were no cheap at all. My opinion is that your tubes are also New Old Stock tubes and the green strips means that they haven´t been used. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Franki ON5ZO
To: acom-list@yahoogroups.com
Sent: Monday, March 17, 2008 5:53 PM
Subject: [acom-list] GU74b revisited

Dear Tube Experts

This past weekend I was at a major ham fair and found a GU74b for sale. I don't know where the seller came from but he didn't speak any of the languages I tried.
The tube shows a single green strip on the circumference's cooling rib (the ring that consists of many small strips). The seller tried to explain that green means a new (unused) tube and that the color changes when the tube heats.

Is this correct? Does the green mark mean that it's an unused tube?

TNX fr info.
73 de Franki ON5ZO
http://on5zo.spaces.live.com/

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.21.7/1331 - Release Date: 16/03/2008 10:34

[Non-text portions of this message have been removed]

2521. RE: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 23:36:57 UTC
From: N2TK
Topic: 2515 Message: 2521

Franki,
All Gu74B's that I have seen have a green stripe, except one. I have one that has a black stripe. Also it's date is 2002 (newer than the others) and the anode fins are shiny unlike the dull color of the earlier ones. In addition the printing of the tube info is on the anode fins instead of on the metal just above the ceramic.
Whether the tube is NOS (unused) or has over 6K hours of use there is a green stripe.
So, in my mind with the limited knowledge I have of these GU74B's it seems older tubes have green stripes and newer ones have a black stripe.

By the way is there a simple way to see if the tubes "match"? I just check to see if the temperatures of both tubes are similar at full power out. Presently I have a tube with >6K hours and a tube with <1K hours in the 2000A, The older tube runs about 4 degrees cooler than the newer tube - 57C vs.. 61C at 400W output with RTTY. When I installed the tubes I followed the directions for bias adjustment.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Franki ON5ZO
Sent: Monday, March 17, 2008 12:54 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] GU74b revisited

Dear Tube Experts

This past weekend I was at a major ham fair and found a GU74b for sale. I don't know where the seller came from but he didn't speak any of the languages I tried.
The tube shows a single green strip on the circumference's cooling rib (the ring that consists of many small strips). The seller tried to explain that green means a new (unused) tube and that the color changes when the tube heats.

Is this correct? Does the green mark mean that it's an unused tube?

TNX fr info.
73 de Franki ON5ZO
http://on5zo. <http://on5zo.spaces.live.com/> spaces.live.com/

[Non-text portions of this message have been removed]

2522. Re: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 23:41:26 UTC
From: Barry N1EU
Topic: 2515 Message: 2522

On Mon, Mar 17, 2008 at 11:36 PM, N2TK <tony.kaz@...> wrote:
> By the way is there a simple way to see if the tubes "match"? I just check
> to see if the temperatures of both tubes are similar at full power out.
> Presently I have a tube with >6K hours and a tube with <1K hours in the
> 2000A, The older tube runs about 4 degrees cooler than the newer tube - 57C
> vs.. 61C at 400W output with RTTY. When I installed the tubes I followed the
> directions for bias adjustment.

I was told by Stan at Acom that less than 8 deg C difference is a good match.

73,
Barry N1EU

2523. RE: [acom-list] GU74b revisited

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-17 23:54:58 UTC
From: N2TK
Topic: 2515 Message: 2523

Tnx Barry,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, March 17, 2008 7:41 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] GU74b revisited

On Mon, Mar 17, 2008 at 11:36 PM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:
> By the way is there a simple way to see if the tubes "match"? I just check
> to see if the temperatures of both tubes are similar at full power out.
> Presently I have a tube with >6K hours and a tube with <1K hours in the
> 2000A, The older tube runs about 4 degrees cooler than the newer tube - 57C
> vs.. 61C at 400W output with RTTY. When I installed the tubes I followed the
> directions for bias adjustment.

I was told by Stan at Acom that less than 8 deg C difference is a good match.

73,
Barry N1EU

[Non-text portions of this message have been removed]

2524. Dumb question (was GU74b revisited)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-18 00:06:44 UTC
From: Paul M Dunphy
Topic: 2524 Message: 2524

At 08:41 PM 3/17/2008, you wrote:

>I was told by Stan at Acom that less than 8 deg C difference is a good match.
>
>73,
>Barry N1EU

Barry, et al,

What exactly are the criteria for "matching" GU-74bs, of any other tubes for that matter? I assume that the 8 C temperature window means that they are both putting out close to the same power (and hence dissipating the same amount of heat.) My guess is that exhaust temperature is just an indirect way of estimating power output.

Given that they are in parallel, is this simply a matter of trying tube pairs until they draw the same plate current at a given drive (because they both will have the same anode voltage.) I've seen the term "balanced" and "matched" sets thrown around for decades, be it 811As, 572Bs, 3-500Zs and now GU-74bs. Since I have a single tube in the ACOM-1000, I guess it doesn't matter to me. In previous amplifiers that used two or four of the above mentioned glass tubes, if one of them blew, I just replaced it and never worried about balancing or matching. It never caused any problems that I am aware of.

Could someone give a simple description of what a "matched set" is, and if it really matters that much. Does the tolerance of tubes vary so widely from the manufacturers specs that one has to be overly concerned about this? If so, how do the re-sellers put together a "matched" set?

73/DX Paul VE1DX

2525. RE: [acom-list] Dumb question (was GU74b revisited)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-18 00:33:16 UTC
From: bmarton
Topic: 2524 Message: 2525

If I recall from a few years ago when Krassy came up to my place with a box of tubes to replace one that had gone south on me; he just plugged in sets of new tubes and mixed and matched them until they were both pulling the same current readings. He then set up all of the various parameters to establish the proper operating ranges of voltages and currents and that was that.

Before I had my one tube failure, both tubes would run within approximately 3 degrees of each other. What tipped me off that something was going wrong was one tube suddenly started running about 12 to 15 degrees warmer than the other, followed by the amp faulting out and shutting down. I told Krassy what it was doing and he said a tube seems to have gone; hence the trip over to my house.

After he found two tubes that aligned well with each other and set up the amp, we ran it. The two new tubes now run within 1 degree of each other, usually almost dead nuts the same. I don't think I have more than 200 hours on my amp and thus far it's doing just fine.

I hope this helps you guys out there..plus for the record, I don't do any contests nor RTTY duty cycles, in other words, I run no more than legal limit at light duty and this has kept me at this type of temperature differential. I only turn on the amp for rough band conditions and never on WARC bands (I just don't like to punch out on a small band segment).

Best 73's

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Monday, March 17, 2008 8:07 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Dumb question (was GU74b revisited)

At 08:41 PM 3/17/2008, you wrote:

>I was told by Stan at Acom that less than 8 deg C difference is a good match.
>
>73,
>Barry N1EU

Barry, et al,

What exactly are the criteria for "matching" GU-74bs, of any other tubes for that matter? I assume that the 8 C temperature window means that they are both putting out close to the same power (and hence dissipating the same amount of heat.) My guess is that exhaust temperature is just an indirect way of estimating power output.

Given that they are in parallel, is this simply a matter of trying tube pairs until they draw the same plate current at a given drive (because they both will have the same anode voltage.) I've seen the term "balanced" and "matched" sets thrown around for decades, be it 811As, 572Bs, 3-500Zs and now GU-74bs. Since I have a single tube in the ACOM-1000, I guess it doesn't matter to me. In previous amplifiers that used two or four of the above mentioned glass tubes, if one of them blew, I just replaced it and never worried about balancing or matching. It never caused any problems that I am aware of.

Could someone give a simple description of what a "matched set" is, and if it really matters that much. Does the tolerance of tubes vary so widely from the manufacturers specs that one has to be overly concerned about this? If so, how do the re-sellers put together a "matched" set?

73/DX Paul VE1DX

_____ Information from ESET NOD32 Antivirus, version of virus signature database 2953 (20080317) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2526. Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-18 09:22:02 UTC
From: Uffe Lindhardt
Topic: 1404 Message: 2526

I decided to buy some vacuum relays, in order to give it a go on
making electric switching for 4m.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "Uffe Lindhardt" <pa5dd@...> wrote:
>
> In fact I did not test how the amplifier behaved on 6m after the mod.
> It probably can tune up, but the question is if a proper loading
> resistance can be achieved. Anyway takes around 10mins to mod/un-mod
> it, so for me it is still interesting.
>
> I think it will be VERY difficult to find a smoother solution. Do not
> fancy to put any relay switches inside the tank circuit.
>
> Would be nice if someone with a power meter and a spectrum analyzer
> could verify the modification.
>
> 73 Uffe PA5DD
>
> --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@> wrote:
> >
> > Nice one Uffe, only we would like to see a more permanent solution
> that covers 4 & 6 meters :-) I mean to give up 50MHz, no way :-)Vy
> 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO
> Locator: JO22jp
> >
> >
> > To: acom-list@: pa5dd@: Sun, 9 Mar 2008 08:00:43 +0000Subject:
> [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz
> >
> >
> >
> >
> > Finally got around to try this out. Here are my
> findings:http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm73 Uffe
> PA5DD--- In acom-list@yahoogroups.com, "John Lemay" <john@> wrote:>>
> Hi all> > Has anyone tried the Acom 1000 above 6m ? I'm wondering if
> it could be> persuaded to work on 4m ? I guess the tuning network will
> run out ofC or L,> and the low pass filter will not permit 4m, but I
> just thought I'd ask.> Perhaps the Acom 1006 ?> > I also wonder if
> there are any plans for a 2m Acom amp ?> > John G4ZTR>
> >
> >
> >

> >
> >
> >
> > _____
> > Connect and share in new ways with Windows Live.
> >
>
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008
> >
> > [Non-text portions of this message have been removed]
> >
>

2527. RE: [acom-list] Dumb question (was GU74b revisited)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-18 15:08:20 UTC
From: Mike
Topic: 2524 Message: 2527

This is just the kind of response that I have come to expect from Acom.
Krassy has been
to my QTH as well to help with and operator error problem. The guys at at
Acom are just that way.
Great product and great service.

-------Original Message-------

From: bmarton
Date: 03/17/08 20:33:29
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Dumb question (was GU74b revisited)

If I recall from a few years ago when Krassy came up to my place with a box
of tubes to replace one that had gone south on me; he just plugged in sets
of new tubes and mixed and matched them until they were both pulling the
same current readings. He then set up all of the various parameters to
establish the proper operating ranges of voltages and currents and that was
that.

Before I had my one tube failure, both tubes would run within approximately
3 degrees of each other. What tipped me off that something was going wrong
was one tube suddenly started running about 12 to 15 degrees warmer than the
other, followed by the amp faulting out and shutting down. I told Krassy
what it was doing and he said a tube seems to have gone; hence the trip over
to my house.

After he found two tubes that aligned well with each other and set up the
amp, we ran it. The two new tubes now run within 1 degree of each other,
usually almost dead nuts the same. I don't think I have more than 200 hours
on my amp and thus far it's doing just fine.

I hope this helps you guys out there..plus for the record, I don't do any
contests nor RTTY duty cycles, in other words, I run no more than legal
limit at light duty and this has kept me at this type of temperature
differential. I only turn on the amp for rough band conditions and never on
WARC bands (I just don't like to punch out on a small band segment).

Best 73's

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Paul M Dunphy
Sent: Monday, March 17, 2008 8:07 PM

To: acom-list@yahoogroups.com
Subject: [acom-list] Dumb question (was GU74b revisited)

At 08:41 PM 3/17/2008, you wrote:

>I was told by Stan at Acom that less than 8 deg C difference is a good
match.
>
>73,
>Barry N1EU

Barry, et al,

What exactly are the criteria for "matching" GU-74bs, of any
other tubes for that matter? I assume that the 8 C temperature
window means that they are both putting out close to the same power
(and hence dissipating the same amount of heat.) My guess is that
exhaust temperature is just an indirect way of estimating power output.

Given that they are in parallel, is this simply a matter of
trying tube pairs until they draw the same plate current at a given
drive (because they both will have the same anode voltage.) I've
seen the term "balanced" and "matched" sets thrown around for
decades, be it 811As, 572Bs, 3-500Zs and now GU-74bs. Since I have a
single tube in the ACOM-1000, I guess it doesn't matter to me. In
previous amplifiers that used two or four of the above mentioned
glass tubes, if one of them blew, I just replaced it and never
worried about balancing or matching. It never caused any problems
that I am aware of.

Could someone give a simple description of what a "matched set"
is, and if it really matters that much. Does the tolerance of tubes
vary so widely from the manufacturers specs that one has to be overly
concerned about this? If so, how do the re-sellers put together a
"matched" set?

73/DX Paul VE1DX

_____ Information from ESET NOD32 Antivirus, version of virus signature
database 2953 (20080317) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2528. New Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-19 23:09:03 UTC
From: Jack Nelson
Topic: 2528 Message: 2528

Good evening to the group. Well, everyone was right. It's just a matter of patience. I had a tough time contacting Acom to purchase the amp, but once I did, they had my check the next day, and the amp arrived 4 days later.

I won't have the basement station set up until this weekend, but couldn't resist taking it out of the box. What a beauty! It's going to look super between the P3 and the Palstar Auto Tuner that should arrive on Friday.

Everyone have a nice evening. I'm off to HD to pick up a 240v plug.

Jack K5FSE
Cumming, GA

2529. Re: [acom-list] New Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-20 00:49:14 UTC
From: Mel Whitten
Topic: 2528 Message: 2529

Good Luck with your new Acom 1000!
Mel

----- Original Message -----
From: Jack Nelson
To: acom-list@yahoogroups.com
Sent: Wednesday, March 19, 2008 6:09 PM
Subject: [acom-list] New Acom 1000

Good evening to the group. Well, everyone was right. It's just a matter of patience. I had a tough time contacting Acom to purchase the amp, but once I did, they had my check the next day, and the amp arrived 4 days later.

I won't have the basement station set up until this weekend, but couldn't resist taking it out of the box. What a beauty! It's going to look super between the P3 and the Palstar Auto Tuner that should arrive on Friday.

Everyone have a nice evening. I'm off to HD to pick up a 240v plug.

Jack K5FSE
Cumming, GA

[Non-text portions of this message have been removed]

2530. Re: New Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-20 01:29:36 UTC
From: ah6fc
Topic: 2528 Message: 2530

--- In acom-list@yahoogroups.com, "Mel Whitten" <mel@...> wrote:
>You won't regret your decision. This is a great piece of work. Just remember to look at the "on" indicator...because you won't hear it running!

73, Bill
> Good Luck with your new Acom 1000!
> Mel
>
> ----- Original Message -----
> From: Jack Nelson
> To: acom-list@yahoogroups.com
> Sent: Wednesday, March 19, 2008 6:09 PM
> Subject: [acom-list] New Acom 1000
>
>
> Good evening to the group. Well, everyone was right. It's just a matter
> of patience. I had a tough time contacting Acom to purchase the amp,
> but once I did, they had my check the next day, and the amp arrived 4
> days later.
>
> I won't have the basement station set up until this weekend, but
> couldn't resist taking it out of the box. What a beauty! It's going to
> look super between the P3 and the Palstar Auto Tuner that should arrive
> on Friday.
>
> Everyone have a nice evening. I'm off to HD to pick up a 240v plug.
>
> Jack K5FSE
> Cumming, GA
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2531. Re:New Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-20 12:47:24 UTC
From: John & Carol Sebert
Topic: 2528 Message: 2531

ENJOY! I have had an ACOM 1000 for 3 or 4 months and it really works great. It has very good output. I can drive it as low as 10 watts with 350 to 400 watts out and it is very, very quiet.

John N9LBW

[Non-text portions of this message have been removed]

2532. Question about my spare tubes...

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-21 15:47:48 UTC
From: Fernando González
Topic: 2532 Message: 2532

Hello,
I just got a matched pair of GU74B NOS tubes. They´re made in Russia as they got a engraved star with the letters: CCCP marked inside. They´re not SVETLANA and instead they seems to be made by a company wich logo is something like a C inside a circle...I wondering if anyone know who was the company wich made them. Thanks!
EC1CT Fernando
E-mail: ec1ct@...

[Non-text portions of this message have been removed]

2533. RE: [acom-list] Question about my spare tubes...

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-21 16:13:07 UTC
From: N2TK
Topic: 2532 Message: 2533

Fernando,
I believe the C inside a circle designates the tube was made by Svetlana.
73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Fernando González
Sent: Friday, March 21, 2008 11:48 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Question about my spare tubes...

Hello,
I just got a matched pair of GU74B NOS tubes. They´re made in Russia as they got a engraved star with the letters: CCCP marked inside. They´re not SVETLANA and instead they seems to be made by a company wich logo is something like a C inside a circle...I wondering if anyone know who was the company wich made them. Thanks!
EC1CT Fernando
E-mail: ec1ct@... <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2534. Re: [acom-list] Question about my spare tubes...

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-21 17:09:46 UTC
From: Fernando González
Topic: 2532 Message: 2534

Hi Tony,
Oh, yesss...I think you´re right. Another fellow told me in private the same. My confusion was because I didn´t see the word Svetlana any where. THANK YOU, Tony.
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: N2TK
To: acom-list@yahoogroups.com
Sent: Friday, March 21, 2008 5:13 PM
Subject: RE: [acom-list] Question about my spare tubes...

Fernando,
I believe the C inside a circle designates the tube was made by Svetlana.
73,
N2TK, Tony

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Fernando González
Sent: Friday, March 21, 2008 11:48 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Question about my spare tubes...

Hello,
I just got a matched pair of GU74B NOS tubes. They´re made in Russia as they got a engraved star with the letters: CCCP marked inside. They´re not SVETLANA and instead they seems to be made by a company wich logo is something like a C inside a circle...I wondering if anyone know who was the company wich made them. Thanks!
EC1CT Fernando
E-mail: ec1ct@ure.es <mailto:ec1ct%40ure.es>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.21.8/1337 - Release Date: 20/03/2008 20:10

[Non-text portions of this message have been removed]

2535. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-22 16:30:52 UTC
From: Hans Remeeus
Topic: 2514 Message: 2535

Hello Eduardo,

I had the same question and this is what Stan from Acom wrote me in 2004:

Dear Hans,

Thank you for the question.

The transformer has two 120V-coils with a tap at 100V.

In one connection the upper coil is connected for 100V, and the lower - for 120V, giving a total sum for 220V.

In the other connection the upper coil is connected for 120V, and the lower - for 100V, giving the same total sum for 220V.

Both connections work well. Anyway, the 220V connection 3-4, 6-7, and 8-9-10 (which is printed in Bold on the sticker under the HV transformer) should be preferred since it normally exhibits a slightly less acoustic hum and less stray field under a full load.

In the voltage-conditions you described, a 220V selection is preferable. However, you should be sure that the mains voltage never exceeds 242V (+10% over 220V), which might happen especially during night hours. In such a case you should return to the 240V selection.

I am attaching three files with additional information. Please look at the file "A2000A_Protections.txt", p.6, p.11, and p.12 concerning the heater and mains voltages.

With a 220V selection and a 230V nominal voltage, it would be better to select the "HIGH" selection in the DEF sub-menu (p.12). Please note that you should refresh the antenna matching (via an AUTO TUNE cycle after a LOW-NORMAL-HIGH change) in order to have an effect.

Should you have questions please feel free to contact ACOM again.

73 de Stan LZ1IU
Sofia, 20 September 2004.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Eduardo PY2BL schreef:
> Hello list:

>
> The AC power here is 220Vac.
> Can anyone confirm what is the correct voltage setector setting: "220V" or "220V-res." ?
>
> 73 Eduardo PY2BL
>
>

2536. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 13:25:29 UTC
From: Eduardo PY2BL
Topic: 2514 Message: 2536

Hello Hans,

Thanks for your reply.

I received an e-mail from Stan with all the informations and pictures to correctly setup.

It is nice to have not only this wonderful amplifier but also a suberb support.

73

Eduardo PY2BL
py2bl@...
msn py2bl@...

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Saturday, March 22, 2008 1:30 PM
Subject: Re: [acom-list] voltage selector for 220Vac

Hello Eduardo,

I had the same question and this is what Stan from Acom wrote me in 2004:

Dear Hans,

Thank you for the question.

The transformer has two 120V-coils with a tap at 100V.

In one connection the upper coil is connected for 100V, and the lower -
for 120V, giving a total sum for 220V.

In the other connection the upper coil is connected for 120V, and the
lower - for 100V, giving the same total sum for 220V.

Both connections work well. Anyway, the 220V connection 3-4, 6-7, and
8-9-10 (which is printed in Bold on the sticker under the HV
transformer) should be preferred since it normally exhibits a slightly
less acoustic hum and less stray field under a full load.

In the voltage-conditions you described, a 220V selection is preferable.
However, you should be sure that the mains voltage never exceeds 242V
(+10% over 220V), which might happen especially during night hours. In
such a case you should return to the 240V selection.

I am attaching three files with additional information. Please look at
the file "A2000A_Protections.txt", p.6, p.11, and p.12 concerning the
heater and mains voltages.

With a 220V selection and a 230V nominal voltage, it would be better to
select the "HIGH" selection in the DEF sub-menu (p.12). Please note that
you should refresh the antenna matching (via an AUTO TUNE cycle after a
LOW-NORMAL-HIGH change) in order to have an effect.

Should you have questions please feel free to contact ACOM again.

73 de Stan LZ1IU
Sofia, 20 September 2004.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Eduardo PY2BL schreef:
> Hello list:
>
> The AC power here is 220Vac.
> Can anyone confirm what is the correct voltage setector setting: "220V" or "220V-res." ?
>
> 73 Eduardo PY2BL
>
>

[Non-text portions of this message have been removed]

2537. R: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 13:37:44 UTC
From: iv3yer
Topic: 2514 Message: 2537

Eduardo por faor me puote inviar queste info mucha grazias

Buena Pasqua a todos

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto
di Eduardo PY2BL
Inviato: domenica 23 marzo 2008 14.25
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] voltage selector for 220Vac

Hello Hans,

Thanks for your reply.

I received an e-mail from Stan with all the informations and pictures to
correctly setup.

It is nice to have not only this wonderful amplifier but also a suberb
support.

73

Eduardo PY2BL
py2bl@... <mailto:py2bl%40sigmanet.com.br>
msn py2bl@... <mailto:py2bl%40hotmail.com>

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Saturday, March 22, 2008 1:30 PM
Subject: Re: [acom-list] voltage selector for 220Vac

Hello Eduardo,

I had the same question and this is what Stan from Acom wrote me in 2004:

Dear Hans,

Thank you for the question.

The transformer has two 120V-coils with a tap at 100V.

In one connection the upper coil is connected for 100V, and the lower - for 120V, giving a total sum for 220V.

In the other connection the upper coil is connected for 120V, and the lower - for 100V, giving the same total sum for 220V.

Both connections work well. Anyway, the 220V connection 3-4, 6-7, and 8-9-10 (which is printed in Bold on the sticker under the HV transformer) should be preferred since it normally exhibits a slightly less acoustic hum and less stray field under a full load.

In the voltage-conditions you described, a 220V selection is preferable. However, you should be sure that the mains voltage never exceeds 242V (+10% over 220V), which might happen especially during night hours. In such a case you should return to the 240V selection.

I am attaching three files with additional information. Please look at the file "A2000A_Protections.txt", p.6, p.11, and p.12 concerning the heater and mains voltages.

With a 220V selection and a 230V nominal voltage, it would be better to select the "HIGH" selection in the DEF sub-menu (p.12). Please note that you should refresh the antenna matching (via an AUTO TUNE cycle after a LOW-NORMAL-HIGH change) in order to have an effect.

Should you have questions please feel free to contact ACOM again.

73 de Stan LZ1IU
Sofia, 20 September 2004.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Eduardo PY2BL schreef:
> Hello list:
>
> The AC power here is 220Vac.
> Can anyone confirm what is the correct voltage setector setting: "220V" or "220V-res." ?
>
> 73 Eduardo PY2BL
>
>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2967 (20080321) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

2538. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 13:51:24 UTC
From: Hans Remeeus
Topic: 2514 Message: 2538

Hi Eduardo,

Can you send me Stan's msg and photos in a private e-mail to
hans@... ?

Always interested in any info abt the 2000A.

You are right; the 2000A is a great amp!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Eduardo PY2BL schreef:
> Hello Hans,
>
> Thanks for your reply.
>
> I received an e-mail from Stan with all the informations and pictures to correctly setup.
>
> It is nice to have not only this wonderful amplifier but also a suberb support.
>
> 73
>
> Eduardo PY2BL
> py2bl@...
> msn py2bl@...

2539. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 16:52:49 UTC
From: Fernando González
Topic: 2514 Message: 2539

Hola Eduardo,

I´d like to receive that info too. Have it wired for 220v but got oftenly 235 and even 238v at nights. Please send it to my email:

fergondi@...

Moito Obrigado. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: iv3yer
To: acom-list@yahoogroups.com
Sent: Sunday, March 23, 2008 2:37 PM
Subject: R: [acom-list] voltage selector for 220Vac

Eduardo por faor me puote inviar queste info mucha grazias

Buena Pasqua a todos

73's Luigi

****

IV3YER

Maggi Luigi

Italian Dxlab Reflector

http://wwww.iv3yer.com

http://iv3yerblog.blogspot.com/

****

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Eduardo PY2BL
Inviato: domenica 23 marzo 2008 14.25
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] voltage selector for 220Vac

Hello Hans,

Thanks for your reply.

I received an e-mail from Stan with all the informations and pictures to correctly setup.

It is nice to have not only this wonderful amplifier but also a suberb support.

73

Eduardo PY2BL
py2bl@... <mailto:py2bl%40sigmanet.com.br>
msn py2bl@... <mailto:py2bl%40hotmail.com>

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Saturday, March 22, 2008 1:30 PM
Subject: Re: [acom-list] voltage selector for 220Vac

Hello Eduardo,

I had the same question and this is what Stan from Acom wrote me in 2004:

Dear Hans,

Thank you for the question.

The transformer has two 120V-coils with a tap at 100V.

In one connection the upper coil is connected for 100V, and the lower - for 120V, giving a total sum for 220V.

In the other connection the upper coil is connected for 120V, and the lower - for 100V, giving the same total sum for 220V.

Both connections work well. Anyway, the 220V connection 3-4, 6-7, and 8-9-10 (which is printed in Bold on the sticker under the HV transformer) should be preferred since it normally exhibits a slightly less acoustic hum and less stray field under a full load.

In the voltage-conditions you described, a 220V selection is preferable. However, you should be sure that the mains voltage never exceeds 242V (+10% over 220V), which might happen especially during night hours. In such a case you should return to the 240V selection.

I am attaching three files with additional information. Please look at the file "A2000A_Protections.txt", p.6, p.11, and p.12 concerning the heater and mains voltages.

With a 220V selection and a 230V nominal voltage, it would be better to select the "HIGH" selection in the DEF sub-menu (p.12). Please note that you should refresh the antenna matching (via an AUTO TUNE cycle after a LOW-NORMAL-HIGH change) in order to have an effect.

Should you have questions please feel free to contact ACOM again.

73 de Stan LZ1IU
Sofia, 20 September 2004.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Eduardo PY2BL schreef:
> Hello list:
>
> The AC power here is 220Vac.
> Can anyone confirm what is the correct voltage setector setting: "220V" or
"220V-res." ?
>
> 73 Eduardo PY2BL
>
>

[Non-text portions of this message have been removed]

_____ Informazione NOD32 2967 (20080321) _____

Questo messaggio è stato controllato dal Sistema Antivirus NOD32
http://www.nod32.it

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.21.8/1339 - Release Date: 22/03/2008 16:43

[Non-text portions of this message have been removed]

2540. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 17:15:43 UTC
From: Hans Remeeus
Topic: 2514 Message: 2540

In that case you have to wire it for 240 Volt.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando Gonz?lez schreef:
> Hola Eduardo,
>
> I?d like to receive that info too. Have it wired for 220v but got oftenly 235 and even 238v at nights. Please send it to my email:
>
> fergondi@...
>
> Moito Obrigado. 73s
> EC1CT Fernando
> E-mail: ec1ct@...
>

2541. Re: [acom-list] voltage selector for 220Vac

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-23 21:13:34 UTC
From: Eduardo PY2BL
Topic: 2514 Message: 2541

Don´t forget that via a submenu on the RCU you can set it for LOW, NORMAL or HIGH with respect to the transformer tap for additional fine tuning.

73,
Eduardo PY2BL
py2bl@...
msn py2bl@...

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Sunday, March 23, 2008 2:15 PM
Subject: Re: [acom-list] voltage selector for 220Vac

In that case you have to wire it for 240 Volt.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando González schreef:
> Hola Eduardo,
>
> I´d like to receive that info too. Have it wired for 220v but got oftenly 235 and even 238v at nights. Please send it to my email:
>
> fergondi@...
>
> Moito Obrigado. 73s
> EC1CT Fernando
> E-mail: ec1ct@...
>

[Non-text portions of this message have been removed]

2542. Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-24 18:47:57 UTC
From: f5nbu.hamradio
Topic: 2542 Message: 2542

hello
In RX i had yesterday and today default (G2 too low voltage 012V)
manual for this troubleshooting is not well explained.
You have more information on this default.
best 73
Yann - F5NBU

2543. GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:08:13 UTC
From: Hal Kennedy
Topic: 2543 Message: 2543

Kees, PA7TWO occasionally has NOS GU-74Bs for sale. Just thought I would pass along that I just bought two from him - they arrived quickly, were well packed and run great. I aged them in the amp for three hours then went to full power - no problems at all. I still suggest, as does Kees, that tubes from the 80s and early 90s receive more seasoning than I gave these - but I had no problem with them cutting it as short as I thought I could reasonably get away with. They are very well matched as well and run within 2 degrees C of each other (though not sold as a matched pair). TNX Kees!

Hal

N4GG

[Non-text portions of this message have been removed]

2544. RE: [acom-list] GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:30:31 UTC
From: Kees - pa7two
Topic: 2543 Message: 2544

Hi OM Hall,

Your welcome :-) Thank you.
Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp
Please visite my HAM sales webpage at < http://www.2dehands.nl/winkel/ham_tubes/ >

To: acom-list@yahoogroups.comFrom: halken@...: Fri, 28 Mar 2008 22:08:13 +0000Subject: [acom-list] GU-74b's from Kees

Kees, PA7TWO occasionally has NOS GU-74Bs for sale. Just thought Iwould pass along that I just bought two from him - they arrived quickly,were well packed and run great. I aged them in the amp for three hoursthen went to full power - no problems at all. I still suggest, as doesKees, that tubes from the 80s and early 90s receive more seasoning thanI gave these - but I had no problem with them cutting it as short as Ithought I could reasonably get away with. They are very well matched aswell and run within 2 degrees C of each other (though not sold as amatched pair). TNX Kees!HalN4GG[Non-text portions of this message have been removed]

Test your Star IQ
http://club.live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR

[Non-text portions of this message have been removed]

2545. Re: GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:36:25 UTC
From: Franki ON5ZO
Topic: 2543 Message: 2545

> Kees, PA7TWO occasionally has NOS GU-74Bs for sale.
> N4GG

I concur. Although I haven't yet tested the tube I bought from Kees, it arrived and was VERY carefully packed. No rip off. Kees is to be trusted.

73 de Franki ON5ZO

2546. RE: [acom-list] GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:37:50 UTC
From: EA1DR Óscar Luis
Topic: 2543 Message: 2546

Hi to all;

I have recently bought a valve to KEES, I received correctly, sending fast and very well packaged, thank you KEES ..Great Job

EA1DR Óscar Luis

ea1dr@...

73's

De: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] En nombre de Kees - pa7two
Enviado el: viernes, 28 de marzo de 2008 23:31
Para: acom-list@yahoogroups.com
Asunto: RE: [acom-list] GU-74b's from Kees

Hi OM Hall,

Your welcome :-) Thank you.
Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp Please visite my HAM sales webpage at < http://www.2dehands <http://www.2dehands.nl/winkel/ham_tubes/> .nl/winkel/ham_tubes/ >

To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.comFrom> ps.comFrom: halken@comcast. <mailto:halken%40comcast.netDate> netDate: Fri, 28 Mar 2008 22:08:13 +0000Subject: [acom-list] GU-74b's from Kees

Kees, PA7TWO occasionally has NOS GU-74Bs for sale. Just thought Iwould pass along that I just bought two from him - they arrived quickly,were well packed and run great. I aged them in the amp for three hoursthen went to full power - no problems at all. I still suggest, as doesKees, that tubes from the 80s and early 90s receive more seasoning thanI gave these - but I had no problem with them cutting it as short as Ithought I could reasonably get away with. They are very well matched aswell and run within 2 degrees C of each other (though not sold as amatched pair). TNX Kees!HalN4GG[Non-text portions of this message have been removed]

Test your Star IQ
http://club.
<http://club.live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR>
live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR

[Non-text portions of this message have been removed]

_____ Informacisn de NOD32, revisisn 2982 (20080328) _____

Este mensaje ha sido analizado con NOD32 antivirus system
http://www.nod32.com

[Non-text portions of this message have been removed]

2547. RE: [acom-list] GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:43:21 UTC
From: Kees - pa7two
Topic: 2543 Message: 2547

Hi OM Oscar,

Thanks for your kind remarks. I always do my outmost best with selecting and packaging these delicate GU74B tubes :-) Enjoy your new tube!

See you in the WPX?
Vy 73, de Kees

Member of an all HAM family
AmateurRadio : PA7TWO - M5TWO Locator: JO22jp
Please visite my HAM sales webpage at < http://www.2dehands.nl/winkel/ham_tubes/ >

To: acom-list@yahoogroups.comFrom: ea1dr@...: Fri, 28 Mar 2008 23:37:50 +0100Subject: RE: [acom-list] GU-74b's from Kees

Hi to all; I have recently bought a valve to KEES, I received correctly, sending fastand very well packaged, thank you KEES ..Great JobEA1DR Óscar Luisea1dr@...73's_____ De: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] En nombrede Kees - pa7twoEnviado el: viernes, 28 de marzo de 2008 23:31Para: acom-list@yahoogroups.comAsunto: RE: [acom-list] GU-74b's from KeesHi OM Hall, Your welcome :-) Thank you. Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWOLocator: JO22jp Please visite my HAM sales webpage at < http://www.2dehands<http://www.2dehands.nl/winkel/ham_tubes/> .nl/winkel/ham_tubes/ >To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.comFrom> ps.comFrom:halken@comcast. <mailto:halken%40comcast.netDate> netDate: Fri, 28 Mar 200822:08:13 +0000Subject: [acom-list] GU-74b's from KeesKees, PA7TWO occasionally has NOS GU-74Bs for sale. Just thought Iwould passalong that I just bought two from him - they arrived quickly,were wellpacked and run great. I aged them in the amp for three hoursthen went tofull power - no problems at all. I still suggest, as doesKees, that tubesfrom the 80s and early 90s receive more seasoning thanI gave these - but Ihad no problem with them cutting it as short as Ithought I could reasonablyget away with. They are very well matched aswell and run within 2 degrees Cof each other (though not sold as amatched pair). TNX Kees!HalN4GG[Non-textportions of this message have been removed] _____Test your Star IQhttp://club.<http://club.live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR>live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR[Non-text portions of this message have been removed]_____ Informacisn de NOD32, revisisn 2982 (20080328) _____Este mensaje ha sido analizado con NOD32 antivirus systemhttp://www.nod32.com[Non-text portions of this message have been removed]

_____
Test your Star IQ
http://club.live.com/red_carpet_reveal.aspx?icid=redcarpet_HMTAGMAR

[Non-text portions of this message have been removed]

2548. RE: [acom-list] Re: GU-74b's from Kees

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-28 22:45:11 UTC
From: Kees - pa7two
Topic: 2543 Message: 2548

Hi OM Franki,

Thanks for the kind remarks! You have a good spare :-) See you in the WPX too?

Vy 73, de Kees
Member of an all HAM family
AmateurRadio : PA7TWO - M5TWO Locator: JO22jp
Please visite my HAM sales webpage at < http://www.2dehands.nl/winkel/ham_tubes/ >

To: acom-list@yahoogroups.comFrom: on5zo@...: Fri, 28 Mar 2008 23:36:25 +0100Subject: [acom-list] Re: GU-74b's from Kees

> Kees, PA7TWO occasionally has NOS GU-74Bs for sale.> N4GGI concur. Although I haven't yet tested the tube I bought from Kees, it arrived and was VERY carefully packed. No rip off. Kees is to be trusted.73 de Franki ON5ZO

_____
In a rush? Get real-time answers with Windows Live Messenger.
http://www.windowslive.com/messenger/overview.html?ocid=TXT_TAGLM_WL_Refresh_realtime_042008

[Non-text portions of this message have been removed]

2549. Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 14:34:29 UTC
From: GI0WLW
Topic: 2549 Message: 2549

I have recently bought an Acomm 2000A,but the 3mts control cable is not long enough for my station set up.Does anyone know what length the extension cable for the controller is?I need about 20ft for my set up.

Hugh GI0WLW

2550. Re: [acom-list] Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 14:56:38 UTC
From: Fernando González
Topic: 2549 Message: 2550

Hello Hugh,
I got mine from Ron at Vine UK and it´s 10 meters long wich is aprox. 33 ft...I can´t remember its price (was bought a few months ago) but it wasn´t cheap at all I´m affraid.
Hope this help. 73s
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: GI0WLW
To: acom-list@yahoogroups.com
Sent: Monday, March 31, 2008 4:34 PM
Subject: [acom-list] Acom 2000a controller extension?

I have recently bought an Acomm 2000A,but the 3mts control cable is
not long enough for my station set up.Does anyone know what length the
extension cable for the controller is?I need about 20ft for my set up.

Hugh GI0WLW

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.1/1350 - Release Date: 30/03/2008 12:32

[Non-text portions of this message have been removed]

2551. Re: [acom-list] Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 16:39:15 UTC
From: k0dan@comcast.net
Topic: 2549 Message: 2551

A standard computer serial extension cable works just fine. Your local computer supply store should have various lengths, connector genders, etc.

GL es 73
Dan
K0DAN

-------------- Original message ----------------------
From: Fernando Gonz?lez <fergondi@...>
> Hello Hugh,
> I got mine from Ron at Vine UK and it?s 10 meters long wich is aprox. 33 ft...I
> can?t remember its price (was bought a few months ago) but it wasn?t cheap at
> all I?m affraid. Hope this help. 73s
> EC1CT Fernando
> E-mail: ec1ct@...
>
> ----- Original Message -----
> From: GI0WLW
> To: acom-list@yahoogroups.com
> Sent: Monday, March 31, 2008 4:34 PM
> Subject: [acom-list] Acom 2000a controller extension?
>
>
> I have recently bought an Acomm 2000A,but the 3mts control cable is
> not long enough for my station set up.Does anyone know what length the
> extension cable for the controller is?I need about 20ft for my set up.
>
> Hugh GI0WLW
>
>
>
>
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.1/1350 - Release Date: 30/03/2008
> 12:32
>
>
> [Non-text portions of this message have been removed]
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2552. Re: Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 16:58:14 UTC
From: Dick Green
Topic: 2549 Message: 2552

I don't think you need an Acom-provided extension cable. I recently extended my control cable with a standard, off-the-shelf 6 ft M-F DB-9 "straight" RS-232 cable (all nine pins connected straight through -- do *not* use a null modem cable.) So far, I haven't seen any ill effects from using it.

Near as I can tell from the schematic, all communication between the RCU and amp is digital, using RS-232-like technology (the RCU uses the same line drivers as the RS-232 port.) If that's true, no adjustments should be needed for different cable lengths. The conservative limit on the length of RS-232 cables is 50 ft at 9600 baud, and if high-quality cable is used that can be up to about 150 ft. I don't know the baud rate between the RCU and CPU, but it's probably no higher than 19200 baud. I'm sure a 20-foot cable would be no problem at that speed. Probably best to buy shielded cable.

12 ft lengths are standard, and you might be able to find a 24 ft cables. Or, you could combine two 12 ft lengths, or a 12 ft. and 6 ft. Or, you can make your own custom-length extension cable with some multi-wire cable and a couple of DB-9 connectors. You can open the RCU connector shell to see how many conductors are actually required. I don't think it's all nine -- maybe 4 or 5 including signal ground.

Has anyone had any trouble using standard, off-the shelf RS-232 extension cables with the 2000A?

73, Dick WC1M

--- In acom-list@yahoogroups.com, "GI0WLW" <gi0wlw@...> wrote:
>
> I have recently bought an Acomm 2000A,but the 3mts control cable is
> not long enough for my station set up.Does anyone know what length
the
> extension cable for the controller is?I need about 20ft for my set up.
>
> Hugh GI0WLW
>

2553. re: [acom-list] Re: Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 17:35:34 UTC
From: Jim Idelson
Topic: 2549 Message: 2553

I recently added a length of about 20 feet with a standard cable and it works flawlessly.

> I don't think you need an Acom-provided extension cable. I recently extended my control cable with a standard, off-the-shelf 6 ft M-F DB-9 "straight" RS-232 cable (all nine pins connected straight through -- do *not* use a null modem cable.) So far, I haven't seen any ill effects from using it.

Near as I can tell from the schematic, all communication between the RCU and amp is digital, using RS-232-like technology (the RCU uses the same line drivers as the RS-232 port.) If that's true, no adjustments should be needed for different cable lengths. The conservative limit on the length of RS-232 cables is 50 ft at 9600 baud, and if high-quality cable is used that can be up to about 150 ft. I don't know the baud rate between the RCU and CPU, but it's probably no higher than 19200 baud. I'm sure a 20-foot cable would be no problem at that speed. Probably best to buy shielded cable.

12 ft lengths are standard, and you might be able to find a 24 ft cables. Or, you could combine two 12 ft lengths, or a 12 ft. and 6 ft. Or, you can make your own custom-length extension cable with some multi-wire cable and a couple of DB-9 connectors. You can open the RCU connector shell to see how many conductors are actually required. I don't think it's all nine -- maybe 4 or 5 including signal ground.

Has anyone had any trouble using standard, off-the shelf RS-232 extension cables with the 2000A?

73, Dick WC1M

--- In acom-list@yahoogroups.com, "GI0WLW" <gi0wlw@...> wrote:
>
> I have recently bought an Acomm 2000A,but the 3mts control cable is
> not long enough for my station set up.Does anyone know what length
the
> extension cable for the controller is?I need about 20ft for my set up.
>
> Hugh GI0WLW
>

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

2554. re: [acom-list] Re: Acom 2000a controller extension?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-03-31 18:01:31 UTC
From: Bill NY9H
Topic: 2549 Message: 2554

At 12:35 PM 3/31/2008, you wrote:
>I recently added a length of about 20 feet with a standard cable and it works
>flawlessly.

I built my own for the " AMP IN THE BASEMENT".... WORKED FINE...
about 14 feet....

bill

http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=73801549

2555. A2000 Fan & Software

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-01 17:25:15 UTC
From: Lorenzo Mendini
Topic: 2555 Message: 2555

Hi, about one week ago i have bought and installed at my home my new acom 2000, now i want install the optional fan, anyone can suggest some details about this fan and the installation?
another question, anyone can send me the software to control the A2000 via PC?
Many thanks bye bye.

[Non-text portions of this message have been removed]

2556. grid voltage low on my 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-01 23:00:02 UTC
From: paul glassman
Topic: 2556 Message: 2556

reading is grid voltage low on my 2000a

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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2557. grid voltage low?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-01 22:58:04 UTC
From: paul glassman
Topic: 2557 Message: 2557

hey guys, i am getting a "grid voltage low" error on
the display. what can i do to correct the error?
73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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2558. g2 error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-01 23:20:21 UTC
From: paul glassman
Topic: 2558 Message: 2558

hey keep getting g2 error on the display. shut it down
and waited 15 minutes.. no success... and
suggestions?
73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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2559. Re: [acom-list] grid voltage low on my 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-02 00:01:30 UTC
From: John Peters
Topic: 2556 Message: 2559

The manual says "Turn the Amp off for 5 minutes" and "the drive is too high"

I would try the OFF/ON and reduce the drive.

73 John K1ER
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Tuesday, April 01, 2008 1:00 PM
Subject: [acom-list] grid voltage low on my 2000a

reading is grid voltage low on my 2000a

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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[Non-text portions of this message have been removed]

2560. g2 error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-02 00:54:07 UTC
From: paul glassman
Topic: 2558 Message: 2560

ok guys... got past the g2 error... went to the
archives and shut it down and restarted three times..
problem solved. i need someone to call me who has
expertise with their 2000a.
73 paul w8jn 513 259 9497

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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2561. Re: [acom-list] g2 error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-02 00:45:00 UTC
From: John Peters
Topic: 2558 Message: 2561

Did you reduce the drive?

I'd say call ACOM in Mass.

73 John K1ER
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Tuesday, April 01, 2008 1:20 PM
Subject: [acom-list] g2 error

hey keep getting g2 error on the display. shut it down
and waited 15 minutes.. no success... and
suggestions?
73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

_____
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[Non-text portions of this message have been removed]

2562. Re: [acom-list] g2 error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-02 01:45:51 UTC
From: paul glassman
Topic: 2558 Message: 2562

grid plug bad connection!
--- John Peters <petersj007@...> wrote:

> Did you reduce the drive?
>
> I'd say call ACOM in Mass.
>
> 73 John K1ER
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Tuesday, April 01, 2008 1:20 PM
> Subject: [acom-list] g2 error
>
>
> hey keep getting g2 error on the display. shut it
> down
> and waited 15 minutes.. no success... and
> suggestions?
> 73 paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
>
>

> You rock. That's why Blockbuster's offering you
> one month of Blockbuster Total Access, No Cost.
> http://tc.deals.yahoo.com/tc/blockbuster/text5.com
>
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>
> [Non-text portions of this message have been
> removed]
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>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

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2563. BIAS VOLTAGE TOO LOW.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-03 18:04:38 UTC
From: marcelo@alternex.com.br
Topic: 2557 Message: 2563

Hello guys

During the last WPX, at saturday evening, my Acom 2000 tripped with the message "BIAS VOLTAGE TOO LOW".

I can't start it any anymore. I tried the solutions in the manual: checking the PTT loop and switching off for a while, with little luck. After some 5 seconds into the startup sequence it switches off with this message.

I suspect I had a tube failure. Can it be? How to test? Has anyone had this problem?

Thanks

Marcelo, PY1KN

2564. Bias voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-03 21:56:20 UTC
From: Hal Kennedy
Topic: 2564 Message: 2564

Acom amp reflectorAlmost certainly a tube failure - and the most common failure I have seen in these tubes and amps.
The only two ways I know to test for this are to either test by replacing one tube at a time with a known good tube, or to pull the tubes and put on ohmmeter from each grid pin to all other pins and anode on the highest scale you have (megohms). If you can read any resistance at all you have a bad tube - but a bad tube will sometimes pass this test.

This is not an accusation of any kind, but this failure seems to show up commonly one of two ways:
- Tubes bought out of the Ukraine - which are all junk as best I can determine and are not NOS - the soviets never warehoused tubes in the Ukraine. Tubes from the Ukraine are pulls from old gear and are used,and often arrive with the grids already damaged.
- Routinely going beyond 1500W output. Even a little.

Here is a test I suggest everyone who owns a 2000A run for their own satisfaction - I think I have mentioned this before here:

Auto tune the amp into a nice 50 ohm dummy load. While set to measure control grid current, turn up the drive and watch what happens. Then do it over again while watching screen grid current. Notice, up to 1500W output both currents are essentially zero. Also notice as you move above 1500W output the grid currents take off - fast - into the destructive range of the tubes. This is the one area where the amp will not fault-out either. Between 1500 and 2000W output the amp will just let you slowly melt the grids. Above 2KW someplace the amp will fault-out on overdrive - but you are damaging the tubes before you hit that point.

73, Hal
N4GG

[Non-text portions of this message have been removed]

2565. heaters on before timeout started

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-03 22:31:45 UTC
From: paul glassman
Topic: 2565 Message: 2565

this is the message i get... any ideas what is
causing it and how to correct it?
73 paul w8jn

Quantum materiae materietur marmota monax
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_____
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2566. Newbie question

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 00:24:11 UTC
From: Jack Nelson
Topic: 2566 Message: 2566

Good evening. I have a new 1000, that just had power applied last night. I'm using it with a Pro3 and a Palstar AT-Auto Tuner with the KL circuitry. This is basically QRO circuitry that allows the tuner to keep the rig and amp from transmitting while it's doing it's tuning thing.

My problem is that I've set the P3 for 25w, and that is what shows on the tuner's meter, but while the 1000 has the green op light on, the amp is not doing anything while the rig is transmitting...just like it's still in standby.

When the green op light is on, that means the amp in in the Operate, readyy to go mode, correct?

I think my problem is in the configuration of the QRO keyline on the tuner.

What is the stupid newbie error I'm making?

2567. Re: [acom-list] Newbie question

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 01:27:40 UTC
From: Paul M Dunphy
Topic: 2566 Message: 2567

At 09:24 PM 4/3/2008, you wrote:
>Good evening. I have a new 1000, that just had power applied last
>night. I'm using it with a Pro3 and a Palstar AT-Auto Tuner with the KL
>circuitry. This is basically QRO circuitry that allows the tuner to
>keep the rig and amp from transmitting while it's doing it's tuning
>thing.
>
>My problem is that I've set the P3 for 2, and that is what shows on
>the tuner's meter, but while the 1000 has the green op light on, the
>amp is not doing anything while the rig is transmitting...just like
>it's still in standby.
>
>When the green op light is on, that means the amp in in the Operate,
>readyy to go mode, correct?
>
>I think my problem is in the configuration of the QRO keyline on the
>tuner.
>
>What is the stupid newbie error I'm making?

Jeff,

I don't know what the "Palstar AT-Auto Tuner with the KL
circuitry" is doing for you, but I have exactly the same setup
(PROIII and an ACOM-1000.) I key the amp directly from the PROIII
and have been doing so for almost a year. Works fine. I'd eliminate
the Palstar for now until you verify the rig can key the amp
properly, and then put it back if you still feel it is
necessary. (And yes, with the green LED on it is in operate mode and
should "amplify" when RF is applied and the amp is keyed.)

73/DX Paul VE1DX

2568. Re: [acom-list] Bias voltage too low

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 10:18:12 UTC
From: marcelo@alternex.com.br
Topic: 2564 Message: 2568

Hello Hal

Thanks for the information.

I believe the cause for the failure was that I transmitted for hours at the wrong antenna, without noticing it. A 40m dipole on 15m. Maybe the SRW was not high enough to trip the protection, but enought to damage the tubes in the long run.

I got very upset at myself when I noticed it, too late. I think a automatic antenna switching would pay itself, hihi.

73
Marcelo, PY1KN

> Acom amp reflectorAlmost certainly a tube failure - and the most common
> failure I have seen in these tubes and amps.
> The only two ways I know to test for this are to either test by replacing
> one tube at a time with a known good tube, or to pull the tubes and put on
> ohmmeter from each grid pin to all other pins and anode on the highest scale
> you have (megohms). If you can read any resistance at all you have a bad
> tube - but a bad tube will sometimes pass this test.
>
> This is not an accusation of any kind, but this failure seems to show up
> commonly one of two ways:
> - Tubes bought out of the Ukraine - which are all junk as best I can
> determine and are not NOS - the soviets never warehoused tubes in the
> Ukraine. Tubes from the Ukraine are pulls from old gear and are used,and
> often arrive with the grids already damaged.
> - Routinely going beyond 1500W output. Even a little.
>
> Here is a test I suggest everyone who owns a 2000A run for their own
> satisfaction - I think I have mentioned this before here:
>
> Auto tune the amp into a nice 50 ohm dummy load. While set to measure
> control grid current, turn up the drive and watch what happens. Then do it
> over again while watching screen grid current. Notice, up to 1500W output
> both currents are essentially zero. Also notice as you move above 1500W
> output the grid currents take off - fast - into the destructive range of the
> tubes. This is the one area where the amp will not fault-out either.
> Between 1500 and 2000W output the amp will just let you slowly melt the
> grids. Above 2KW someplace the amp will fault-out on overdrive - but you
> are damaging the tubes before you hit that point.
>
>
> 73, Hal
> N4GG

>
>
>
> [Non-text portions of this message have been removed]
>
>

2569. Re: [acom-list] heaters on before timeout started

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 11:42:17 UTC
From: paul glassman
Topic: 2565 Message: 2569

heaters on before timeout started

> this is the message i get... any ideas what is
> causing it and how to correct it?
> 73 paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
>
>
>

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2570. Re: [acom-list] heaters on before timeout started

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 12:57:42 UTC
From: LA7SL Nils P. Pedersen
Topic: 2565 Message: 2570

Quantum materiae materietur marmota monax si marmota monax materiam possit materiari?
means :
How much wood would a woodchuck chuck if a woodchuck could chuck wood?
****
I think the answer is : Just enough....possibly a little more or less...

Did that solve your problem Paul ?
73's :-)
Peter
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Friday, April 04, 2008 1:42 PM
Subject: Re: [acom-list] heaters on before timeout started

heaters on before timeout started

> this is the message i get... any ideas what is
> causing it and how to correct it?
> 73 paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
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> You rock. That's why Blockbuster's offering you one
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>

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No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.5/1358 - Release Date: 03.04.2008 18:36

[Non-text portions of this message have been removed]

2571. Re: [acom-list] heaters on before timeout started

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 13:08:58 UTC
From: paul glassman
Topic: 2565 Message: 2571

nils, problem not solved.... any ideas what is
causing the fault?

--- "LA7SL Nils P. Pedersen" <la7sl@...> wrote:

>
> Did that solve your problem Paul ?
> 73's :-)
> Peter
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Friday, April 04, 2008 1:42 PM
> Subject: Re: [acom-list] heaters on before timeout
> started
>
>
>
> heaters on before timeout started
>
> > this is the message i get... any ideas what is
> > causing it and how to correct it?
> > 73 paul w8jn
> >
> > Quantum materiae materietur marmota monax
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>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.5/1358 -
> Release Date: 03.04.2008 18:36
>
>
> [Non-text portions of this message have been
> removed]
>
>

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si marmota monax materiam possit materiari?

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2572. gain too low /mains fuse blowing

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 13:14:24 UTC
From: LA7SL Nils P. Pedersen
Topic: 2572 Message: 2572

A serious question here :
Did anybody solve the "gain too low" problem with the 2000A ?
I have exactly the same thing happening here. Output drops to 5-600 watts
and the amp protects with this message. Sometimes it helps to retune the segment,-
sometimes not. If not, restart 2-3 times usually solves it... but i cannot find
the real problem. Lately the amp has on two occasions blown the main fuse
at the end of the startup cycle. Replacing the fuse and restarting solved the problem
for several weeks. Power normal and all readings normal until next time it happened.
Same routine and it is still normal, but with the occasional "low gain" trip...
Antennas are checked and excluded as a reason for this. The fault is antenna and band
independent. All monobanders here. I think I may have had a couple of flashovers in the
tubes
(fuse blowing) but I am not sure if this is in any way connected to the periodic "low gain"
problem. Anybody ??
Peter
LA7SL

[Non-text portions of this message have been removed]

2573. RE: [acom-list] gain too low /mains fuse blowing

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 13:28:43 UTC
From: Robert Naumann
Topic: 2572 Message: 2573

I am expecting that Hal, N4GG will chime in shortly with a "bad tube"
diagnosis for this problem.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of LA7SL Nils P. Pedersen
Sent: Friday, April 04, 2008 8:14 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] gain too low /mains fuse blowing

A serious question here :
Did anybody solve the "gain too low" problem with the 2000A ?
I have exactly the same thing happening here. Output drops to 5-600 watts
and the amp protects with this message. Sometimes it helps to retune the
segment,-
sometimes not. If not, restart 2-3 times usually solves it... but i cannot
find
the real problem. Lately the amp has on two occasions blown the main fuse
at the end of the startup cycle. Replacing the fuse and restarting solved
the problem
for several weeks. Power normal and all readings normal until next time it
happened.
Same routine and it is still normal, but with the occasional "low gain"
trip...
Antennas are checked and excluded as a reason for this. The fault is antenna
and band independent. All monobanders here. I think I may have had a couple
of flashovers in the tubes
(fuse blowing) but I am not sure if this is in any way connected to the
periodic "low gain"
problem. Anybody ??
Peter
LA7SL

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2574. Re: [acom-list] heaters on before timeout started

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 14:23:14 UTC
From: LA7SL Nils P. Pedersen
Topic: 2565 Message: 2574

Hi !
Not really,,,,
Sounds very strange to me..
I can think of only three possibilities.
1. internal wiring / relay problems
2. sensor problems
3 Software problems.
details:
1 : There may be a wiring problem or a relay (?) problem that causes the heaters to get current before they should. Could be caused by a faulty relay, faulty relay wiring/control or a short somewhere.
2 for the CPU to know when things are happening and what is happening it needs to receive control signals from appropriate points in the amp.
If it erronously receives voltage/current present from the heater circuit it " thinks" there is a problem when there is not.
3. CPU has a problem and interprets the situation erronously.

As you can see these three points actually includes a lot of circuitry like the RF-deck the power supply the interface and the CPU !! My advice : Call Acom !
Sorry Paul...
73's
Nils "Peter"
----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Friday, April 04, 2008 3:08 PM
Subject: Re: [acom-list] heaters on before timeout started

nils, problem not solved.... any ideas what is
causing the fault?

--- "LA7SL Nils P. Pedersen" <la7sl@...> wrote:

>
> Did that solve your problem Paul ?
> 73's :-)
> Peter
> ----- Original Message -----
> From: paul glassman
> To: acom-list@yahoogroups.com
> Sent: Friday, April 04, 2008 1:42 PM
> Subject: Re: [acom-list] heaters on before timeout
> started
>
>
>

> heaters on before timeout started
>
> > this is the message i get... any ideas what is
> > causing it and how to correct it?
> > 73 paul w8jn
> >
> > Quantum materiae materietur marmota monax
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> Quantum materiae materietur marmota monax
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>
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> Version: 7.5.519 / Virus Database: 269.22.5/1358 -
> Release Date: 03.04.2008 18:36
>
>
> [Non-text portions of this message have been
> removed]
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

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You rock. That's why Blockbuster's offering you one month of Blockbuster Total Access, No Cost.
http://tc.deals.yahoo.com/tc/blockbuster/text5.com

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.5/1358 - Release Date: 03.04.2008 18:36

[Non-text portions of this message have been removed]

2575. Gain too low/blown fuses

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 20:04:22 UTC
From: Hal Kennedy
Topic: 2575 Message: 2575

Hi Bob, sounds like a bad tube to me :-)

In all seriousness, gain too low is typically a bad tube, and having the fault intermittently is very consistent with a failed grid. However, I have never encountered blown mains fuses before, so I'm not sure what to make of that.

A hard short of a control grid to either the cathode or the screen grid of either tube will remove all grid bias, and at that point the tubes both go to full conduction and essentially short the plate supply, even if you are in standby. I suspect that will blow the mains fuses, since the protection circuits simply put you in standby and none of them remove the anode voltage - its always on the tubes. I'm guessing this particular failure will reveal itself just by putting an ohm meter on the tubes.

Grid troubles in these tubes can cause some very odd behaviors. My first-ever failed tube produced the following symptoms: The amp ran normally in every respect except while it used to auto-tune up to a 3:1 SWR, after a while it would only auto-tune up to about 2:1. Beyond that, auto-tune would yield an "SWR too high" error message, even though the SWR was only 2:1 and the amp continued to run great into 2:1 - it just would not auto-tune anymore. As months went by it got worse and worse, until the amp would not auto-tune even into a dummy load - but you could manual tune it and it ran great, including normal gain, full output, and good matching between the tube temperatures. Turned out to be a bad tube. I have no idea what was wrong with that tube, but it taught me to suspect tubes before anything else.

73

Hal N4GG

[Non-text portions of this message have been removed]

2576. RE: [acom-list] Gain too low/blown fuses

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-04 20:07:34 UTC
From: Kees - pa7two
Topic: 2575 Message: 2576

Blow fuse is due to an ARC.Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.comFrom: halken@...: Fri, 4 Apr 2008 20:04:22 +0000Subject: [acom-list] Gain too low/blown fuses

Hi Bob, sounds like a bad tube to me :-)In all seriousness, gain too low is typically a bad tube, and having thefault intermittently is very consistent with a failed grid. However, Ihave never encountered blown mains fuses before, so I'm not sure what tomake of that. A hard short of a control grid to either the cathode or the screen gridof either tube will remove all grid bias, and at that point the tubesboth go to full conduction and essentially short the plate supply, evenif you are in standby. I suspect that will blow the mains fuses, sincethe protection circuits simply put you in standby and none of themremove the anode voltage - its always on the tubes. I'm guessing thisparticular failure will reveal itself just by putting an ohm meter onthe tubes.Grid troubles in these tubes can cause some very odd behaviors. Myfirst-ever failed tube produced the following symptoms: The amp rannormally in every respect except while it used to auto-tune up to a 3:1SWR, after a while it would only auto-tune up to about 2:1. Beyondthat, auto-tune would yield an "SWR too high" error message, even thoughthe SWR was only 2:1 and the amp continued to run great into 2:1 - itjust would not auto-tune anymore. As months went by it got worse andworse, until the amp would not auto-tune even into a dummy load - butyou could manual tune it and it ran great, including normal gain, fulloutput, and good matching between the tube temperatures. Turned out tobe a bad tube. I have no idea what was wrong with that tube, but ittaught me to suspect tubes before anything else.73 Hal N4GG[Non-text portions of this message have been removed]

Pack up or back up?use SkyDrive to transfer files or keep extra copies. Learn how. hthttp://www.windowslive.com/skydrive/overview.html?ocid=TXT_TAGLM_WL_Refresh_skydrive_packup_042008

[Non-text portions of this message have been removed]

2577. Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-05 09:12:27 UTC
From: Uffe Lindhardt
Topic: 1404 Message: 2577

Here it is Kees, electric band switching for 4m. Not a a straight-forward modification though.

http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
>
> Nice one Uffe, only we would like to see a more permanent solution that covers 4 & 6 meters :-) I mean to give up 50MHz, no way :-)Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp
>
>
> To: acom-list@...: pa5dd@...: Sun, 9 Mar 2008 08:00:43 +0000Subject: [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz
>
>
>
>
> Finally got around to try this out. Here are my findings:http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm73 Uffe PA5DD--- In acom-list@yahoogroups.com, "John Lemay" <john@> wrote:>> Hi all> > Has anyone tried the Acom 1000 above 6m ? I'm wondering if it could be> persuaded to work on 4m ? I guess the tuning network will run out ofC or L,> and the low pass filter will not permit 4m, but I just thought I'd ask.> Perhaps the Acom 1006 ?> > I also wonder if there are any plans for a 2m Acom amp ?> > John G4ZTR>
>
>
>
>
>
>
> _____
> Connect and share in new ways with Windows Live.
>
http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008
>
> [Non-text portions of this message have been removed]
>

2578. RE: [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-05 09:16:34 UTC
From: Kees - pa7two
Topic: 1404 Message: 2578

Nice job Uffe!!

Vy 73, de Kees

Member of an all HAM family

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.com
From: pa5dd@...
Date: Sat, 5 Apr 2008 09:12:27 +0000
Subject: [acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz

Here it is Kees, electric band switching for 4m. Not a a

straight-forward modification though.

http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:

>

> Nice one Uffe, only we would like to see a more permanent solution

that covers 4 & 6 meters :-) I mean to give up 50MHz, no way :-)Vy

73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO

Locator: JO22jp

>

>

> To: acom-list@...: pa5dd@...: Sun, 9 Mar 2008 08:00:43 +0000Subject:

[acom-list] Re: VHF ? - ACOM 1000 on 4m / 70 MHz

>

>

>

>

> Finally got around to try this out. Here are my

findings:http://home.hccnet.nl/uffe.noucha/log/acom1000_4m.htm73 Uffe

PA5DD--- In acom-list@yahoogroups.com, "John Lemay" <john@> wrote:>>

Hi all> > Has anyone tried the Acom 1000 above 6m ? I'm wondering if

it could be> persuaded to work on 4m ? I guess the tuning network will

run out ofC or L,> and the low pass filter will not permit 4m, but I

just thought I'd ask.> Perhaps the Acom 1006 ?> > I also wonder if

there are any plans for a 2m Acom amp ?> > John G4ZTR>

>

>

>

>

>

>

> _____

> Connect and share in new ways with Windows Live.

>

http://www.windowslive.com/share.html?ocid=TXT_TAGHM_Wave2_sharelife_012008

>

> [Non-text portions of this message have been removed]

>

_____
More immediate than e-mail? Get instant access with Windows Live Messenger.
http://www.windowslive.com/messenger/overview.html?ocid=TXT_TAGLM_WL_Refresh_instantaccess
_042008

[Non-text portions of this message have been removed]

2579. Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-06 14:22:31 UTC
From: barbiekenw
Topic: 2579 Message: 2579

My ACOM-2000 seems to have a problem.

1. My ant shows SWR 1.1 on 14.010 Mhz (MFJ-259B).
2. Amp warms up, I put it in the apply drive mode so it can tune to the antenna
3. I apply 15 watts of drive on 14.010 Mhz.
4. The autotuner works for about 7-8 seconds, and I get a message "Check VSWR, Please remove drive".
5. The display never showed SWR nor forward power in its LEDs.
6. I look to see that it is sitting in 3.95 - 4 MZH segment.
7. I repeat on other bands, and it attempts to tune, but never moves off of 3.95 - 4 Mhz segment.
8. If I touch my CW key on 14 Mhz with drive set to correct value, the amp just seems to ignore me. I think that results from the drive being so far from 3.9 Mhz.

No I do not have split enabled on the transceiver.
Any ideas?

Ken

2580. Re: [acom-list] Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-06 15:19:20 UTC
From: Hans Remeeus
Topic: 2579 Message: 2580

Hello Ken,

It look like your 2000 is in the MANUAL MODE and remains there.

You can try DEF in the SUB-MENU.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

barbiekenw schreef:
> My ACOM-2000 seems to have a problem.
>
> 1. My ant shows SWR 1.1 on 14.010 Mhz (MFJ-259B).
> 2. Amp warms up, I put it in the apply drive mode so it can tune to the
> antenna
> 3. I apply 15 watts of drive on 14.010 Mhz.
> 4. The autotuner works for about 7-8 seconds, and I get a
> message "Check VSWR, Please remove drive".
> 5. The display never showed SWR nor forward power in its LEDs.
> 6. I look to see that it is sitting in 3.95 - 4 MZH segment.
> 7. I repeat on other bands, and it attempts to tune, but never moves
> off of 3.95 - 4 Mhz segment.
> 8. If I touch my CW key on 14 Mhz with drive set to correct value, the
> amp just seems to ignore me. I think that results from the drive being
> so far from 3.9 Mhz.
>
> No I do not have split enabled on the transceiver.
> Any ideas?
>
> Ken
>

2581. Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-06 15:59:02 UTC
From: Ken
Topic: 2579 Message: 2581

It is in the autotune mode - asm indicated by the display.

If I manually change bands with the UP/DOWN arrows then push ENT, everything tunes and looks normal.

But when I change bands with the exciter, and hit a pulse, the amp does not follow. I have to manually move it to the new band.

Is there some command somewhere that puts the amp into a condition of not making band changes with the exciter?

Ken

[Non-text portions of this message have been removed]

2582. Re: [acom-list] expected values

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 00:19:29 UTC
From: trevor dunne
Topic: 2579 Message: 2582

Hi all

I am a new member and a new user bought a acom 1000 a
few weeks back, and what I am after is the typical
values of the amp like the voltages and currents both
in stand by and on transmit.

this is my first amp and I am afraid of damaging the
valve incase I might have it tuned incorrectly.

thanks

Trevor
EI2GLB

_____
You rock. That's why Blockbuster's offering you one month of Blockbuster Total Access, No Cost.
http://tc.deals.yahoo.com/tc/blockbuster/text5.com

2583. Re: [acom-list] expected values

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 05:18:45 UTC
From: Hans Remeeus
Topic: 2579 Message: 2583

Hello Trevor,

Congrats with your new Acom 1000!

Here you will find some of the information you have asked for:

http://www.kvindesland.no/yl2qm/tubes/gu74b.htm

http://www.nd2x.net/gu74b.html

http://i5uxj-2.cln.it/amp/valvole/gu74b.html

http://www.df6na.de/df6na/gu74b.htm

The values on transmit are depending on the adjusted output power.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

trevor dunne schreef:
> Hi all
>
> I am a new member and a new user bought a acom 1000 a
> few weeks back, and what I am after is the typical
> values of the amp like the voltages and currents both
> in stand by and on transmit.
>
> this is my first amp and I am afraid of damaging the
> valve incase I might have it tuned incorrectly.
>
> thanks
>
> Trevor
> EI2GLB
>
>

2584. RE: [acom-list] expected values

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 06:13:38 UTC
From: John Lemay
Topic: 2579 Message: 2584

Good morning all

Trevor asked a good question. The Acom amp provides a means of monitoring all kind of parameters, such as exhaust temperature (just one example), but I see nothing in the manual about what the limits are, in other words how do I know if it is almost getting too hot?

No schematics with my amplifier either - is this normal ?

Regards

John G4ZTR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: 07 April 2008 06:19
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] expected values

Hello Trevor,

Congrats with your new Acom 1000!

Here you will find some of the information you have asked for:

http://www.kvindesl <http://www.kvindesland.no/yl2qm/tubes/gu74b.htm> and.no/yl2qm/tubes/gu74b.htm

http://www.nd2x. <http://www.nd2x.net/gu74b.html> net/gu74b.html

http://i5uxj- <http://i5uxj-2.cln.it/amp/valvole/gu74b.html> 2.cln.it/amp/valvole/gu74b.html

http://www.df6na. <http://www.df6na.de/df6na/gu74b.htm> de/df6na/gu74b.htm

The values on transmit are depending on the adjusted output power.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus. <http://www.remeeus.eu> eu
Communication is about people, the rest is technology.

trevor dunne schreef:
> Hi all
>

> I am a new member and a new user bought a acom 1000 a
> few weeks back, and what I am after is the typical
> values of the amp like the voltages and currents both
> in stand by and on transmit.
>
> this is my first amp and I am afraid of damaging the
> valve incase I might have it tuned incorrectly.
>
> thanks
>
> Trevor
> EI2GLB
>
>

_____ Information from ESET NOD32 Antivirus, version of virus signature database 3005 (20080406) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2585. Re: [acom-list] expected values

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 07:07:13 UTC
From: Hans Remeeus
Topic: 2579 Message: 2585

Hello John,

I have the Technical Supplement with Schematics and PCB's for you.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

John Lemay schreef:
> Good morning all
>
>
>
> Trevor asked a good question. The Acom amp provides a means of monitoring
> all kind of parameters, such as exhaust temperature (just one example), but
> I see nothing in the manual about what the limits are, in other words how do
> I know if it is almost getting too hot?
>
>
>
> No schematics with my amplifier either - is this normal ?
>
>
>
> Regards
>
>
>
> John G4ZTR
>
>
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Hans Remeeus
> Sent: 07 April 2008 06:19
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] expected values
>
>
>
>

> Hello Trevor,
>
> Congrats with your new Acom 1000!
>
> Here you will find some of the information you have asked for:
>
> http://www.kvindesl <http://www.kvindesland.no/yl2qm/tubes/gu74b.htm>
> and.no/yl2qm/tubes/gu74b.htm
>
> http://www.nd2x. <http://www.nd2x.net/gu74b.html> net/gu74b.html
>
> http://i5uxj- <http://i5uxj-2.cln.it/amp/valvole/gu74b.html>
> 2.cln.it/amp/valvole/gu74b.html
>
> http://www.df6na. <http://www.df6na.de/df6na/gu74b.htm> de/df6na/gu74b.htm
>
> The values on transmit are depending on the adjusted output power.
>

2586. Re: expected values

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 15:16:54 UTC
From: pe1czg
Topic: 2579 Message: 2586

One of the nice features which makes this AMP so easy to tune and load and operation is a breeze, is the fact that when the typical values for the GU74B are exceeds, the AMP protect itselfs: above 600mA anode current you will get a warning first and after that it shut's down, when grid current exceeds, it shut down. Same applies for drive, VSWR, temperature etc. etc.
I did operate once with full output and the coax cable (connector) broke during transmission.
The AMP was immidiatly shut itself down: I was very impressed!

I'm not saying that the Acom 1000 can not be damaged but under normal circumstances it can not break so I think there is not much to be afraid of.

GL with your AMP and have fun. 73's Ger

--- In acom-list@yahoogroups.com, trevor dunne <trevor_dunne@...> wrote:
>
> Hi all
>
> I am a new member and a new user bought a acom 1000 a
> few weeks back, and what I am after is the typical
> values of the amp like the voltages and currents both
> in stand by and on transmit.
>
> this is my first amp and I am afraid of damaging the
> valve incase I might have it tuned incorrectly.
>
> thanks
>
> Trevor
> EI2GLB
>
>
>

> You rock. That's why Blockbuster's offering you one month of
Blockbuster Total Access, No Cost.
> http://tc.deals.yahoo.com/tc/blockbuster/text5.com
>

2587. Re: [acom-list] Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-07 22:47:53 UTC
From: K0DAN
Topic: 2579 Message: 2587

Sounds like the freq counter in the amp may be kaput?

You might a master reset of the amp (note, your hours used memory will be lost).

Or you could call Krassy or Will. Sometimes they can give you some troubleshooting tips and help you avert shipping the amp back to them.

Good luck

73
dan
k0dan
----- Original Message -----
From: "Ken" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 06, 2008 10:59 AM
Subject: [acom-list] Re: Not changing Bands

> It is in the autotune mode - asm indicated by the display.
>
> If I manually change bands with the UP/DOWN arrows then push ENT,
> everything tunes and looks normal.
>
> But when I change bands with the exciter, and hit a pulse, the amp does
> not follow. I have to manually move it to the new band.
>
> Is there some command somewhere that puts the amp into a condition of not
> making band changes with the exciter?
>
> Ken
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

2588. Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-08 17:30:56 UTC
From: Ken
Topic: 2579 Message: 2588

Great suggestion, and one that I have not done!

I will try the master reset, and let you know.
I have the amp ready to ship back, but I will take it out of the box and try that. I sure hope that works!

Ken K5WK

[Non-text portions of this message have been removed]

2589. Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-08 19:00:37 UTC
From: Ken
Topic: 2579 Message: 2589

Dan,
I would say you saved me $80 shipping! The computer had not been reset in 3 years of use.
I did the ESC-ROCKER SWITCH reset. The amp is now tracking OK.
The problem was intermittent, so I will let everyone know if it returns.

Ken K5WK

[Non-text portions of this message have been removed]

2590. Re: [acom-list] Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-08 19:18:45 UTC
From: marcelo@alternex.com.br
Topic: 2579 Message: 2590

So now comes the big question...

How do you perform this Master Reset? I can't find it in the manual

Marcelo, PY1KN

> Dan,
> I would say you saved me $80 shipping! The computer had not been reset in 3 years of
> use.
> I did the ESC-ROCKER SWITCH reset. The amp is now tracking OK.
> The problem was intermittent, so I will let everyone know if it returns.
>
> Ken K5WK
>
> [Non-text portions of this message have been removed]
>
>

2591. TO THE OWNERS OF LINEARS USING THE GU74B/4CX800A CERAMIC TUBES

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-08 20:18:29 UTC
From: JOEL
Topic: 2591 Message: 2591

As promised in my previous postings, I finally have the opportunity to tell you about a distributor that will sell the Acom GU74B tube in quanity. I had requested sometime ago on this Acom list an indication of whom would be interested in purchasing these tubes and to please e mail me your sincere interest. So far, I have received indications that 81 plus tubes are requested. I will be responding directly to each e mail that had requested purchasing the tube(s). When you receive my email, it is up to you to contact the distributor DIRECTLY and make financial arrangement with them. Please keep this purchasing infomation to yourself as the GU74B tube is limited and just the e mails received for now with have their order filled from present stock. When more tubes past what is in inventory is required there is no guarantee of pricing. All emails received by me will be fowarded to distributor handling your transaction. Remember, you have to contact them directly.

To be fair and fully understand what is being sold , I am listing below the specifications for the GU74B tube. This will include all the infomation about the tube, prices, etc., etc....

-The Russian GU74B have been tested by a tube tester designed just for this tube. Tests consists of varying G1 volts under a constant G2 and plate volts. This according to the distributor allows the tube to be tested in dynamic conditions for four steps of G1 volts. The four steps of plate current resulting will be logged against the tube number and matched pairs.

-Cost of each GU74B is $200.and MATCHED PAIRS at $450. All tubes are tested and a certificate of compliance comes with each tube. The tubes are not tested in an amplifier but for an additional $25 tube,this will be done upon request.

-Cost of shipping with insurance will be just about $60. Two tubes or up to six tubes can have a weight of approx 2 lbs.

-There is a warranty on each tube for oneyear. Bad tubes must be returned to the sender for replacement. The buyer pays for shipping back to the company and the company will return the replacement tube at no charge.

-The distributor will take credit cards as he will discuss this with you upon contacting him.

-The year of manufacture of the GU74B is 1987 or 1988. Accordingly, these were the "good years" and no new tube is being manufactured today. If tubes were made today, I have been informed that the price will jump up three fold plus.

If you e mailed me with a previous request, by next week you will receive an e mail with instructions on purchasing the GU74B Acom tube. If you want to get on the tube list for the above, send an e mail requesting same to K2QBV@...

Joel Kornreich, K2QBV
April 8, 2008

[Non-text portions of this message have been removed]

2592. RE: [acom-list] TO THE OWNERS OF LINEARS USING THE GU74B/4CX800A CERAMIC TUBES

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-08 20:40:49 UTC
From: Howard Klein
Topic: 2591 Message: 2592

Hi Joel,
I'd be interested in a matched pair of tubes.
Howard..K2HK ex WB2EPG, KY2Q
[Non-text portions of this message have been removed]

2593. Re: [acom-list] Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-09 00:15:15 UTC
From: K0DAN
Topic: 2579 Message: 2593

WOW! Cool! 90% of the time my "great ideas" don't pan out to be so great!
Hope this is the exception to the rule!

73
Dan
K0DAN

----- Original Message -----
From: "Ken" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, April 08, 2008 2:00 PM
Subject: [acom-list] Re: Not changing Bands

> Dan,
> I would say you saved me $80 shipping! The computer had not been reset in
> 3 years of use.
> I did the ESC-ROCKER SWITCH reset. The amp is now tracking OK.
> The problem was intermittent, so I will let everyone know if it returns.
>
> Ken K5WK
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

2594. Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-09 15:06:37 UTC
From: barbiekenw
Topic: 2579 Message: 2594

Too much optimism. Today it is not tracking again.

I guess its time for that fateful UPS ride to Massachusetts.
BTW, the master reset of the computer is on page 23 paragraph 5-7.

Ken K5WK

--- In acom-list@yahoogroups.com, "K0DAN" <k0dan@...> wrote:
>
> WOW! Cool! 90% of the time my "great ideas" don't pan out to be so
great!
> Hope this is the exception to the rule!
>
> 73
> Dan
> K0DAN
>
> ----- Original Message -----
> From: "Ken" <barbiekenw@...>
> To: <acom-list@yahoogroups.com>
> Sent: Tuesday, April 08, 2008 2:00 PM
> Subject: [acom-list] Re: Not changing Bands
>
>
> > Dan,
> > I would say you saved me $80 shipping! The computer had not been
reset in
> > 3 years of use.
> > I did the ESC-ROCKER SWITCH reset. The amp is now tracking OK.
> > The problem was intermittent, so I will let everyone know if it
returns.
> >
> > Ken K5WK
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>

2595. Re: [acom-list] Re: Not changing Bands

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-09 16:03:59 UTC
From: K0DAN
Topic: 2579 Message: 2595

Damn! Story of my life! Sorry the easy fix didn't work.

Good luck...

73
dan

----- Original Message -----
From: "barbiekenw" <barbiekenw@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, April 09, 2008 10:06 AM
Subject: [acom-list] Re: Not changing Bands

> Too much optimism. Today it is not tracking again.
>
> I guess its time for that fateful UPS ride to Massachusetts.
> BTW, the master reset of the computer is on page 23 paragraph 5-7.
>
> Ken K5WK
>
>
>
> --- In acom-list@yahoogroups.com, "K0DAN" <k0dan@...> wrote:
>>
>> WOW! Cool! 90% of the time my "great ideas" don't pan out to be so
> great!
>> Hope this is the exception to the rule!
>>
>> 73
>> Dan
>> K0DAN
>>
>> ----- Original Message -----
>> From: "Ken" <barbiekenw@...>
>> To: <acom-list@yahoogroups.com>
>> Sent: Tuesday, April 08, 2008 2:00 PM
>> Subject: [acom-list] Re: Not changing Bands
>>
>>
>> > Dan,
>> > I would say you saved me $80 shipping! The computer had not been
> reset in
>> > 3 years of use.
>> > I did the ESC-ROCKER SWITCH reset. The amp is now tracking OK.
>> > The problem was intermittent, so I will let everyone know if it
> returns.

>> >
>> > Ken K5WK
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> > ------------------------------------
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>> > Yahoo! Groups Links
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> ------------------------------------
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> Yahoo! Groups Links
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>

2596. Re: [acom-list] Gain too low/blown fuses

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-09 16:13:10 UTC
From: LA7SL Nils P. Pedersen
Topic: 2575 Message: 2596

Thanks to everybody that came back on this subject ! Nothing is found here
that can
explain the blown fuse (apart from a possible tube failure). No burn marks
and no faulty
insulation or suspect capacitors. New tubes are on their way. They were, by
the way, not so
easy to find. At least not at a reasonable price or quality....
Peter

----- Original Message -----
From: "Kees - pa7two" <pa7two@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, April 04, 2008 10:07 PM
Subject: RE: [acom-list] Gain too low/blown fuses

Blow fuse is due to an ARC.Vy 73, de Kees Member of an all HAM
familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

To: acom-list@yahoogroups.comFrom: halken@...: Fri, 4 Apr 2008
20:04:22 +0000Subject: [acom-list] Gain too low/blown fuses

Hi Bob, sounds like a bad tube to me :-)In all seriousness, gain too low is
typically a bad tube, and having thefault intermittently is very consistent
with a failed grid. However, Ihave never encountered blown mains fuses
before, so I'm not sure what tomake of that. A hard short of a control grid
to either the cathode or the screen gridof either tube will remove all grid
bias, and at that point the tubesboth go to full conduction and essentially
short the plate supply, evenif you are in standby. I suspect that will blow
the mains fuses, sincethe protection circuits simply put you in standby and
none of themremove the anode voltage - its always on the tubes. I'm guessing
thisparticular failure will reveal itself just by putting an ohm meter onthe
tubes.Grid troubles in these tubes can cause some very odd behaviors.
Myfirst-ever failed tube produced the following symptoms: The amp
rannormally in every respect except while it used to auto-tune up to a
3:1SWR, after a while it would only auto-tune up to about 2:1. Beyondthat,
auto-tune would yield an "SWR too high" error message, even thoughthe SWR
was only 2:1 and the amp continued to run great into 2:1 - itjust would not
auto-tune anymore. As months went by it got worse andworse, until the amp
would not auto-tune even into a dummy load - butyou could manual tune it and
it ran great, including normal gain, fulloutput, and good matching between
the tube temperatures. Turned out tobe a bad tube. I have no idea what was
wrong with that tube, but ittaught me to suspect tubes before anything
else.73 Hal N4GG[Non-text portions of this message have been removed]

_____
Pack up or back up-use SkyDrive to transfer files or keep extra copies.

Learn how.
hthttp://www.windowslive.com/skydrive/overview.html?ocid=TXT_TAGLM_WL_Refresh_skydrive_pac
kup_042008

[Non-text portions of this message have been removed]

Yahoo! Groups Links

--
No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.5/1358 - Release Date: 03.04.2008
18:36

2597. 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-10 16:50:51 UTC
From: on4iq
Topic: 2597 Message: 2597

as far as I recall the 4CX800 tubes are identical to GU74.
They are still produced by Svetlana.
www.svetlana-tubes.com
http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with specs.
Guess not to worry about replacing the GU74's

2598. Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-10 18:03:21 UTC
From: la7sl
Topic: 2597 Message: 2598

--- In acom-list@yahoogroups.com, "on4iq" <on4iq@...> wrote:
>
> as far as I recall the 4CX800 tubes are identical to GU74.
> They are still produced by Svetlana.
> www.svetlana-tubes.com
> http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with specs.
> Guess not to worry about replacing the GU74's
>
I do not know really... It was real hard work to locate a supplier
that could sell me those tubes... Some said yes..and nothing
happened . Most of them told me it was no more produced.. Acom OOD
in Bulgaria told me they were still manufactured, but could not tell
me where to buy them. Massachusets decided to just forward my email
to Bulgaria.
I now have a nice collection of very confusing mail... Latest
development is that Mr. Vassilev of Acom OOD will contact me early
next week. Hopefully to clear up all this confusion. I do not forward
personal mail to a list, but anybody is free to contact me directly
if they are confused like I am...The website www.acom-tubes.com
is registered to a UK electronic components supplier. According to
Internic the server is located in the UK. The very same company has
an online tube shop. They do NOT sell the 4CX800A / GU74B :-)
regards
LA7SL
Peter

2599. Re: [acom-list] 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-10 18:31:16 UTC
From: JOEL
Topic: 2597 Message: 2599

TO ON4IQ......

Perhaps..... Try and buy some GU74B tubes and at what price if you do find a few. They will be produced again sometime in the far future and at a hugh price. Hope this answers your question.

I have nothing to do with the supplier other than trying to help other ACOM owners than can not locate a stable stocking supplier for the GU74B ACOM tubes.

Joel, K2QBV

----- Original Message -----
From: on4iq
To: acom-list@yahoogroups.com
Sent: Thursday, April 10, 2008 12:50 PM
Subject: [acom-list] 4CX800

as far as I recall the 4CX800 tubes are identical to GU74.
They are still produced by Svetlana.
www.svetlana-tubes.com
http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with specs.
Guess not to worry about replacing the GU74's

[Non-text portions of this message have been removed]

2600. Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-10 19:38:14 UTC
From: la7sl
Topic: 2597 Message: 2600

CORRECTION :
the part:

"...The website www.acom-tubes.com
is registered to a UK electronic components supplier"

should read:

"...The website www.svetlana-tubes.com
is registered to a UK electronic components supplier"
****
73 de LA7SL Peter

--- In acom-list@yahoogroups.com, "la7sl" <la7sl@...> wrote:
>
> --- In acom-list@yahoogroups.com, "on4iq" <on4iq@> wrote:
> >
> > as far as I recall the 4CX800 tubes are identical to GU74.
> > They are still produced by Svetlana.
> > www.svetlana-tubes.com
> > http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with
specs.
> > Guess not to worry about replacing the GU74's
> >
> I do not know really... It was real hard work to locate a
supplier
> that could sell me those tubes... Some said yes..and nothing
> happened . Most of them told me it was no more produced.. Acom OOD
> in Bulgaria told me they were still manufactured, but could not
tell
> me where to buy them. Massachusets decided to just forward my email
> to Bulgaria.
> I now have a nice collection of very confusing mail... Latest
> development is that Mr. Vassilev of Acom OOD will contact me early
> next week. Hopefully to clear up all this confusion. I do not
forward
> personal mail to a list, but anybody is free to contact me directly
> if they are confused like I am...The website www.acom-tubes.com
> is registered to a UK electronic components supplier. According to
> Internic the server is located in the UK. The very same company has
> an online tube shop. They do NOT sell the 4CX800A / GU74B :-)
> regards
> LA7SL
> Peter
>

2601. Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-12 08:15:31 UTC
From: on4iq
Topic: 2597 Message: 2601

Joel

I recently bought GU74's for 80 euros a piece for the acom2000 amp,
from a former east german station.

But once again the 4CX800 are still in svetlana's catalog so it was
not a question but a simple statement.

I suggest people conteact svetlana to see wether the tubes are in
production or not.

ps severlar russian station offer the GU74 in small quantities,
thought the reliability is not assured.
73

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
>
> TO ON4IQ......
>
> Perhaps..... Try and buy some GU74B tubes and at what price if
you do find a few. They will be produced again sometime in the far
future and at a hugh price. Hope this answers your question.
>
> I have nothing to do with the supplier other than trying to help
other ACOM owners than can not locate a stable stocking supplier for
the GU74B ACOM tubes.
>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: on4iq
> To: acom-list@yahoogroups.com
> Sent: Thursday, April 10, 2008 12:50 PM
> Subject: [acom-list] 4CX800
>
>
> as far as I recall the 4CX800 tubes are identical to GU74.
> They are still produced by Svetlana.
> www.svetlana-tubes.com
> http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with
specs.
> Guess not to worry about replacing the GU74's
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

2602. Re: [acom-list] Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-12 18:53:36 UTC
From: LA7SL Nils P. Pedersen
Topic: 2597 Message: 2602

I have tried to contact Svetlana both via the email adress at the site
www.svetlana-tubes.com
(info@...) and directly via svetlana@... . The latter adress is the
one given as direct mail to svetlana jsc in St. Petersburg. I asked two simple queations :
1. Where can I as an individual purchase new 4CX800A / GU74B ?
2. Is the 4CX800A / GU74B currently in production or has it been lately ?

Anwers ? Not ANY response at all !!
And what Svetlana catalog are you taking about ??

LA7SL
Peter
----- Original Message -----
From: on4iq
To: acom-list@yahoogroups.com
Sent: Saturday, April 12, 2008 10:15 AM
Subject: [acom-list] Re: 4CX800

Joel

I recently bought GU74's for 80 euros a piece for the acom2000 amp,
from a former east german station.

But once again the 4CX800 are still in svetlana's catalog so it was
not a question but a simple statement.

I suggest people conteact svetlana to see wether the tubes are in
production or not.

ps severlar russian station offer the GU74 in small quantities,
thought the reliability is not assured.
73

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
>
> TO ON4IQ......
>
> Perhaps..... Try and buy some GU74B tubes and at what price if
you do find a few. They will be produced again sometime in the far
future and at a hugh price. Hope this answers your question.
>
> I have nothing to do with the supplier other than trying to help
other ACOM owners than can not locate a stable stocking supplier for
the GU74B ACOM tubes.
>
> Joel, K2QBV

>
>
> ----- Original Message -----
> From: on4iq
> To: acom-list@yahoogroups.com
> Sent: Thursday, April 10, 2008 12:50 PM
> Subject: [acom-list] 4CX800
>
>
> as far as I recall the 4CX800 tubes are identical to GU74.
> They are still produced by Svetlana.
> www.svetlana-tubes.com
> http://www.svetlana-tubes.com/pdf/4cx800a.pdf is the pdf with
specs.
> Guess not to worry about replacing the GU74's
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.12/1374 - Release Date: 11.04.2008 16:59

[Non-text portions of this message have been removed]

2603. Re: [acom-list] Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-12 19:14:58 UTC
From: Paul M Dunphy
Topic: 2597 Message: 2603

At 03:53 PM 4/12/2008, you wrote:
>I have tried to contact Svetlana both via the email adress at the
>site www.svetlana-tubes.com
>(info@...) and directly via svetlana@...
>. The latter adress is the
>one given as direct mail to svetlana jsc in St. Petersburg. I asked
>two simple queations :
>1. Where can I as an individual purchase new 4CX800A / GU74B ?
>2. Is the 4CX800A / GU74B currently in production or has it been lately ?
>
>Anwers ? Not ANY response at all !!
>And what Svetlana catalog are you taking about ??
>
>LA7SL
>Peter

We all were through this several months ago, and came to the same conclusion. Svetlana 4CX800As are NOT available anymore. No one can contact Svetlana and get an answer. Some claim they have a catalog, or can get 4CX800As. I have seen no evidence of this in the past year. I had two Svetlana 4CX800As that I got from RF Parts last year that I sold about 6 weeks ago. RF Parts no longer has any in stock and can't say when/if they will get any, or how expensive they will be if they ever do.

As far as I can tell, the ONLY source of spare tubes for ACOM amplifiers are NOS GU-74bs from the former Soviet Union. GU-74bs we never made for amateur or commercial use. They are a rugged tube, both from a physical and electrical standpoint. They were made for use in Soviet Union military equipment. Any that are available are at least NOS 15+ years old. NOS, as in New Old Stock. It is my assumption that Svetlana made the 4CX800A as a commercial/amateur alternative to the surplus GU-74bs. I further am guessing that with the glut of $100 NOS GU-74bs floating around for 10 years, Svetlana were finding it hard to sell 4CX800As at $300-$400 and ceased production. I can't prove this, but it seems to be the case.

Now that NOS GU-74bs are getting harder to find and more expensive, we may see Svetlana or someone else start making a 4CX800A again.

Please understand that the 4CX800A and the GU-74b are not the same tube and were not made in the same factories. One is a commercial/amateur product and the other is a rugged military tube. They are electrically compatible and can be interchanged in our amplifiers. Which is better? I don't know. A NEW GU-74b would be tougher. You can't get a NEW GU-74b. A NEW 4CX800A would be far

less likely to suffer from leakage, etc than a NOS GU-74b that's been sitting around for 20 years. The dilemma is; where do you get either one? No one seems to be able to consistently answer this question.

73, Paul VE1DX

2604. Fw: VE1DX & [acom-list] Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-12 19:32:27 UTC
From: JOEL
Topic: 2604 Message: 2604

Just mailed the GU74B list overseas to fill orders. I do not know if you're on the list to receive a tube(s). In any event this is the FIRST source I knew of. Another one is to follow but I'm sure you want the tubes tested and guaranteed. With such a good warranty from Acom I'm sure you want need another tube for a while.

Unless you plan to purchase a lot of GU74B tubes manufactures will ignore your request as per what's was touched in this e mail by LA7SL.

Joel, K2QBV

----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogroups.com
Sent: Saturday, April 12, 2008 3:14 PM
Subject: Re: [acom-list] Re: 4CX800

At 03:53 PM 4/12/2008, you wrote:
>I have tried to contact Svetlana both via the email adress at the
>site www.svetlana-tubes.com
>(info@...) and directly via svetlana@...
>. The latter adress is the
>one given as direct mail to svetlana jsc in St. Petersburg. I asked
>two simple queations :
>1. Where can I as an individual purchase new 4CX800A / GU74B ?
>2. Is the 4CX800A / GU74B currently in production or has it been lately ?
>
>Anwers ? Not ANY response at all !!
>And what Svetlana catalog are you taking about ??
>
>LA7SL
>Peter

We all were through this several months ago, and came to the same conclusion. Svetlana 4CX800As are NOT available anymore. No one can contact Svetlana and get an answer. Some claim they have a catalog, or can get 4CX800As. I have seen no evidence of this in the past year. I had two Svetlana 4CX800As that I got from RF Parts last year that I sold about 6 weeks ago. RF Parts no longer has any in stock and can't say when/if they will get any, or how expensive they will be if they ever do.

As far as I can tell, the ONLY source of spare tubes for ACOM amplifiers are NOS GU-74bs from the former Soviet Union. GU-74bs we never made for amateur or commercial use. They are a rugged tube, both from a physical and electrical standpoint. They were made for use in Soviet Union military equipment. Any that are available are

at least NOS 15+ years old. NOS, as in New Old Stock. It is my assumption that Svetlana made the 4CX800A as a commercial/amateur alternative to the surplus GU-74bs. I further am guessing that with the glut of $100 NOS GU-74bs floating around for 10 years, Svetlana were finding it hard to sell 4CX800As at $300-$400 and ceased production. I can't prove this, but it seems to be the case.

Now that NOS GU-74bs are getting harder to find and more expensive, we may see Svetlana or someone else start making a 4CX800A again.

Please understand that the 4CX800A and the GU-74b are not the same tube and were not made in the same factories. One is a commercial/amateur product and the other is a rugged military tube. They are electrically compatible and can be interchanged in our amplifiers. Which is better? I don't know. A NEW GU-74b would be tougher. You can't get a NEW GU-74b. A NEW 4CX800A would be far less likely to suffer from leakage, etc than a NOS GU-74b that's been sitting around for 20 years. The dilemma is; where do you get either one? No one seems to be able to consistently answer this question.

73, Paul VE1DX

[Non-text portions of this message have been removed]

2605. Re: [acom-list] Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-12 23:12:33 UTC
From: DJ3IW Götz
Topic: 2597 Message: 2605

Hi,

in 2003, just before a visit to St.Petersburg I asked Svetlana
if they sell small quantities of the 4CX800 locally.
There answer was
"no, they do not presently produce 4CX800s and do not sell any locally
BUT IF I WOULD PLACE AN ORDER FOR AT LEAST 1000 (or so) TUBES
they would lay on a production run".

73 de Goetz DJ3IW
----- Original Message -----
From: "Paul M Dunphy" <amplifier@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, April 12, 2008 7:14 PM
Subject: Re: [acom-list] Re: 4CX800

> At 03:53 PM 4/12/2008, you wrote:
>>I have tried to contact Svetlana both via the email adress at the
>>site www.svetlana-tubes.com
>>(info@...) and directly via svetlana@...
>>. The latter adress is the
>>one given as direct mail to svetlana jsc in St. Petersburg. I asked
>>two simple queations :
>>1. Where can I as an individual purchase new 4CX800A / GU74B ?
>>2. Is the 4CX800A / GU74B currently in production or has it been lately ?
>>
>>Anwers ? Not ANY response at all !!
>>And what Svetlana catalog are you taking about ??
>>
>>LA7SL
>>Peter
>
> We all were through this several months ago, and came to the
> same conclusion. Svetlana 4CX800As are NOT available anymore. No
> one can contact Svetlana and get an answer. Some claim they have a
> catalog, or can get 4CX800As. I have seen no evidence of this in the
> past year. I had two Svetlana 4CX800As that I got from RF Parts last
> year that I sold about 6 weeks ago. RF Parts no longer has any in
> stock and can't say when/if they will get any, or how expensive they
> will be if they ever do.
>
> As far as I can tell, the ONLY source of spare tubes for ACOM
> amplifiers are NOS GU-74bs from the former Soviet Union. GU-74bs we
> never made for amateur or commercial use. They are a rugged tube,
> both from a physical and electrical standpoint. They were made for
> use in Soviet Union military equipment. Any that are available are

> at least NOS 15+ years old. NOS, as in New Old Stock. It is my
> assumption that Svetlana made the 4CX800A as a commercial/amateur
> alternative to the surplus GU-74bs. I further am guessing that with
> the glut of $100 NOS GU-74bs floating around for 10 years, Svetlana
> were finding it hard to sell 4CX800As at $300-$400 and ceased
> production. I can't prove this, but it seems to be the case.
>
> Now that NOS GU-74bs are getting harder to find and more
> expensive, we may see Svetlana or someone else start making a 4CX800A
> again.
>
> Please understand that the 4CX800A and the GU-74b are not the
> same tube and were not made in the same factories. One is a
> commercial/amateur product and the other is a rugged military
> tube. They are electrically compatible and can be interchanged in
> our amplifiers. Which is better? I don't know. A NEW GU-74b would
> be tougher. You can't get a NEW GU-74b. A NEW 4CX800A would be far
> less likely to suffer from leakage, etc than a NOS GU-74b that's been
> sitting around for 20 years. The dilemma is; where do you get either
> one? No one seems to be able to consistently answer this question.
>
> 73, Paul VE1DX
>

2606. RE: [acom-list] Re: 4CX800

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-13 12:42:19 UTC
From: Gerry Hull
Topic: 2597 Message: 2606

I've been watching thread for some time...

I have a couple of simple questions:

1. Acom continues to sell amplifiers that use these tubes. Where are they getting them from? If they are so rare/unreliable, you'd think they would switch the design to a different tube.
2. If Acom has tubes, why don't you buy from them?

73, Gerry W1VE

[Non-text portions of this message have been removed]

2607. Re: [acom-list] Re: RESPONSE TO THE GU74B QUESTION

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-13 13:46:16 UTC
From: JOEL
Topic: 2607 Message: 2607

Hello Gerry Hull,

I am sure Acom purchased a lot of GU74B tubes when they could buy quanity and they were indeed tested. Today however, the tubes are rare according to many reports duds have been purchased by many people as you've seen on this reflector.

Regarding your question of being "unreliable". I don't think people have seen this occur ONCE the tube was completely tested. Many duds were tossed away that made a reappearance from a junk pile in Europe.

The second question you asked was why one doesn't purchase the GU74B from Acom. First of all, I personally have my spare tubes tucked away and my Acom 2000 only has 349 hours on the read out. People have tried to purchase from Acom and they stated they are not in ther tube business and can not help them out. Listening to the owners of the Acom amps, it appears they are getting 6,000+ hours unless they "open it up" all the way. I am sure the tubes Acom has are being kept for new amps and warrany replacements as the amps are selling real fast. What's really out there? An amplifier company that can't make more than one or two model 9500 amps a month or a company located 10,000 away down under. We all know what's really going to happen. When the NOS tubes are gone, the manufacturer will make them again and sell these at $400 PLUS. Amplifiers are out there and cost a lot of money and will in the future indeed need a tube or two.

I hope the above answers your questions. Personally I am not buying the GU74B but just trying to help sort things out as to where to purchase it.

Joel, K2QBV

----- Original Message -----
From: Gerry Hull
To: acom-list@yahoogroups.com
Sent: Sunday, April 13, 2008 8:42 AM
Subject: RE: [acom-list] Re: 4CX800

I've been watching thread for some time...

I have a couple of simple questions:

1. Acom continues to sell amplifiers that use these tubes. Where are they
getting them from? If they are so rare/unreliable, you'd think they would
switch the design to a different tube.
2. If Acom has tubes, why don't you buy from them?

73, Gerry W1VE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2608. Off topic but may be interesting to someone here !

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-14 19:51:40 UTC
From: LA7SL Nils P. Pedersen
Topic: 2608 Message: 2608

Hello !
Due to change of plans I have two unused internet domains :
http://hamsystems.com and http://hamradiosystems.com

They are currently forwarded to http://la8w.com (our club site)
They are registered to me personally. They are currently not hosted.
Registrar is godaddy.com . They have both been registered to me more than a year
and can be transferred to any interested party.
email me direct off list please. This is no list topic :-)
Sorry for the off topic !
Peter LA7SL

[Non-text portions of this message have been removed]

2609. FAILED HEATER VOLTAGE

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-16 15:49:19 UTC
From: sam_w4pk
Topic: 2609 Message: 2609

I get a message on my 2000A control panel saying "HEATER VOLTAGE TOO LOW : 0.00V". I suspect that the failure is in the monitoring circuitry somewhere rather than an actual heater failure. Before I tear into the amplifier, has anybody ever encountered this message? Is it in fact a true failure of the source of the heater voltage, or is it an A/D problem? What makes me suspicious is the 0.00V reading.

73, Sam W4PK

2610. Re: [acom-list] FAILED HEATER VOLTAGE

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-16 15:57:54 UTC
From: Dennis Vernacchia
Topic: 2609 Message: 2610

Sam,

Could it be that you have an early amp (first 2 years I believe) that has
the
filament connectors that can ultimately heat and burn and maybe your
filament voltage is just low
and amp is somehow reporting 0.0 instead of the actual low voltage ???
(You could have 2 problems !)
You could at least pop the to cover
and operate the amp with High Voltage precautions and make a filament
voltage "confirmation" measurement. Please contact ACOM to confirm what the
High Voltage precautions are before getting into the amp !!!!

73, Dennis N6KI

On Wed, Apr 16, 2008 at 8:49 AM, sam_w4pk <w4pk@...> wrote:

> I get a message on my 2000A control panel saying "HEATER VOLTAGE TOO
> LOW : 0.00V". I suspect that the failure is in the monitoring
> circuitry somewhere rather than an actual heater failure. Before I
> tear into the amplifier, has anybody ever encountered this message? Is
> it in fact a true failure of the source of the heater voltage, or is it
> an A/D problem? What makes me suspicious is the 0.00V reading.
>
> 73, Sam W4PK
>
>
>

[Non-text portions of this message have been removed]

2611. Heater Voltage Too low

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-16 18:08:54 UTC
From: Hal Kennedy
Topic: 2611 Message: 2611

Acom amp reflectorIf its an early S/N you probably have burned filament connectors - a common problem. There are three connectors in the filament lines if I remember right - although its been a long time and it could be only two. There is a connector at the power supply board, and a connector inside the RF deck you can get to by pulling off the bottom plate. Inspect these carefully. Some folks have just jumped the connectors out - and if you have the one inside the RF deck burned I would jump that one out for sure - you literally have to disassemble the whole amp to get at it and replace it. The one on the power supply board is easy to replace. ACOM changed to a properly rated part after a year or two of production.

73 Hal N4GG

[Non-text portions of this message have been removed]

2612. Re: [acom-list] FAILED HEATER VOLTAGE

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-16 19:18:18 UTC
From: Bill NY9H
Topic: 2609 Message: 2612

can you read the measurements on the remote ? and is it on both tubes >???

ANY heat coming out of the top of one or both stacks ???

bill

At 10:57 AM 4/16/2008, you wrote:
>Sam,
>
>Could it be that you have an early amp (first 2 years I believe) that has
>the
>filament connectors that can ultimately heat and burn and maybe your
>filament voltage is just low
>and amp is somehow reporting 0.0 instead of the actual low voltage ???
>(You could have 2 problems !)
> You could at least pop the to cover
>and operate the amp with High Voltage precautions and make a filament
>voltage "confirmation" measurement. Please contact ACOM to confirm what the
>High Voltage precautions are before getting into the amp !!!!
>
>73, Dennis N6KI
>
>On Wed, Apr 16, 2008 at 8:49 AM, sam_w4pk <w4pk@...> wrote:
>
> > I get a message on my 2000A control panel saying "HEATER VOLTAGE TOO
> > LOW : 0.00V". I suspect that the failure is in the monitoring
> > circuitry somewhere rather than an actual heater failure. Before I
> > tear into the amplifier, has anybody ever encountered this message? Is
> > it in fact a true failure of the source of the heater voltage, or is it
> > an A/D problem? What makes me suspicious is the 0.00V reading.
> >
> > 73, Sam W4PK
> >
> >
> >
>
>
>[Non-text portions of this message have been removed]
>
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>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2613. GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 15:46:52 UTC
From: mgh.friedrich
Topic: 2613 Message: 2613

What does the akronym NOS for GU74B tubes mean ?

2614. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 16:00:26 UTC
From: Bill NY9H
Topic: 2613 Message: 2614

New Old Stock,,,,,

At 10:46 AM 4/17/2008, you wrote:
>What does the akronym NOS for GU74B tubes mean ?
>
>
>---
>
>Yahoo! Groups Links
>
>
>

2615. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 16:01:01 UTC
From: JOEL
Topic: 2613 Message: 2615

NOS means NEW OLD SURPLUS.

Joel, K2QBV

----- Original Message -----
From: mgh.friedrich
To: acom-list@yahoogroups.com
Sent: Thursday, April 17, 2008 11:46 AM
Subject: [acom-list] GU74B NOS

What does the akronym NOS for GU74B tubes mean ?

[Non-text portions of this message have been removed]

2616. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 15:57:06 UTC
From: Gerard Jendraszkiewicz
Topic: 2613 Message: 2616

mgh.friedrich wrote:
>
> What does the akronym NOS for GU74B tubes mean ?
>
>
New Old Stock

73, Jerry, KE9I

2617. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 17:29:49 UTC
From: Paul M Dunphy
Topic: 2613 Message: 2617

At 12:46 PM 4/17/2008, you wrote:
>What does the akronym NOS for GU74B tubes mean ?

A number of others have already answered. I will expand a bit. It does indeed stand for "New Old Stock", which sound like a contradiction. It means that it is New as in never used, but Old as in it has been sitting around for a long time. GU-74bs have not been manufactured since the early 1990s, so any that you fine are likely 17-20 years old. They likely never were plugged into anything after leaving the factory, and many are in their original sealed packages. The problem is, how well do they "age" sitting on the shelf? Did they lose any of their vacuum? Did and gas leach out of the materials it is made of (there is a getter inside of tubes to absorb this gas, but the tube needs to be powered on for the getter to work.)

These are reasons why NOS tubes can be suspect and why new tubes are preferred. If a NOS tube is slowly conditioned by apply incremental levels of heater current and plate voltage over many hours, it almost certainly will be as good as a new tube. The trouble is, most of us do not have the equipment to condition a NOS tube, so we have to take a chance that it will be OK.

NOS is used to refer to anything that sat on a shelf or in a warehouse for years. It is not unique to transmitting tubes. Could very well be used with car parts or anything else.

73/DX Paul VE1DX

2618. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 17:38:33 UTC
From: John Sheeley
Topic: 2613 Message: 2618

New Old Stock !!

----- Original Message ----
From: mgh.friedrich <mgh.friedrich@...>
To: acom-list@yahoogroups.com
Sent: Thursday, April 17, 2008 10:46:52 AM
Subject: [acom-list] GU74B NOS

What does the akronym NOS for GU74B tubes mean ?

_____
Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

[Non-text portions of this message have been removed]

2619. Re: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-17 19:15:37 UTC
From: Hans Remeeus
Topic: 2613 Message: 2619

Never On Stock...??

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

John Sheeley schreef:
> New Old Stock !!
>
>

2620. RE: [acom-list] GU74B NOS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 17:39:36 UTC
From: bmarton
Topic: 2613 Message: 2620

Newbie's Overkilling Subjects.. NOS

I think this has been answered 4000 times over the past 2 months! If it is not understood, I have serious reservations on trying to change the tubes around HV (Happy Volumes of electricity).

K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of mgh.friedrich
Sent: Thursday, April 17, 2008 11:47 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] GU74B NOS

What does the akronym NOS for GU74B tubes mean ?

_____ Information from ESET NOD32 Antivirus, version of virus signature database 3038 (20080418) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2621. We are all still learning

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 18:13:47 UTC
From: Paul M Dunphy
Topic: 2621 Message: 2621

At 02:39 PM 4/18/2008, you wrote:
>Newbie's Overkilling Subjects.. NOS
>
>
>
>I think this has been answered 4000 times over the past 2 months! If it is
>not understood, I have serious reservations on trying to change the tubes
>around HV (Happy Volumes of electricity).
>
>
>
>K1XR

Not being familiar with the term, I asked the same question on another list about 18 months ago. This after being licensed over 22 years and changing tubes in an AL-1500, a TenTec Centurion, a Dentron Clipperton-L, a Drake L4B, an Ameritron 811H and most recently my ACOM-1000. Somehow I survived the high voltage, and I never heard the acronym "NOS" until about a year and a half ago. When it started getting tossed around with respect to GU-74bs, I asked what it meant. We all are still learning! :-)

73, Paul VE1DX

2622. We are all still learning / GU74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 18:20:40 UTC
From: Franki ON5ZO
Topic: 2622 Message: 2622

>We all are still learning! :-)

Indeed. This past week I received an email regarding our beloved tube:

There is so much misinformation about the GU74B, it is quite amazing.
The green strip is not there to indicate a new tube. Look carefully. It
is painted opposite the gap in the tube pins.The green stripe is simply
to orient the tube correctly when inserting it in the socket!

So far for "green means new"... I admit: I've never opened the amp or took
the tube out of its socket. I took the cover off a few months ago. If it
ain't broken...
Also, to quote my teacher Digital Electronics: "More than 12V you say? I
ain't touching that stuff!".

73 de Franki ON5ZO

2623. RE: [acom-list] We are all still learning / GU74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 19:29:01 UTC
From: N2TK
Topic: 2622 Message: 2623

Hi Frank.
My 2002 GU74B's have a black stripe. Do you think that makes them newer or older than the green stripe? :-)
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Franki ON5ZO
Sent: Friday, April 18, 2008 2:21 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] We are all still learning / GU74b

>We all are still learning! :-)

Indeed. This past week I received an email regarding our beloved tube:

There is so much misinformation about the GU74B, it is quite amazing.
The green strip is not there to indicate a new tube. Look carefully. It
is painted opposite the gap in the tube pins.The green stripe is simply
to orient the tube correctly when inserting it in the socket!

So far for "green means new"... I admit: I've never opened the amp or took the tube out of its socket. I took the cover off a few months ago. If it ain't broken...
Also, to quote my teacher Digital Electronics: "More than 12V you say? I ain't touching that stuff!".

73 de Franki ON5ZO

[Non-text portions of this message have been removed]

2624. RE: [acom-list] We are all still learning / GU74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 19:38:39 UTC
From: Bill NY9H
Topic: 2622 Message: 2624

i think it makes them darker ;)

bill

At 02:29 PM 4/18/2008, N2TK wrote:
>Hi Frank.
>My 2002 GU74B's have a black stripe. Do you think that makes them newer or
>older than the green stripe? :-)
>N2TK, Tony

2625. RE: [acom-list] We are all still learning / GU74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 19:38:39 UTC
From: Bill NY9H
Topic: 2622 Message: 2625

i think it makes them darker ;)

bill

At 02:29 PM 4/18/2008, N2TK wrote:
>Hi Frank.
>My 2002 GU74B's have a black stripe. Do you think that makes them newer or
>older than the green stripe? :-)
>N2TK, Tony

2626. RE: Heater Voltage Too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-18 21:17:10 UTC
From: sam_w4pk
Topic: 2626 Message: 2626

Thanks for all the responses! This is indeed an early unit (2000 vintage) which I had bought used from fellow PVRCer Brian K3KO several years ago. I first tried looking at the filament power connectors on the bottom board in front of the power transformer. I did it the hard way the first time by removing each board in the stack one at a time to get to the bottom one. But its connectors looked okay, so I just put contact lub on them and put it back together. Still no go.

Then I saw Hal N4GG's suggestion to check the connector in the RF deck. Sure enough, it was discolored. I removed the connector and soldered the wires directly to the board. And it worked!

But in the process of fixing this I screwed something else up. Now when I slowly apply drive I get reflected power showing on the ACOM remote meter and a msg saying to remove power. This occurs at very low power inputs, 10-20W and it trips with about 50W reflected showing on the meter. I get the same thing with AUTOTUNE. But when the amp is in the standby mode I get 1:1 SWR through the amp.

I have worked on this amp enough for a while. It is time to go hit some golf balls! When I get my act back together I will tear it all apart (for the third time) and try to troubleshoot what I had done wrong.

Again, thanks for all the suggestions!

73 Sam W4PK

2627. RE: [acom-list] We are all still learning / GU74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-19 09:46:39 UTC
From: Kees - pa7two
Topic: 2622 Message: 2627

Indeed, we are all learning every single day.

The Green colored stripe on the GU74B:

I've seen very light and very dark green colored stripes on many GU74B tubes in the past years. So, in other words, the color intensity (light or dark Green) does not tell us much BUT... if the tube is heated some some hours, this Green stripe is colored brown. If heated for a long long time the stripe gets very dark Brown / Black. Whether or not this color change was intended to take place or just to indicate the PINs > socket, well it is a handy "tool" in most cases to determine the state of the tube.
Now the bottle neck; I've seen Brown (almost Black) stripes while the tube was packaged with certificate in sealed and carton boxed, really a new tune. Tube was even shiny not dull. So, it looks like the Svetlana factory sometimes had troubles 'mixing' the correct color green.

If one would like to see some pictures of the different colored GU74Bs, contact me on my e-mail address. QRZ.com e-mail address is OK.
If one need a spare GU74B, you can contact me as well. NO matched tubes available at the moment, only single NOS tubes.

Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp
Please visite my HAM sales webpage at < http://www.2dehands.nl/winkel/ham_tubes/ >

To: acom-list@yahoogroups.comFrom: on5zo@...: Fri, 18 Apr 2008 20:20:40 +0200Subject: [acom-list] We are all still learning / GU74b

>We all are still learning! :-)Indeed. This past week I received an email regarding our beloved tube:----------There is so much misinformation about the GU74B, it is quite amazing.The green strip is not there to indicate a new tube. Look carefully. Itis painted opposite the gap in the tube pins.The green stripe is simplyto orient the tube correctly when inserting it in the socket!----------So far for "green means new"... I admit: I've never opened the amp or took the tube out of its socket. I took the cover off a few months ago. If it ain't broken...Also, to quote my teacher Digital Electronics: "More than 12V you say? I ain't touching that stuff!".73 de Franki ON5ZO

Going green? See the top 12 foods to eat organic.
http://green.msn.com/galleries/photos/photos.aspx?gid=164&ocid=T003MSN51N1653A

[Non-text portions of this message have been removed]

2628. 2000A Failed heater voltage - fixed but.....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-19 18:00:08 UTC
From: sam_w4pk
Topic: 2628 Message: 2628

After being given the hint that my problem was at the connector in the tube deck, I was able to successfuly repair this problem by soldering the filament leads directly to the interface board. This is on an amplifier of year 2ooo vintage, and the connector can be gotten to by turning the amplifier on its side and removing the access plate on the underneath of the tube deck.

But now I get a message saying to remove power when I increase my input up to just 10-20W. 50W is showing on the reflected power when it trips, even though I have the amplifier hooked up to a dummy load. When the amp is in the standby mode, the exciter shows that indeed there is the dummy load connected. Also, the exciter continues to show 1:1 when the amplifier goes into the alarm state.

All voltages and currents are normal when in the OPR state with no drive applied. When applying with what must be a couple of watts of drive or so, the amplifier does detect the drive, and the bias voltage switches from -130V to -48V. However, the tube current jumps from 0 to 0.39A! All other voltages and currents remain normal. So it appears that I may not be getting that -48V to the tubes, although apparently the -130V is present when no drive is applied as in that state it cuts off the tubes completely.

Physically, I can find no apparent loose wires in the tube deck area, and I measure high impedance on the grids to ground. Also, I rechecked the three Molex connectors in the PA deck area to confirm that they are properly installed. I am sure that whatever I did will be obvious once I find it, but for the life of me I cannot put my finger on it.

I do have a copy of the ACOM2000A Technical Supplement, but it is incomplete in that there are no schematics involving the RF circuitry and particularly how the bias control is routed and controlled.

My question to the reflector is that does anyone have a more complete diagram (RF and module interconnect) of this amplifier? Has anyone ever encountered this problem before? Any hints?

73, Sam W4PK

2629. Re: [acom-list] 2000A Failed heater voltage - fixed but.....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-19 20:10:34 UTC
From: Dennis Vernacchia
Topic: 2628 Message: 2629

I will send you a PDF file of schematics, (In a separate e-mail Sam)
if anyone else needs a copy let me know

I have had this PDF file a few years so I think it will be accurate for
your early model but can not vouch for newer (last 3 or 4 year ACOM 2000)

If this doesn't help, contact Will or Krassy at ACOM Monday)

73, Dennis N6KI

On Sat, Apr 19, 2008 at 11:00 AM, sam_w4pk <w4pk@...> wrote:

> After being given the hint that my problem was at the connector in
> the tube deck, I was able to successfuly repair this problem by
> soldering the filament leads directly to the interface board. This
> is on an amplifier of year 2ooo vintage, and the connector can be
> gotten to by turning the amplifier on its side and removing the
> access plate on the underneath of the tube deck.
>
> But now I get a message saying to remove power when I increase my
> input up to just 10-20W. 50W is showing on the reflected power when
> it trips, even though I have the amplifier hooked up to a dummy
> load. When the amp is in the standby mode, the exciter shows that
> indeed there is the dummy load connected. Also, the exciter
> continues to show 1:1 when the amplifier goes into the alarm state.
>
> All voltages and currents are normal when in the OPR state with no
> drive applied. When applying with what must be a couple of watts of
> drive or so, the amplifier does detect the drive, and the bias
> voltage switches from -130V to -48V. However, the tube current jumps
> from 0 to 0.39A! All other voltages and currents remain normal. So
> it appears that I may not be getting that -48V to the tubes, although
> apparently the -130V is present when no drive is applied as in that
> state it cuts off the tubes completely.
>
> Physically, I can find no apparent loose wires in the tube deck area,
> and I measure high impedance on the grids to ground. Also, I
> rechecked the three Molex connectors in the PA deck area to confirm
> that they are properly installed. I am sure that whatever I did will
> be obvious once I find it, but for the life of me I cannot put my
> finger on it.
>
> I do have a copy of the ACOM2000A Technical Supplement, but it is
> incomplete in that there are no schematics involving the RF circuitry
> and particularly how the bias control is routed and controlled.
>

> My question to the reflector is that does anyone have a more complete
> diagram (RF and module interconnect) of this amplifier? Has anyone
> ever encountered this problem before? Any hints?
>
> 73, Sam W4PK
>
>
>

[Non-text portions of this message have been removed]

2630. [acom-list] Gu74b date codes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-19 21:22:48 UTC
From: trevor dunne
Topic: 2622 Message: 2630

Hi all

I see some one in a previous message said the had not
made any gu74b's in the last 10-15 years i have a 2006
date gu74b that i bought from ebay.

it looks brand new and does state 2006 on it...

am i to take it that this is a fake or were the made
in that year

Trevor

Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

2631. Re: 2000A Failed heater voltage - fixed but.....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-20 03:27:49 UTC
From: Brian A.
Topic: 2628 Message: 2631

Sounds like it's going into an VHF oscillation. That would explain
both plate current and high swr trip.

Look at tube socket base to see that all bypass caps are in place.

Any indication (via temp or filiament current) that one tube is bad?

73 de Brian/K3KO

--- In acom-list@yahoogroups.com, "sam_w4pk" <w4pk@...> wrote:
>
> After being given the hint that my problem was at the connector in
> the tube deck, I was able to successfuly repair this problem by
> soldering the filament leads directly to the interface board. This
> is on an amplifier of year 2ooo vintage, and the connector can be
> gotten to by turning the amplifier on its side and removing the
> access plate on the underneath of the tube deck.
>
> But now I get a message saying to remove power when I increase my
> input up to just 10-20W. 50W is showing on the reflected power when
> it trips, even though I have the amplifier hooked up to a dummy
> load. When the amp is in the standby mode, the exciter shows that
> indeed there is the dummy load connected. Also, the exciter
> continues to show 1:1 when the amplifier goes into the alarm state.
>
> All voltages and currents are normal when in the OPR state with no
> drive applied. When applying with what must be a couple of watts of
> drive or so, the amplifier does detect the drive, and the bias
> voltage switches from -130V to -48V. However, the tube current jumps
> from 0 to 0.39A! All other voltages and currents remain normal. So
> it appears that I may not be getting that -48V to the tubes, although
> apparently the -130V is present when no drive is applied as in that
> state it cuts off the tubes completely.
>
> Physically, I can find no apparent loose wires in the tube deck area,
> and I measure high impedance on the grids to ground. Also, I
> rechecked the three Molex connectors in the PA deck area to confirm
> that they are properly installed. I am sure that whatever I did will
> be obvious once I find it, but for the life of me I cannot put my
> finger on it.
>
> I do have a copy of the ACOM2000A Technical Supplement, but it is
> incomplete in that there are no schematics involving the RF circuitry
> and particularly how the bias control is routed and controlled.
>
> My question to the reflector is that does anyone have a more complete

> diagram (RF and module interconnect) of this amplifier? Has anyone
> ever encountered this problem before? Any hints?
>
> 73, Sam W4PK
>

2632. New GU-74b for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-20 08:22:19 UTC
From: Hans Remeeus
Topic: 2632 Message: 2632

A few years ago I bought an Acom 2000A at Cor Rietdijk PE1ALV. He has
excellent service!!

Cor is also selling new GU-74b for 85 euro excl. shipping and he sells
worldwide. Cor is an official Acom dealer.

GU-74b socket for 45 euro, socket including teflon chimney for 55 euro.

You can reach Cor at pe1alv.acompower@...

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

2633. RE: [acom-list] Gu74b date codes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-20 10:48:26 UTC
From: N2TK
Topic: 2622 Message: 2633

I have a 2002 tube. Don't know if there is or what the cutoff year is for
these tubes for manufacturing.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of trevor dunne
Sent: Saturday, April 19, 2008 5:23 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Gu74b date codes

Hi all

I see some one in a previous message said the had not
made any gu74b's in the last 10-15 years i have a 2006
date gu74b that i bought from ebay.

it looks brand new and does state 2006 on it...

am i to take it that this is a fake or were the made
in that year

Trevor

_____
Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now. http://mobile.
<http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ>
yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

[Non-text portions of this message have been removed]

2634. RE: [acom-list] Re: 2000A Failed heater voltage - fixed but.....

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-20 20:15:18 UTC
From: Sam Leslie
Topic: 2628 Message: 2634

Hello again Brian, both tubes are good (get rapidly-increasing temperature readings for both tubes). It could be a VHF oscillation, but it more likely to have been caused by something I have done (like, didn't hook up the bias circuit when I reassembled the LV supply.). Besides, the plate current goes back to 0 when I remove drive. I just got a complete set of schematics from Dennis N6KI so I am going to take my time and analyze what could have caused it. I am going to have to put it aside for now as Judy and I are preparing to go on our semi-annual vacation trip to Hilton Head.

Sam W4PK

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Brian A.
Sent: Saturday, April 19, 2008 11:28 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: 2000A Failed heater voltage - fixed but.....

Sounds like it's going into an VHF oscillation. That would explain both plate current and high swr trip.

Look at tube socket base to see that all bypass caps are in place.

Any indication (via temp or filiament current) that one tube is bad?

73 de Brian/K3KO

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, "sam_w4pk" <w4pk@...> wrote:
>
> After being given the hint that my problem was at the connector in
> the tube deck, I was able to successfuly repair this problem by
> soldering the filament leads directly to the interface board. This
> is on an amplifier of year 2ooo vintage, and the connector can be
> gotten to by turning the amplifier on its side and removing the
> access plate on the underneath of the tube deck.
>
> But now I get a message saying to remove power when I increase my
> input up to just 10-20W. 50W is showing on the reflected power when
> it trips, even though I have the amplifier hooked up to a dummy
> load. When the amp is in the standby mode, the exciter shows that
> indeed there is the dummy load connected. Also, the exciter
> continues to show 1:1 when the amplifier goes into the alarm state.
>
> All voltages and currents are normal when in the OPR state with no
> drive applied. When applying with what must be a couple of watts of

> drive or so, the amplifier does detect the drive, and the bias
> voltage switches from -130V to -48V. However, the tube current jumps
> from 0 to 0.39A! All other voltages and currents remain normal. So
> it appears that I may not be getting that -48V to the tubes, although
> apparently the -130V is present when no drive is applied as in that
> state it cuts off the tubes completely.
>
> Physically, I can find no apparent loose wires in the tube deck area,
> and I measure high impedance on the grids to ground. Also, I
> rechecked the three Molex connectors in the PA deck area to confirm
> that they are properly installed. I am sure that whatever I did will
> be obvious once I find it, but for the life of me I cannot put my
> finger on it.
>
> I do have a copy of the ACOM2000A Technical Supplement, but it is
> incomplete in that there are no schematics involving the RF circuitry
> and particularly how the bias control is routed and controlled.
>
> My question to the reflector is that does anyone have a more complete
> diagram (RF and module interconnect) of this amplifier? Has anyone
> ever encountered this problem before? Any hints?
>
> 73, Sam W4PK
>

[Non-text portions of this message have been removed]

2635. K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 17:21:02 UTC
From: Hans Remeeus
Topic: 2635 Message: 2635

Hello K3 & Acom group,

Someone who has this combination functional?

Reviews and reports are very welcome.

Thanks!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

2636. RE: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 17:26:52 UTC
From: N2TK
Topic: 2635 Message: 2636

Yes. Been using my K3 with a 2000A for SSB and QSK for CW. Also been playing with it for FSK, but keeping the power out down to 400W. The tube temp gets as high as 57C.

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: Monday, April 21, 2008 1:21 PM
To: Elecraft_K3@yahoogroups.com; acom-list@yahoogroups.com
Subject: [acom-list] K3 with Acom 1000 or Acom 2000A??

Hello K3 & Acom group,

Someone who has this combination functional?

Reviews and reports are very welcome.

Thanks!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus. <http://www.remeeus.eu> eu
Communication is about people, the rest is technology.

[Non-text portions of this message have been removed]

2637. RE: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 17:33:00 UTC
From: Bill NY9H
Topic: 2635 Message: 2637

At 12:26 PM 4/21/2008, N2TK wrote:
>Yes. Been using my K3 with a 2000A for SSB and QSK for CW. Also been
>playing with it for FSK, but keeping the power out down to 400W. The tube
>temp gets as high as 57C. N2TK, Tony

I never looked at the temp , differences between the icom 78 & k3
as a driver.

Works fine , as expected. Keyed without any loop or agc.

bill

K3 ASSEMBLY PIX @

http://picasaweb.google.com/Bill.SteffeySr/K3

NY9H STATION PIX @
http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=75658236&f=0

2638. RE: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 17:33:00 UTC
From: Bill NY9H
Topic: 2635 Message: 2638

At 12:26 PM 4/21/2008, N2TK wrote:
>Yes. Been using my K3 with a 2000A for SSB and QSK for CW. Also been
>playing with it for FSK, but keeping the power out down to 400W. The tube
>temp gets as high as 57C. N2TK, Tony

I never looked at the temp , differences between the icom 78 & k3
as a driver.

Works fine , as expected. Keyed without any loop or agc.

bill

K3 ASSEMBLY PIX @

http://picasaweb.google.com/Bill.SteffeySr/K3

NY9H STATION PIX @
http://albums.photo.epson.com/j/ViewPhoto?u=1771119&a=13683578&p=75658236&f=0

2639. Re: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 18:01:23 UTC
From: Dennis Vernacchia
Topic: 2635 Message: 2639

I ran my K3 with ACOM 2000 amp in WPX SSB and I did notice
that getting the drive/mic ALC set so I wouldn't under or overdrive
the ACOM was touchy (read, a bit annoying ;-( )

73, Dennis N6KI

On Mon, Apr 21, 2008 at 10:21 AM, Hans Remeeus <hans@...> wrote:

>
> Hello K3 & Acom group,
>
> Someone who has this combination functional?
>
> Reviews and reports are very welcome.
>
> Thanks!
>
> --
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>

[Non-text portions of this message have been removed]

2640. Re: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 18:09:16 UTC
From: n3rs@verizon.net
Topic: 2635 Message: 2640

I have the K3 and ACOM 2000A running here at N3RS. The conbination is working well and plans to change from FT-1000MP's to K3's for each operating positions are in process. I have used the K3 primarilly on CW, but even on SSB the combination is FB.

73 de Sig

From: Hans Remeeus <hans@remeeus.nl>
Date: 2008/04/21 Mon PM 12:21:02 CDT
To: Elecraft_K3@yahoogroups.com, acom-list@yahoogroups.com
Subject: [acom-list] K3 with Acom 1000 or Acom 2000A??

Hello K3 & Acom group,

Someone who has this combination functional?

Reviews and reports are very welcome.

Thanks!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

2641. ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 19:01:21 UTC
From: Paul M Dunphy
Topic: 2641 Message: 2641

Are any of the list members using an ACOM-1000 on 6M? I just put up a 6M beam, and it's flat on 50.125 MHz (1.0 to 1 VSWR.) If I drive the amp any higher than about 600 watts output it says and "OVERHEATIG" and "REDUCE DRIVE." (Exhaust temperature = 38 C.) I had the same problem with a different feedline and a dipole, so I strongly suspect it's the amp, not the antenna/coax. 600 watts is fine, but it *is* rated at 1000. It works fine on all the other bands from 160M through 10M. Seems to tune fine on 50-MHz, just doesn't like to be driven over 600 watts (drive from the exciter is 26 watts to get 600 watts out according to the ACOM front pael display.)

Just curious if anyone else has encountered this.

73/DX Paul VE1DX

2642. RE: [acom-list] ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 19:20:11 UTC
From: Neil King
Topic: 2641 Message: 2642

Paul,

I've used mine on numerous occassions at full output (1000w) without any problems. On Dxpeditions, in addition to the usual modes, I've used it for EME and MS and my Dxpedition partner Dave K4SV has used his extensively on RTTY at high power levels without a hiccup. We tend to drop the power a bit if the duty cycle is high but only enough to treat the tube with respect. I've never seen this particular error message.

Both our amps gave seen a lot of action and have never missed a beat.

Was (Exhaust temperature = 38 C.) a typo? The air temp at Clipperton was higher than that during the day...

Neil

VA7DX/7P8NK/3DA0WC/C91NK/VU7RG/TX5C

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: April 21, 2008 12:01 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM-1000 on 50-MHz

Are any of the list members using an ACOM-1000 on 6M? I just put up a 6M beam, and it's flat on 50.125 MHz (1.0 to 1 VSWR.) If I drive the amp any higher than about 600 watts output it says and "OVERHEATIG" and "REDUCE DRIVE." (Exhaust temperature = 38 C.) I had the same problem with a different feedline and a dipole, so I strongly suspect it's the amp, not the antenna/coax. 600 watts is fine, but it *is* rated at 1000. It works fine on all the other bands from 160M through 10M. Seems to tune fine on 50-MHz, just doesn't like to be driven over 600 watts (drive from the exciter is 26 watts to get 600 watts out according to the ACOM front pael display.)

Just curious if anyone else has encountered this.

73/DX Paul VE1DX

[Non-text portions of this message have been removed]

2643. Re: ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 20:00:59 UTC
From: pe1czg
Topic: 2641 Message: 2643

Paul,

I'm getting 1050 Watt exactly on 6 meter. The max output is a bit lower then on HF (10-160m) but >1000W on six is no problem with about 30W drive. 600W however is about 2 Db lower then 1050W out.
I should contact Acom about this.
I assume you tuned the Load Cap in the middle and Ia = approx between 600 - 700mA. What is the RF power gain indicating?

Best regards, Ger PE1CZG

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> Are any of the list members using an ACOM-1000 on 6M? I just
> put up a 6M beam, and it's flat on 50.125 MHz (1.0 to 1 VSWR.) If I
> drive the amp any higher than about 600 watts output it says and
> "OVERHEATIG" and "REDUCE DRIVE." (Exhaust temperature = 38 C.) I had
> the same problem with a different feedline and a dipole, so I
> strongly suspect it's the amp, not the antenna/coax. 600 watts is
> fine, but it *is* rated at 1000. It works fine on all the other
> bands from 160M through 10M. Seems to tune fine on 50-MHz, just
> doesn't like to be driven over 600 watts (drive from the exciter is
> 26 watts to get 600 watts out according to the ACOM front pael
display.)
>
> Just curious if anyone else has encountered this.
>
> 73/DX Paul VE1DX
>

2644. Re: [acom-list] Re: ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 20:14:21 UTC
From: Paul M Dunphy
Topic: 2641 Message: 2644

At 05:00 PM 4/21/2008, you wrote:
>Paul,
>
>I'm getting 1050 Watt exactly on 6 meter. The max output is a bit lower
>then on HF (10-160m) but >1000W on six is no problem with about 30W
>drive. 600W however is about 2 Db lower then 1050W out.
>I should contact Acom about this.
>I assume you tuned the Load Cap in the middle and Ia = approx between
>600 - 700mA. What is the RF power gain indicating?
>
>Best regards, Ger PE1CZG

Thanks, Ger . . . the plate current is 580 mA, and the RF power gain is 14.0 dB (14 dB seems a bit higher that the HF bands . . . they are around 12 as I recall.) VA7DX asked if the exhaust temperature was a typo. No it is 38 C. (obviously will rise if I operate any length of time.) I gave it to indicate at least the air flow doesn't seem overly hot, and the warning was "OVERHEATING." The ambient temperature here in the shack is about 24 C, unlike Clipperton where it would have been roasting up into the 40-45 C range!

I have emailed Will at ACOM to see what he says. I'll also copy him on this one. I know amps tend to roll off a bit in terms of output power as one goes up in frequency, but I can get 1,1K or better on HF, so I'd expect 1K on 50-MHz. This may be something that Will or Krassy have seen before.

73, Paul VE!DX

2645. Re: [acom-list] Re: ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 20:33:10 UTC
From: Brian Alsop
Topic: 2641 Message: 2645

Paul,

Another data point. 50.120 MHz
38 watts drive
818 watts out
690ma
2400 v
12.1 db gain (same as HF)
Driving it harder results in an "excessive plate current" flashing warning.

I seem to recall having a full 1000 watts out when amp was new to me..

73 de Brian/K3KO

Paul M Dunphy wrote:

>At 05:00 PM 4/21/2008, you wrote:
>
>
>>Paul,
>>
>>I'm getting 1050 Watt exactly on 6 meter. The max output is a bit lower
>>then on HF (10-160m) but >1000W on six is no problem with about 30W
>>drive. 600W however is about 2 Db lower then 1050W out.
>>I should contact Acom about this.
>>I assume you tuned the Load Cap in the middle and Ia = approx between
>>600 - 700mA. What is the RF power gain indicating?
>>
>>Best regards, Ger PE1CZG
>>
>>
>
> Thanks, Ger . . . the plate current is 580 mA, and the RF power
>gain is 14.0 dB (14 dB seems a bit higher that the HF bands . . .
>they are around 12 as I recall.) VA7DX asked if the exhaust
>temperature was a typo. No it is 38 C. (obviously will rise if I
>operate any length of time.) I gave it to indicate at least the air
>flow doesn't seem overly hot, and the warning was "OVERHEATING." The
>ambient temperature here in the shack is about 24 C, unlike
>Clipperton where it would have been roasting up into the 40-45 C range!
>
> I have emailed Will at ACOM to see what he says. I'll also copy
>him on this one. I know amps tend to roll off a bit in terms of
>output power as one goes up in frequency, but I can get 1,1K or
>better on HF, so I'd expect 1K on 50-MHz. This may be something that
>Will or Krassy have seen before.

>
>73, Paul VE!DX
>
>
>

2646. Re: ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 20:47:32 UTC
From: pe1czg
Topic: 2641 Message: 2646

Paul,

I just tested 50Mhz again and on a dummy-load I get 1080 Watts out. Loading and tuning is a bit more critical then on HF. The Plate current is 690mA the. When driving it more I got the "Plate Warning" message. So Ia over 700mA seems not healthy. The RF power gain is also 14dB here and is a bit higher then on HF (between 11,5 - 12dB)

Goodluck and pse post the follow up here on the reflector. I'm curious what the cause is. I'm sure Acom will fix this.

73's Ger PE1CZG

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> At 05:00 PM 4/21/2008, you wrote:
> >Paul,
> >
> >I'm getting 1050 Watt exactly on 6 meter. The max output is a bit lower
> >then on HF (10-160m) but >1000W on six is no problem with about 30W
> >drive. 600W however is about 2 Db lower then 1050W out.
> >I should contact Acom about this.
> >I assume you tuned the Load Cap in the middle and Ia = approx between
> >600 - 700mA. What is the RF power gain indicating?
> >
> >Best regards, Ger PE1CZG
>
> Thanks, Ger . . . the plate current is 580 mA, and the RF power
> gain is 14.0 dB (14 dB seems a bit higher that the HF bands . . .
> they are around 12 as I recall.) VA7DX asked if the exhaust
> temperature was a typo. No it is 38 C. (obviously will rise if I
> operate any length of time.) I gave it to indicate at least the air
> flow doesn't seem overly hot, and the warning was "OVERHEATING." The
> ambient temperature here in the shack is about 24 C, unlike
> Clipperton where it would have been roasting up into the 40-45 C range!
>
> I have emailed Will at ACOM to see what he says. I'll also copy
> him on this one. I know amps tend to roll off a bit in terms of
> output power as one goes up in frequency, but I can get 1,1K or
> better on HF, so I'd expect 1K on 50-MHz. This may be something

that
> Will or Krassy have seen before.
>
> 73, Paul VE!DX
>

2647. Re: [acom-list] Re: ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 20:56:56 UTC
From: neil.king@telus.net
Topic: 2641 Message: 2647

Paul,

My results are identical to Ger's.

Neil
VA7DX

Sent on the TELUS Mobility network with BlackBerry

-----Original Message-----
From: "pe1czg" <ghoogendijk@cs.com>

Date: Mon, 21 Apr 2008 20:47:32
To:acom-list@yahoogroups.com
Subject: [acom-list] Re: ACOM-1000 on 50-MHz

Paul,

I just tested 50Mhz again and on a dummy-load I get 1080 Watts out.
Loading and tuning is a bit more critical then on HF. The Plate
current is 690mA the. When driving it more I got the "Plate Warning"
message. So Ia over 700mA seems not healthy. The RF power gain is
also 14dB here and is a bit higher then on HF (between 11,5 - 12dB)

Goodluck and pse post the follow up here on the reflector. I'm
curious what the cause is. I'm sure Acom will fix this.

73's Ger PE1CZG

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, Paul M Dunphy
<amplifier@...> wrote:
>
> At 05:00 PM 4/21/2008, you wrote:
> >Paul,
> >
> >I'm getting 1050 Watt exactly on 6 meter. The max output is a bit
lower
> >then on HF (10-160m) but >1000W on six is no problem with about 30W
> >drive. 600W however is about 2 Db lower then 1050W out.
> >I should contact Acom about this.
> >I assume you tuned the Load Cap in the middle and Ia = approx
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> >600 - 700mA. What is the RF power gain indicating?
> >
> >Best regards, Ger PE1CZG
>
> Thanks, Ger . . . the plate current is 580 mA, and the RF

power
> gain is 14.0 dB (14 dB seems a bit higher that the HF bands . . .
> they are around 12 as I recall.) VA7DX asked if the exhaust
> temperature was a typo. No it is 38 C. (obviously will rise if I
> operate any length of time.) I gave it to indicate at least the air
> flow doesn't seem overly hot, and the warning was "OVERHEATING."
The
> ambient temperature here in the shack is about 24 C, unlike
> Clipperton where it would have been roasting up into the 40-45 C
range!
>
> I have emailed Will at ACOM to see what he says. I'll also
copy
> him on this one. I know amps tend to roll off a bit in terms of
> output power as one goes up in frequency, but I can get 1,1K or
> better on HF, so I'd expect 1K on 50-MHz. This may be something
that
> Will or Krassy have seen before.
>
> 73, Paul VE!DX
>

2648. Re: [acom-list] ACOM-1000 on 50-MHz

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-21 22:12:44 UTC
From: Dennis Vernacchia
Topic: 2641 Message: 2648

I used my MonstIR SteppIR on 6 mtrs a few months ago and with the
Flat SWR SteppIR has it put out over 800 Watts key down - no problems

73, Dennis N6KI

On Mon, Apr 21, 2008 at 12:01 PM, Paul M Dunphy <amplifier@...> wrote:

> Are any of the list members using an ACOM-1000 on 6M? I just
> put up a 6M beam, and it's flat on 50.125 MHz (1.0 to 1 VSWR.) If I
> drive the amp any higher than about 600 watts output it says and
> "OVERHEATIG" and "REDUCE DRIVE." (Exhaust temperature = 38 C.) I had
> the same problem with a different feedline and a dipole, so I
> strongly suspect it's the amp, not the antenna/coax. 600 watts is
> fine, but it *is* rated at 1000. It works fine on all the other
> bands from 160M through 10M. Seems to tune fine on 50-MHz, just
> doesn't like to be driven over 600 watts (drive from the exciter is
> 26 watts to get 600 watts out according to the ACOM front pael display.)
>
> Just curious if anyone else has encountered this.
>
> 73/DX Paul VE1DX
>
>

[Non-text portions of this message have been removed]

2649. Re: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-22 05:15:02 UTC
From: Hans Remeeus
Topic: 2635 Message: 2649

Thanks to everyone who send me a review; very much appreciated!

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

n3rs@... schreef:
> I have the K3 and ACOM 2000A running here at N3RS. The conbination is working
> well and plans to change from FT-1000MP's to K3's for each operating positions
> are in process. I have used the K3 primarilly on CW, but even on SSB the
> combination is FB.
>
> 73 de Sig
>
> From: Hans Remeeus <hans@...>
> Date: 2008/04/21 Mon PM 12:21:02 CDT
> To: Elecraft_K3@yahoogroups.com, acom-list@yahoogroups.com
> Subject: [acom-list] K3 with Acom 1000 or Acom 2000A??
>
> Hello K3 & Acom group,
>
> Someone who has this combination functional?
>
> Reviews and reports are very welcome.
>
> Thanks!
>

2650. Re: K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-22 09:16:02 UTC
From: gw0etf
Topic: 2635 Message: 2650

```
--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Hello K3 & Acom group,
>
> Someone who has this combination functional?
>
> Reviews and reports are very welcome.
>
> Thanks!
>
>
> --
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
```

Hans,

I've been using the Acom 1000 with the K3 since Decemeber '07 on CW and have no problems whatsoever. Normally use QSK also and never had any complaints from the amp even after doing the keying mod in the K3 which brings the switching time down to about 8ms.

Just the one keying line is used from KEYOUT on the K3 to KEY IN on the amp, couldn't be simpler.

73,
Stewart Rolfe, GW0ETF (K3 145)

2651. Re: [acom-list] Re: K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-22 18:08:09 UTC
From: Hans Remeeus
Topic: 2635 Message: 2651

Thanks Stewart!

I expect the K3 in May or June and believe that he will be good friends
with my Acom 2000A...

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

gw0etf schreef:
>
> Hans,
>
> I've been using the Acom 1000 with the K3 since Decemeber '07 on CW
> and have no problems whatsoever. Normally use QSK also and never had
> any complaints from the amp even after doing the keying mod in the K3
> which brings the switching time down to about 8ms.
>
> Just the one keying line is used from KEYOUT on the K3 to KEY IN on
> the amp, couldn't be simpler.
>
> 73,
> Stewart Rolfe, GW0ETF (K3 145)
>

2652. K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-22 18:15:37 UTC
From: Howard Klein
Topic: 2635 Message: 2652

Hans,
I look forward to joining you with a similar setup at about the same time. We can compare notes.
73 es gl,
Howard..K2HK
HK

[Non-text portions of this message have been removed]

2653. Re: [acom-list] K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-22 18:28:27 UTC
From: Hans Remeeus
Topic: 2635 Message: 2653

Hello Howard,

Thanks for the invitation! I like to do some comparisons with you very
much. I will send you an email as soon as the K3 arrives.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Howard Klein schreef:
> Hans,
> I look forward to joining you with a similar setup at about the same time. We can compare
notes.
> 73 es gl,
> Howard..K2HK
> HK
>

2654. Re: Gu74b date codes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-27 15:04:29 UTC
From: Hans , PA3HGT
Topic: 2622 Message: 2654

Hello All,

Is the code 89 12 meaning that the tube is produced in Dec 1989 ?
What's is the meaning of "OTK 18" ?

73,Hans

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
> I have a 2002 tube. Don't know if there is or what the cutoff year
is for
> these tubes for manufacturing.
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
On Behalf
> Of trevor dunne
> Sent: Saturday, April 19, 2008 5:23 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Gu74b date codes
>
>
>
>
> Hi all
>
> I see some one in a previous message said the had not
> made any gu74b's in the last 10-15 years i have a 2006
> date gu74b that i bought from ebay.
>
> it looks brand new and does state 2006 on it...
>
> am i to take it that this is a fake or were the made
> in that year
>
> Trevor
>
> --
> Be a better friend, newshound, and
> know-it-all with Yahoo! Mobile. Try it now. http://mobile.
> <http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ>
> yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

2655. Re: [acom-list] Re: Gu74b date codes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-27 15:43:27 UTC
From: Paul M Dunphy
Topic: 2622 Message: 2655

At 12:04 PM 4/27/2008, you wrote:
>Hello All,
>
>Is the code 89 12 meaning that the tube is produced in Dec 1989 ?
>What's is the meaning of "OTK 18" ?
>
>73,Hans

This is another urban legend, I think. I really doubt if any GU-74b tubes were made very long after the breakup of the Soviet Union. The ones I have came in sealed boxes that had sealed plastic bags inside, and a set of specs written in Cyrillic. These "instructions" had dates written in the format 17.06.87 which I interpreted to mean it was made on 17 June 1987 . . . the "instructions" all had different dates. There is Cyrillic writing on the tubes that doesn't make a lot of sense to me, and nothing except "CCCP" jumps out as being recognisable. There might be a date code on the tube itself, but if it is, I can't de-cypher it.

My point is, given the large glut of GU-74bs in the 1990s, and the (relatively speaking) de-mobilisation of the former Soviet Union's military, why would the former East Bloc factories still be churning out GU-74bs well into the 2000's? I have no hard evidence to support this, but I doubt if many (any?) GU-74bs were made after 1991 or 1992. Given the massive change Russia and the other CIS countries were going through, why would they still be making GU-74bs?

If anyone has a definitive answer to how to interpret date codes on the actual GU-74b tube itself, or knows for sure when production ceased, I'd be very interested to know.

Don't mix up Svetlana 4CX800A and GU-74bs because, while they are electrically compatible, Svetlana made commercial/amateur equivalents of the military GU-74b. The GU-74b was never made for Ham radio amplifiers! :-) It was made for use in Soviet military equipment.

73/DX Paul VE1DX

2656. Re: [acom-list] Re: Gu74b date codes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-27 16:58:13 UTC
From: DJ3IW Götz
Topic: 2622 Message: 2656

OTK ist the abbreviation for Quality control and 18 indicates
the QC person.

73 de Goetz DJ3IW
----- Original Message -----
From: "Hans , PA3HGT" <pa3hgt@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, April 27, 2008 3:04 PM
Subject: [acom-list] Re: Gu74b date codes

Hello All,

Is the code 89 12 meaning that the tube is produced in Dec 1989 ?
What's is the meaning of "OTK 18" ?

73,Hans

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
> I have a 2002 tube. Don't know if there is or what the cutoff year
is for
> these tubes for manufacturing.
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
On Behalf
> Of trevor dunne
> Sent: Saturday, April 19, 2008 5:23 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Gu74b date codes
>
>
>
>
> Hi all
>
> I see some one in a previous message said the had not
> made any gu74b's in the last 10-15 years i have a 2006
> date gu74b that i bought from ebay.
>
> it looks brand new and does state 2006 on it...
>
> am i to take it that this is a fake or were the made
> in that year

>
> Trevor
>
> _____
> Be a better friend, newshound, and
> know-it-all with Yahoo! Mobile. Try it now. http://mobile.
> <http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ>
> yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2657. 6M tripping on ACOM-1000 at 700 watts - FIXED

Yahoo group: acom-list (1999 — 2009)
Date: 2008-04-29 00:19:41 UTC
From: Paul M Dunphy
Topic: 2657 Message: 2657

A week or two ago I posted a query to the list asking if anyone had any problems getting full smoke out on 6M with their ACOM-1000. (Mine was tripping out between 600-700 watts and giving a weird ** OVERHEATING ** message.)

Several of the members of the list asked me to post the resolution if I found one. Here it is:

I spoke to ACOM, and they got me to send them a listing of the various menu parameters on 6M as well as several other bands. Everything looked fine. One of their engineers suggested it likely was RF getting into the amp and confusing the microprocessor. I put RF snap on cores on the coax going in and out. Didn't help. I made a coaxial choke in the shack near where it left the amp. Might have helped a little, but it still was tripping at 750-800 watts. Today I another coaxial choke at the feed point of the 6M beam. This had absolutely no effect. However, I was becoming convinced it was RF getting into the amp. I tried disconnecting the ground strap. No difference.

Then I thought of the AC 240 VAC line. Could it be getting in through the house wiring? I put one of those RF snap-on cores on the power line just before it enters the amp. Problem solved! 1012 watts output on 50.125 MHz. Everything works as it should. This was an easy fix (once I figured out where to put the RF core.) RF can always be cured . . . just takes time to figure out how.

73/DX Paul VE1DX

2658. ALC on a ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-01 20:44:36 UTC
From: Daniel
Topic: 2658 Message: 2658

Hi folks

The ACOM has, so far as I know, an ALC connector and an ALC Regulation on the back. Does this working properly as any ALC on a PA does?

Daniel, HB9DDS

2659. Re: [acom-list] ALC on a ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-02 05:07:03 UTC
From: Hans Remeeus
Topic: 2658 Message: 2659

Hello Daniel,

Yes it does. However you'll only need the ALC with older transceivers
with tubes in the PA. With modern transceivers Acom does not recommended
to use the ALC-circuit.

When I use my Acom 2000A in combination with the BAND DATA from Yaesu
transceivers I use the KEY IN and KEY OUT.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Daniel schreef:
> Hi folks
>
> The ACOM has, so far as I know, an ALC connector and an ALC Regulation on the back. Does
> this working properly as any ALC on a PA does?
>
> Daniel, HB9DDS
>
>

2660. Re: ALC on a ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-02 10:38:35 UTC
From: Daniel
Topic: 2658 Message: 2660

Hello Hans

"...Yes it does. However you'll only need the ALC with older transceivers with tubes in the PA. With modern transceivers Acom does not recommended to use the ALC-circuit....

1. If you have an ALC it is allways better to use it. Some TRX, especially the newer ones, have power spikes, that means if you set the output power to 10W in the first millisecond the power will go up to 100W and the circuit of the PA is overdriven and shut down!

-->> Use the ALC all the time!

2. When ACON does not recommend this, I think they dont understand the meaning of the ALC!

3. Fot WHAT reason they do NOT recomment it??

Daniel, HB9DDS

PS:

1. I send an email to the swiss company who sell this ACIM stuff. The answer was, we will have a look at (4 weeks ago).

2. I send an email to ACOM in Bulgaria, NO answer!!!

2661. Re: [acom-list] Re: ALC on a ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-02 12:25:55 UTC
From: LA7SL Nils P. Pedersen
Topic: 2658 Message: 2661

>>1. I send an email to the swiss company who sell this ACIM stuff. The
>>answer was, we will
>>have a look at (4 weeks ago).<<

>>2. I send an email to ACOM in Bulgaria, NO answer!!!<<

Well.... my comments to your point 2. above is that Acom Bulgaria seems to
have a policy NOT
to answer questions that could possibly disclose a potential weakness in
their products or company
policies......
I am sorry to say that my respect for Acom and their products has gone "down
the drain" over the past
few weeks....
I you wonder what I mean to say please check my earlier postings to this
group...
they did not say anything about ALC however...
***USE the ALC as you should on any transceiver/PA.....BUT adjust it
correctly..and use your
drive level (pwr out) on your TX correctly !
otherwise the dynamic (2-level) bias in the Acom amp will not work properly
!***
I doubt if any ALC will be fast enough to kill the infamous powerspikes
unless you apply a fixed bias
to your ALC-circuit...
This is a general problem and not a specific Acom problem...
Peter

----- Original Message -----
From: Daniel
To: acom-list@yahoogroups.com
Sent: Friday, May 02, 2008 12:38 PM
Subject: [acom-list] Re: ALC on a ACOM 2000

Hello Hans

"...Yes it does. However you'll only need the ALC with older transceivers
with tubes in the
PA. With modern transceivers Acom does not recommended to use the
ALC-circuit....

1. If you have an ALC it is allways better to use it. Some TRX, especially
the newer ones,
have power spikes, that means if you set the output power to 10W in the
first millisecond
the power will go up to 100W and the circuit of the PA is overdriven and

shut down!

-->> Use the ALC all the time!

2. When ACON does not recommend this, I think they dont understand the meaning of the
ALC!

3. Fot WHAT reason they do NOT recomment it??

Daniel, HB9DDS

PS:

1. I send an email to the swiss company who sell this ACIM stuff. The answer was, we will
have a look at (4 weeks ago).

2. I send an email to ACOM in Bulgaria, NO answer!!!

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.23.7/1411 - Release Date: 02.05.2008 08:02

2662. Re: [acom-list] Re: ALC on a ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-03 05:59:23 UTC
From: Hans Remeeus
Topic: 2658 Message: 2662

I never did true measurements, but don't believe either that the
ALC-circuit is capable of avoiding the powerspikes.

I have such powerspikes with my IC-775DSP and not any with the FT-1000D.
Both I connected to the Acom 2000A.

What Peter wrote is important: when you want to use the ALC, go ahead.
But always adjust the drive and/or power level to protect the linear as
much as possible.

This is what the Technical Reference of the 2000A says about the ALC:

The ALC signal is grid-current derived. When the control grid (G1)
current appears during transmission between zero and 5mA (both tubes
summary), the ALC voltage is zero. When this threshold is exceeded, a
negative voltage appears on the ALC output, which is linearly
proportional to the amount of grid current above the 5mA threshold. Its
maximum value (-11V) is reached around 15mA grid current, and can be
continuously reduced to zero via the ALC regulator. The regulator is
located on the rear panel, just above the ALC connector. Clockwise
rotation will increase the maximum ALC voltage (and the loop gain of the
system "amplifier + transceiver").

Using this output is normally not needed with modern transceivers.

The electrical parameters of the ALC output are as follows:
- maximum output voltage (negative to ground) up to -11V;
- output resistance about 500 Ohms;
- maximum output current up to -10mA (self-protected).

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

LA7SL Nils P. Pedersen schreef:
>>> 1. I send an email to the swiss company who sell this ACIM stuff. The
>>> answer was, we will
>>> have a look at (4 weeks ago).<<
>
>>> 2. I send an email to ACOM in Bulgaria, NO answer!!!<<
>
> Well.... my comments to your point 2. above is that Acom Bulgaria seems to
> have a policy NOT
> to answer questions that could possibly disclose a potential weakness in

> their products or company
> policies......
> I am sorry to say that my respect for Acom and their products has gone "down
> the drain" over the past
> few weeks....
> I you wonder what I mean to say please check my earlier postings to this
> group...
> they did not say anything about ALC however...
> ***USE the ALC as you should on any transceiver/PA.....BUT adjust it
> correctly..and use your
> drive level (pwr out) on your TX correctly !
> otherwise the dynamic (2-level) bias in the Acom amp will not work properly
> !***
> I doubt if any ALC will be fast enough to kill the infamous powerspikes
> unless you apply a fixed bias
> to your ALC-circuit...
> This is a general problem and not a specific Acom problem...
> Peter
>
>
> ----- Original Message -----
> From: Daniel
> To: acom-list@yahoogroups.com
> Sent: Friday, May 02, 2008 12:38 PM
> Subject: [acom-list] Re: ALC on a ACOM 2000
>
>
> Hello Hans
>
> "...Yes it does. However you'll only need the ALC with older transceivers
> with tubes in the
> PA. With modern transceivers Acom does not recommended to use the
> ALC-circuit....
>
> 1. If you have an ALC it is allways better to use it. Some TRX, especially
> the newer ones,
> have power spikes, that means if you set the output power to 10W in the
> first millisecond
> the power will go up to 100W and the circuit of the PA is overdriven and
> shut down!
>
> -->> Use the ALC all the time!
>
> 2. When ACON does not recommend this, I think they dont understand the
> meaning of the
> ALC!
>
> 3. Fot WHAT reason they do NOT recomment it??
>
> Daniel, HB9DDS

>
> PS:
>
> 1. I send an email to the swiss company who sell this ACIM stuff. The answer
> was, we will
> have a look at (4 weeks ago).
>
> 2. I send an email to ACOM in Bulgaria, NO answer!!!
>
>

2663. Auto protection SB27 on ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-06 13:17:33 UTC
From: iz7auhfrank
Topic: 2663 Message: 2663

Hi Guys,
any news about a Auto Protection:SB27??

My Amplifier is falure with this error to startup

Auto Protection:SB27

HEX CODE:
1ASB27 000000 000000
1B6D98 0760DC D76F77
2ASB27 000000 000000
2B6D98 0760DC D76F77
7ASB06 0800FF 080008
7B74A6 2725DF D37FF4

Why?

best 73 de IZ7AUH Frank

2664. Re: [IC7700] power up spike?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-11 07:20:22 UTC
From: Hans Remeeus
Topic: 2664 Message: 2664

Dear group-members,

This article could be interesting for you:

http://www.nitehawk.com/sm5bsz/dynrange/dubus205/dubus205.htm

Please note the dramatic improvement in the IC-718 and IC-7800 that was
achieved by disabling the ALC.

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Adam Farson schreef:
> Dick, Hans,
>
> Matt KK5DR has done an ALC overshoot test, and has not observed a spike (Msg
> #1181). I shall run a similar test with the Quadra once I receive my IC-7700
> in a couple of weeks.
>
> In a grid-driven tube amplifier with an untuned, swamped grid circuit such
> as the Acom line or some of the newer Alphas, I would worry more about the
> possibility that a VHF parasitic might "blow back" into the exciter and
> destroy it. I know of several cases where this has occurred. An LPF with fc
> = 30 MHz between the exciter and amplifier is a prudent precaution in such
> cases.
>
> Cheers for now, 73,
> Adam VA7OJ/AB4OJ
>
>
> -----Original Message-----
> From: IC7700@yahoogroups.com [mailto:IC7700@yahoogroups.com] On Behalf Of
> PA3DUV
> Sent: 4-May-08 01:23
> To: IC7700@yahoogroups.com
> Subject: Re: [IC7700] power up spike?
>
> Good day gentlemen,
>
> You must be more than ready for the K3 dear Hans ;-)
>
> Actually, the fact the Acom2000A is so sensible for standard contesting

> operating conditions is the very reason that I sold off my 2 Acom2000A amps.
> During the last PACC contest the Acom2000A tripped continuously due to RF
> generated by the other operating positions in our M/M contest setup.
> The rugged Emtron DX4 amplifiers have proven to be more suitable for this
> type of environment.
>
> BTW, in my home station the combination Acom2000A and IC775DSP has never
> showed any problems which could be related to leading edge spikes generated
> by the transceiver. However, sound engineering calls for an attenuation pad
> between transceiver and high gain amplifiers since a forward controlled ALC
> system will overshoot by default.
>
> This is what I did in my Collins 204C-1 which needs 23 dBm to drive it to 72
> dBm output. Between the IC775DSP and the Collins 204C-1 is a 20 dB
> attenuator so the IC775DSP can run @ ffull smoke. Any leading edge spikes in
> the IC775DSP I found were related to audio generated by pushing the PTT
> key.
>
> Cheers, Dick
> PA3DUV
> W6DUV
>
>
>
>
> ----- Original Message -----
> From: Hans Remeeus
> To: IC7700@yahoogroups.com
> Sent: Sunday, May 04, 2008 8:27 AM
> Subject: Re: [IC7700] power up spike?
>
>
>
> Hello Marty,
>
> IMHO this is a very important issue.
>
> Since a couple of years I use the Acom 2000A. I have tried several rigs
> in combination with this linear amplifier.
>
> One of my main rigs is the Icom IC-775DSP from manufacturingyear 2000,
> so one of the latest European versions. It actually is impossible to use
> the IC-775DSP in combination with the Acom 2000A, due to power spikes.
> The Acom 2000A repeatedly shuts down, which of course is very annoying.
>
> The FT-1000D, FT-1000MP Mark-V incl. Field, FT-920 and FT-950 have no
> power spikes at all.
>
> There is a site from a Swedish ham how did a lot of measurements on the
> power spike issue. I cannot find his site at this moment, but will come

> back as soon as soon as I found him.
>
> Before buying the IC-7700 I must be 100% certain that he does not suffer
> any power spikes.
>
> --
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
> kamarty456 schreef:
> > Some of you are familiar with the Icom power up spike when
> > transmitting. This is very obvious in the early IC-781 and IC-775
> > radios. Icom did respond to this somewhat but even later production
> > runs of the 781 & 775 still experienced some level of power up spikes.
> >
> > If you run, for example, an Acom 2000A or similar style amplifier you
> > can get fault errors and safety shut downs of the amplifier.
> >
> > So....Has anyone experienced the Icom anomaly of the power up spike
> > when using the IC-7700?
> >
> > Marty KA7GKN
> >
>

2665. ACOM 2000A Heater Connector Solution

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-16 00:16:19 UTC
From: sam_w4pk
Topic: 2665 Message: 2665

Hello all. I finally figured out my heater problem. It was a loose connector (not involved with the heater circuit) on the LV board which I had accidently caused when I originally removed it. I did this the hard way by removing each board one at a time to get at the bottom board. After going through this, it became obvious that there is a much easier way of getting to the bottom board.

I have thus written up a procedure for gaining access to the suspect connectors in case any of you are interested. I found my problem at the tube deck heater connector, not at the LV board connectors. I did not repair the LV connectors as they were okay, but I needed to document how I got to the LV board in case I have a failure in the future. Also included is a procedute for getting at the connector under the tube deck, which turns out to be fairly easy.

PROCEDURE FOLLOWS:

Early ACOM 2000A amplifiers have been reported to have problems with the heater connectors on either the low-voltage (LV) supply board or on the connector underneath the tube deck.

The 13.5VAC heater voltage from the low-voltage transformer is applied to the LV board on a 4-pin Molex connector (JP5), and then is routed via JP6 (another 4-pin Molex connector on the LV board) to underneath the tube deck to another 4-pin connector, JP1.

The LV supply board is at the bottom of the 4-board stack on the front right-hand side of the amplifier when it is viewed from the front.

LV SUPPLY BOARD REMOVAL PROCEDURE:

1. UNPLUG AMPLIFIER, MAKE SURE ALL CAPS ARE DISCHARGED.

2. Unplug all the connectors on the HV power transformer. There are four connectors total, with three of them going to the HV supply board (on top of the stack).

3. Remove the HV transformer, which is in the right-rear of the cabinet when viewed from the front. The transformer is attached via four large Phillips-head screws feeding up underneath the chassis. One way to get at the screws is to turn the amplifier on its side (obviously, with the transformer being down) and removing the four screws. Padding is recommended between the transformer and the bench to ease the stress on the screws and cabinet shelf. Another way is to slide the amplifier over the edge of the work bench far enough to access the four screws underneath the chassis. Be sure to support

the chassis with one hand while you do this as the weight of the transformer will otherwise tip the amplifier off the shelf. Once the transformer is removed, the chassis will be stable to allow the removal of the LV transformer.

4. Remove the 5" brass rod connecting the top board to the chassis. This rod is at the right-rear of the HV rectifier board, and will make the removal of the LV transformer and LV supply board easier.

5. Slide the amplifier off the edge of your work bench far enough to access the six screws holding the LV transformer from underneath the amplifier. Remove these six screws, and lift the transformer to one side to allow the LV transformer secondary connectors to be unplugged from the LV supply board. Once unplugged, place the LV transformer to where the HV transformer was previously located. It will still have its primary cable harness connected.

6. There are six more screws underneath the amplifier which hold the LV Supply mounting plate. Remove these six screws. The LV supply should now be free to remove for easy access. Unplug the remaining cables.

7. If required, either replace the JP5 and JP6 connectors or directly solder them to the LV board. These two connectors are at the right-rear corner of the LV board when viewed from the front of the amp.

8. Once repaired, reverse the procedure above to reinstall the boards. Don't forget the 5" stand-off brass rod for supporting the HV supply board.

Note that the entire 4-board stack can be removed by this process, if desired.

TUBE DECK JP1 REMOVAL PROCEDURE:

1. Turn the amplifier on its side, with the bottom facing to you and with the tube deck at the top.

2. Remove the plate on the bottom of the tube deck.

3. Unplug the air flow sensor connector to allow its cable to be moved to one side. The air flow sensor board is mounted to the plate which you have just removed. Also, the input 50-ohm load is mounted to the bottom plate, and it is still connected via coax. Set the bottom plate on the top of the chassis, taking care to not strain the input coax cable.

4. Unsolder R7, a 47-ohm 2W resistor connected to the rear tube socket, pin 5. The other end of this resistor goes to pin 1 of JP2.

5. JP1 and JP2 are on a small circuit board mounted underneath the tube deck at the extreme rear of the cavity. JP1 is the heater

supply connector (4 pins) and JP2 is a smaller 4-pin connector containing the screen supply source and a heater measurement test point. Remove the smaller plug, and if possible, also remove the heater connector. Remove the two screws holding this board in place. These screws are accessable on the top of the tube deck. It will help if you remove the rear tube and chimney to allow easier access to these two screws.

6. There is enough slack in the wiring harness to allow the board to be pulled out far enough to allow access to the 4-pin JP1 connector. Remove this connector, and solder the wires directly to the board. Make sure that you maintain the correct order for wiring.

7. Reinstall the board, and plug back in the the screen supply connector JP2.

8. Solder the resistor back to the screen of the rear tube socket (pin 5).

9. Plug in the previously removed connector to the air sensor board, and screw the bottom plate back to the underneath of the tube deck.

END OF PROCEDURE.

Again, thanks to Dennis N6KI and Hal N4GG for their suggestions in solving this problem.

73, Sam W4PK

2666. Re: [acom-list] ACOM 2000A Heater Connector Solution

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-16 00:27:12 UTC
From: Brian Alsop
Topic: 2665 Message: 2666

Sam,

I'm really glad you solved this problem.

73 de Brian/K3KO

sam_w4pk wrote:

>Hello all. I finally figured out my heater problem. It was a loose
>connector (not involved with the heater circuit) on the LV board
>which I had accidently caused when I originally removed it. I did
>this the hard way by removing each board one at a time to get at the
>bottom board. After going through this, it became obvious that there
>is a much easier way of getting to the bottom board.
>
>I have thus written up a procedure for gaining access to the suspect
>connectors in case any of you are interested. I found my problem at
>the tube deck heater connector, not at the LV board connectors. I
>did not repair the LV connectors as they were okay, but I needed to
>document how I got to the LV board in case I have a failure in the
>future. Also included is a procedute for getting at the connector
>under the tube deck, which turns out to be fairly easy.
>
>
>PROCEDURE FOLLOWS:
>
>Early ACOM 2000A amplifiers have been reported to have problems with
>the heater connectors on either the low-voltage (LV) supply board or
>on the connector underneath the tube deck.
>
>The 13.5VAC heater voltage from the low-voltage transformer is
>applied to the LV board on a 4-pin Molex connector (JP5), and then is
>routed via JP6 (another 4-pin Molex connector on the LV board) to
>underneath the tube deck to another 4-pin connector, JP1.
>
>The LV supply board is at the bottom of the 4-board stack on the
>front right-hand side of the amplifier when it is viewed from the
>front.
>
>LV SUPPLY BOARD REMOVAL PROCEDURE:
>
>1. UNPLUG AMPLIFIER, MAKE SURE ALL CAPS ARE DISCHARGED.
>
>2. Unplug all the connectors on the HV power transformer. There are
>four connectors total, with three of them going to the HV supply
>board (on top of the stack).

>
>3. Remove the HV transformer, which is in the right-rear of the
>cabinet when viewed from the front. The transformer is attached via
>four large Phillips-head screws feeding up underneath the chassis.
>One way to get at the screws is to turn the amplifier on its side
>(obviously, with the transformer being down) and removing the four
>screws. Padding is recommended between the transformer and the bench
>to ease the stress on the screws and cabinet shelf. Another way is
>to slide the amplifier over the edge of the work bench far enough to
>access the four screws underneath the chassis. Be sure to support
>the chassis with one hand while you do this as the weight of the
>transformer will otherwise tip the amplifier off the shelf. Once the
>transformer is removed, the chassis will be stable to allow the
>removal of the LV transformer.
>
>4. Remove the 5" brass rod connecting the top board to the chassis.
>This rod is at the right-rear of the HV rectifier board, and will
>make the removal of the LV transformer and LV supply board easier.
>
>5. Slide the amplifier off the edge of your work bench far enough to
>access the six screws holding the LV transformer from underneath the
>amplifier. Remove these six screws, and lift the transformer to one
>side to allow the LV transformer secondary connectors to be unplugged
>from the LV supply board. Once unplugged, place the LV transformer
>to where the HV transformer was previously located. It will still
>have its primary cable harness connected.
>
>6. There are six more screws underneath the amplifier which hold the
>LV Supply mounting plate. Remove these six screws. The LV supply
>should now be free to remove for easy access. Unplug the remaining
>cables.
>
>7. If required, either replace the JP5 and JP6 connectors or
>directly solder them to the LV board. These two connectors are at
>the right-rear corner of the LV board when viewed from the front of
>the amp.
>
>8. Once repaired, reverse the procedure above to reinstall the
>boards. Don't forget the 5" stand-off brass rod for supporting the
>HV supply board.
>
>Note that the entire 4-board stack can be removed by this process, if
>desired.
>
>TUBE DECK JP1 REMOVAL PROCEDURE:
>
>1. Turn the amplifier on its side, with the bottom facing to you and
>with the tube deck at the top.
>
>2. Remove the plate on the bottom of the tube deck.

>
>3. Unplug the air flow sensor connector to allow its cable to be
>moved to one side. The air flow sensor board is mounted to the plate
>which you have just removed. Also, the input 50-ohm load is mounted
>to the bottom plate, and it is still connected via coax. Set the
>bottom plate on the top of the chassis, taking care to not strain the
>input coax cable.
>
>4. Unsolder R7, a 47-ohm 2W resistor connected to the rear tube
>socket, pin 5. The other end of this resistor goes to pin 1 of JP2.
>
>5. JP1 and JP2 are on a small circuit board mounted underneath the
>tube deck at the extreme rear of the cavity. JP1 is the heater
>supply connector (4 pins) and JP2 is a smaller 4-pin connector
>containing the screen supply source and a heater measurement test
>point. Remove the smaller plug, and if possible, also remove the
>heater connector. Remove the two screws holding this board in
>place. These screws are accessable on the top of the tube deck. It
>will help if you remove the rear tube and chimney to allow easier
>access to these two screws.
>
>6. There is enough slack in the wiring harness to allow the board to
>be pulled out far enough to allow access to the 4-pin JP1 connector.
>Remove this connector, and solder the wires directly to the board.
>Make sure that you maintain the correct order for wiring.
>
>7. Reinstall the board, and plug back in the the screen supply
>connector JP2.
>
>8. Solder the resistor back to the screen of the rear tube socket
>(pin 5).
>
>9. Plug in the previously removed connector to the air sensor board,
>and screw the bottom plate back to the underneath of the tube deck.
>
>END OF PROCEDURE.
>
>Again, thanks to Dennis N6KI and Hal N4GG for their suggestions in
>solving this problem.
>
>73, Sam W4PK
>
>
>
>
>
>
>
>

2667. GU-74B heater current

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-23 00:18:46 UTC
From: hb9tmw
Topic: 2667 Message: 2667

Hi

I recently bought a pair of NOS GU-74B tubes on eBay. I started heating them carefully (PA7TWO provided me some valuable information on testing spares, TNX Kees)and one tube's heater draws 4.2 A at 12.5 V while the other one draws 3.6 A at the same volage.

4.2 is about 8% over the max current specified by the manufacturer (the specs are 3.6 +/- 0.3 A). I wonder if this is meaningless or if the tube is bad. Any ideas?

Best 73

David HB9TMW

2668. Re: GU-74B heater current

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-23 00:48:25 UTC
From: hb9tmw
Topic: 2667 Message: 2668

Hi again

I searched the archives (which should have be done before posting ;-)
and I found some VERY interesting information in post 905. The Acom
2000A will accept heater currents up to 4.4 A, so if Stan at Acom says
4.4 A, 4.2 will just be ok...

Go through post N° 905 there's plenty of good stuff from the Acom
factory in it!!

73 David HB9TMW

--- In acom-list@yahoogroups.com, "hb9tmw" <hb9tmw@...> wrote:
>
> Hi
>
> I recently bought a pair of NOS GU-74B tubes on eBay. I started
> heating them carefully (PA7TWO provided me some valuable information
> on testing spares, TNX Kees)and one tube's heater draws 4.2 A at 12.5
> V while the other one draws 3.6 A at the same volage.
>
> 4.2 is about 8% over the max current specified by the manufacturer
> (the specs are 3.6 +/- 0.3 A). I wonder if this is meaningless or if
> the tube is bad. Any ideas?
>
> Best 73
>
> David HB9TMW
>

2670. NOS GU74B tubes for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2008-05-28 11:34:25 UTC
From: Kees - pa7two
Topic: 2670 Message: 2670

Hi all, Have some spare NOS GU74B tubes available. No matched pairs at the moment. Please contact me via personal e-mail for details if you're interested. E-mail address OK on www.QRZ.com.
Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

_____
Make every e-mail and IM count. Join the i?m Initiative from Microsoft.
http://im.live.com/Messenger/IM/Join/Default.aspx?source=EML_WL_ MakeCount

[Non-text portions of this message have been removed]

2671. TR4B Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-01 18:09:41 UTC
From: Frank Hunter
Topic: 2671 Message: 2671

Does anyone know what causes this fault? I'm able to produce it using
antennas and a dummy load :(

73, Frank GI4NKB
--

2672. air filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-06 16:45:35 UTC
From: kamarty456
Topic: 2672 Message: 2672

I know how easy it is to overlook keeping the air filter clean.

You should check it to ensure it's not full of dust!

Our Acom units do not like restricted air flow.

Marty KA7GKN

2673. Re: K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-09 09:50:42 UTC
From: pa5cw
Topic: 2635 Message: 2673

The same with me,

Use the K3 with the Acom1000 for a few months now.

Works great!

Kees PA5CW

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Thanks Stewart!
>
> I expect the K3 in May or June and believe that he will be good
friends
> with my Acom 2000A...
>
>
> --
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> gw0etf schreef:
> >
> > Hans,
> >
> > I've been using the Acom 1000 with the K3 since Decemeber '07 on
CW
> > and have no problems whatsoever. Normally use QSK also and never
had
> > any complaints from the amp even after doing the keying mod in
the K3
> > which brings the switching time down to about 8ms.
> >
> > Just the one keying line is used from KEYOUT on the K3 to KEY IN
on
> > the amp, couldn't be simpler.
> >
> > 73,
> > Stewart Rolfe, GW0ETF (K3 145)
> >
>

2674. Re: K3 with Acom 1000 or Acom 2000A??

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-09 09:50:55 UTC
From: pa5cw
Topic: 2635 Message: 2674

The same with me,

Use the K3 with the Acom1000 for a few months now.

Works great!

Kees PA5CW

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Thanks Stewart!
>
> I expect the K3 in May or June and believe that he will be good
friends
> with my Acom 2000A...
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> --
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> 73,
> Hans Remeeus (PA1HR)
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> gw0etf schreef:
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> > Hans,
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> > and have no problems whatsoever. Normally use QSK also and never
had
> > any complaints from the amp even after doing the keying mod in
the K3
> > which brings the switching time down to about 8ms.
> >
> > Just the one keying line is used from KEYOUT on the K3 to KEY IN
on
> > the amp, couldn't be simpler.
> >
> > 73,
> > Stewart Rolfe, GW0ETF (K3 145)
> >
>

2675. Acom 1000 spare tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-11 10:58:14 UTC
From: pa7two
Topic: 2675 Message: 2675

Dear all,

I have some GU74B NOS tubes available again for who is in the need for
a spare tube for the ACOM amplifiers (or any other brand amp :-)) .

Contact me off-list via e-mail. My E-mail address also OK on QRZ.com

Vy 73, de Kees - pa7two

2676. ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-12 14:44:42 UTC
From: Richard Zalewski
Topic: 2676 Message: 2676

I had been getting all of the subject faults and was getting concerned. I am using a Pro3 to drive the 2000A. I decided to test it with just the Pro driving the ACOM into a 10KW dummy load. I ran some contest software and had it repeat a CQ with a 2 second delay. The error would should itself within 3 minutes.

After discussing this with Will I sent the amp back. Will at the time thought either a tube or maybe relay problem. After extensive testing there they could find nothing so the amp is on its way back to me. Will suggested two things. Either a bad coax drive cable from the Pro to the ACOM or unstable line voltage. It is not the latter. I have a hard time thinking that a coax (RG8) with 30 watts of drive would be the problem but I took the advice and have trashed that coax and replaced it with another after checking it physically for any problems.

Now the question. Has anyone else had similar problems? Solution or suggestions.

--
Tnx es 73
Dick W7ZR
www.w7zr.com

A balanced diet is a cookie in each hand

2677. RE: [acom-list] ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-12 23:39:41 UTC
From: Jim Idelson
Topic: 2676 Message: 2677

Definitely replace the cable. Suspect everything that connects to the amp rf connectors.

-----Original Message-----
From: "Richard Zalewski" <dick.w7zr@...>
To: acom-list@yahoogroups.com
Sent: 6/12/2008 10:44 AM
Subject: [acom-list] ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

I had been getting all of the subject faults and was getting
concerned. I am using a Pro3 to drive the 2000A. I decided to test
it with just the Pro driving the ACOM into a 10KW dummy load. I ran
some contest software and had it repeat a CQ with a 2 second delay.
The error would should itself within 3 minutes.

After discussing this with Will I sent the amp back. Will at the time
thought either a tube or maybe relay problem. After extensive testing
there they could find nothing so the amp is on its way back to me.
Will suggested two things. Either a bad coax drive cable from the Pro
to the ACOM or unstable line voltage. It is not the latter. I have a
hard time thinking that a coax (RG8) with 30 watts of drive would be
the problem but I took the advice and have trashed that coax and
replaced it with another after checking it physically for any
problems.

Now the question. Has anyone else had similar problems? Solution or
suggestions.

--
Tnx es 73
Dick W7
[truncated by sender]

2678. Re: ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 15:09:27 UTC
From: Dick Green
Topic: 2676 Message: 2678

Definitely replace the cable. But if that doesn't work, try it with a
different transceiver.

Your Pro3 could be producing a leading-edge spike. Low Gain means the
amp doesn't like the ratio of the input and output power. It's
possible the rig is producing a 150W-200W momentary spike, which can
happen if the internal ALC isn't adjusted correctly or has a faulty
design. I had a TS-950SDX that produced nasty leading-edge spikes
that big, and some ICOM rigs have that problem. The amp probably
wouldn't like a ratio such as 150W/1500W or worse.

My Alpha 87A used to get a low gain fault with the 950. Evidently,
the Alpha firmware checked for the low gain condition before checking
the drive level. Acom firmware is designed differently, so I don't
know if it would produce a low gain fault or an excessive drive fault
in response to a spike. Will might not know, but I'm sure Stan in
Bulgaria does.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...>
wrote:
>
> I had been getting all of the subject faults and was getting
> concerned. I am using a Pro3 to drive the 2000A. I decided to test
> it with just the Pro driving the ACOM into a 10KW dummy load. I ran
> some contest software and had it repeat a CQ with a 2 second delay.
> The error would should itself within 3 minutes.
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> thought either a tube or maybe relay problem. After extensive
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> there they could find nothing so the amp is on its way back to me.
> Will suggested two things. Either a bad coax drive cable from the
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> to the ACOM or unstable line voltage. It is not the latter. I
have a
> hard time thinking that a coax (RG8) with 30 watts of drive would be
> the problem but I took the advice and have trashed that coax and
> replaced it with another after checking it physically for any
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>
> Now the question. Has anyone else had similar problems? Solution
or
> suggestions.

>
> --
> Tnx es 73
> Dick W7ZR
> www.w7zr.com
>
> A balanced diet is a cookie in each hand
>

2679. re: [acom-list] Re: ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 15:55:18 UTC
From: Jim Idelson
Topic: 2676 Message: 2679

Dick makes an EXCELLENT point regarding the leading edge spike. Icom radios are particularly likely to produce this spike. I have experienced it many times with the IC781 in my shack and the way we control it is to adjust the rf power output control to the right level, but more importantly, the DRIVE control must be set properly. As you noted in your report, the problem may not appear immediately. I have seen the condition change over time - perhaps as a result of heat-related factors - so you may have to adjust the levels in response to different circumstances. You should feel good that the amp was certified as working fine when Will tested it.

73

Jim K1IR

> Definitely replace the cable. But if that doesn't work, try it with a different transceiver.

Your Pro3 could be producing a leading-edge spike. Low Gain means the amp doesn't like the ratio of the input and output power. It's possible the rig is producing a 150W-200W momentary spike, which can happen if the internal ALC isn't adjusted correctly or has a faulty design. I had a TS-950SDX that produced nasty leading-edge spikes that big, and some ICOM rigs have that problem. The amp probably wouldn't like a ratio such as 150W/1500W or worse.

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73, Dick WC1M

--- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...> wrote:
>
> I had been getting all of the subject faults and was getting
> concerned. I am using a Pro3 to drive the 2000A. I decided to test
> it with just the Pro driving the ACOM into a 10KW dummy load. I ran
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> replaced it with another after checking it physically for any
> problems.
>
> Now the question. Has anyone else had similar problems? Solution
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> suggestions.
>
> --
> Tnx es 73
> Dick W7ZR
> www.w7zr.com
>
> A balanced diet is a cookie in each hand
>

Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

2680. Re: [acom-list] Re: ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 17:10:24 UTC
From: Richard Zalewski
Topic: 2676 Message: 2680

Thanks for all of the tips. Keep them coming! The amp is due back
today. I am not using ALC between exciter and amp. This is suggested
in the manual. Should I consider that?

On Fri, Jun 13, 2008 at 8:55 AM, Jim Idelson <k1ir@...> wrote:
> Dick makes an EXCELLENT point regarding the leading edge spike. Icom radios
> are
> particularly likely to produce this spike. I have experienced it many times
> with the IC781 in my shack and the way we control it is to adjust the rf
> power
> output control to the right level, but more importantly, the DRIVE control
> must
> be set properly. As you noted in your report, the problem may not appear
> immediately. I have seen the condition change over time - perhaps as a
> result
> of heat-related factors - so you may have to adjust the levels in response
> to
> different circumstances. You should feel good that the amp was certified as
> working fine when Will tested it.
>
> 73
>
> Jim K1IR
>
>> Definitely replace the cable. But if that doesn't work, try it with a
> different transceiver.
>
> Your Pro3 could be producing a leading-edge spike. Low Gain means the
> amp doesn't like the ratio of the input and output power. It's
> possible the rig is producing a 150W-200W momentary spike, which can
> happen if the internal ALC isn't adjusted correctly or has a faulty
> design. I had a TS-950SDX that produced nasty leading-edge spikes
> that big, and some ICOM rigs have that problem. The amp probably
> wouldn't like a ratio such as 150W/1500W or worse.
>
> My Alpha 87A used to get a low gain fault with the 950. Evidently,
> the Alpha firmware checked for the low gain condition before checking
> the drive level. Acom firmware is designed differently, so I don't
> know if it would produce a low gain fault or an excessive drive fault
> in response to a spike. Will might not know, but I'm sure Stan in
> Bulgaria does.
>
> 73, Dick WC1M
>

> --- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...>
> wrote:
>>
>> I had been getting all of the subject faults and was getting
>> concerned. I am using a Pro3 to drive the 2000A. I decided to test
>> it with just the Pro driving the ACOM into a 10KW dummy load. I ran
>> some contest software and had it repeat a CQ with a 2 second delay.
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> Pro
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> have a
>> hard time thinking that a coax (RG8) with 30 watts of drive would be
>> the problem but I took the advice and have trashed that coax and
>> replaced it with another after checking it physically for any
>> problems.
>>
>> Now the question. Has anyone else had similar problems? Solution
> or
>> suggestions.
>>
>> --
>> Tnx es 73
>> Dick W7ZR
>> www.w7zr.com
>>
>> A balanced diet is a cookie in each hand
>>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> <
>
> Jim Idelson K1IR
> email k1ir at designet.com
> web http://www.k1ir.com
>
>

--
Tnx es 73
Dick W7ZR

www.w7zr.com

A balanced diet is a cookie in each hand

2681. Re: [acom-list] Re: ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 17:29:20 UTC
From: Paul M Dunphy
Topic: 2676 Message: 2681

At 02:10 PM 6/13/2008, you wrote:
>Thanks for all of the tips. Keep them coming! The amp is due back
>today. I am not using ALC between exciter and amp. This is suggested
>in the manual. Should I consider that?

Hi Dick,

I had something kind of similar with an ACOM-1000. It worked
fine on all HF bands, but if I exceeded 800 watts on 50-MHz, it
tripped out on oddball errors sort of like what you are describing.

It turned out to be RF getting into the amp and "confusing" the
microprocessor. Will was suspicious of this, and I tried a coaxial
choke at the antenna feed point. No luck. Tried putting those RF
cores (snap on chokes) on the coax (both RF in and RF out) at the
amp. No luck. It ended up bring a case of it getting in through the
240 VAC cord. I put an RF snap-on core on the AC line as close to
the amp as possible and this fixed the problem. So . . . look for RF
as well. (I'm driving a 1000 with a PROIII, so it's a similiar
configuration.)

If it does turn out to be a leading spike from the PROIII, you
likely can fix it by adding one of those amp relay buffers.

73, Paul VE1DX

2682. ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 19:57:38 UTC
From: JOEL
Topic: 2682 Message: 2682

ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a similar problem late last year. It appears that my Yaesu FT2000D was producing a "forward spike" that would shut down my Acom 2000 with a fault error. You can see the spike on a scope and sometimes on the small PCU display. There are two ways to get rid of the above problem;

1, If you're running a Yaesu FT-2000(D) or anything that produces a spike, you must cut down on the output of the Yaesu for example to about 50 watts. Not only cut down, but you must also adjust the internal menu number 142 (on the FT2000D) to allow no more than 50 watts.

2, Sometimes the above procedure will not work 100% of the time. However, I decided to use a small PC board made by a company in South America and sold here in the US. The product is called "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for about $39. Check it out as this is the only thing I came up with.

Joel Kornreich, K2QBV
K2QBV@...

[Non-text portions of this message have been removed]

2683. Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 20:44:32 UTC
From: Hans Remeeus
Topic: 2682 Message: 2683

Hello Joel,

Many thanks for this very interesting and important information about
the amplifier sequencer!

With my Acom 2000A and a few 200 Watt rigs I suffered power spikes too.
Never heard of the sequencer before.

--
73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

JOEL schreef:
> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a similar problem late last year. It appears that my Yaesu FT2000D was producing a "forward spike" that would shut down my Acom 2000 with a fault error. You can see the spike on a scope and sometimes on the small PCU display. There are two ways to get rid of the above problem;
>
> 1, If you're running a Yaesu FT-2000(D) or anything that produces a spike, you must cut down on the output of the Yaesu for example to about 50 watts. Not only cut down, but you must also adjust the internal menu number 142 (on the FT2000D) to allow no more than 50 watts.
>
> 2, Sometimes the above procedure will not work 100% of the time. However, I decided to use a small PC board made by a company in South America and sold here in the US. The product is called "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for about $39. Check it out as this is the only thing I came up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...
>
>

2684. Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 20:57:15 UTC
From: k1iig
Topic: 2682 Message: 2684

Joel,

Your response is very good. I have not had that problem but do know that a lot of radios DO NOT keep their instantaneous power to the proper level even though they are defined in the menus. The peak drive power can drive the Acom to unbelievable output power and most likely will shut down the Acom amps. I do not have that problem with my Pro3 or Ft847. The sequencer is a great idea and I use them in UHF for mast mounted preamps, there are many out there. With the problem obtaining new finals, great protection idea.

Steve
K1IIG

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a similar problem late last year. It appears that my Yaesu FT2000D was producing a "forward spike" that would shut down my Acom 2000 with a fault error. You can see the spike on a scope and sometimes on the small PCU display. There are two ways to get rid of the above problem;
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> 1, If you're running a Yaesu FT-2000(D) or anything that produces a spike, you must cut down on the output of the Yaesu for example to about 50 watts. Not only cut down, but you must also adjust the internal menu number 142 (on the FT2000D) to allow no more than 50 watts.
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> 2, Sometimes the above procedure will not work 100% of the time. However, I decided to use a small PC board made by a company in South America and sold here in the US. The product is called "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for about $39. Check it out as this is the only thing I came up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...
>
>
> [Non-text portions of this message have been removed]
>

2685. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 21:18:30 UTC
From: paul glassman
Topic: 2682 Message: 2685

has there been any news about the availability or
production of the gu74b's?

--- k1iig <stephen.tripp@...> wrote:

> Joel,
>
> Your response is very good. I have not had that
> problem but do know
> that a lot of radios DO NOT keep their instantaneous
> power to the
> proper level even though they are defined in the
> menus. The peak
> drive power can drive the Acom to unbelievable
> output power and most
> likely will shut down the Acom amps. I do not have
> that problem with
> my Pro3 or Ft847. The sequencer is a great idea and
> I use them in
> UHF for mast mounted preamps, there are many out
> there. With the
> problem obtaining new finals, great protection idea.
>
> Steve
> K1IIG
>
>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...>
> wrote:
> >
> > ACOM 2000 OWNERS.....As a new owner of an Acom
> 2000A, I had a
> similar problem late last year. It appears that my
> Yaesu FT2000D was
> producing a "forward spike" that would shut down my
> Acom 2000 with a
> fault error. You can see the spike on a scope and
> sometimes on the
> small PCU display. There are two ways to get rid of
> the above
> problem;
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> anything that produces

> a spike, you must cut down on the output of the
> Yaesu for example to
> about 50 watts. Not only cut down, but you must
> also adjust the
> internal menu number 142 (on the FT2000D) to allow
> no more than 50
> watts.
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> > 2, Sometimes the above procedure will not work
> 100% of the time.
> However, I decided to use a small PC board made by a
> company in
> South America and sold here in the US. The product
> is
> called "AMPLIFIER SEQUENCER and made by NETCERTUS
> (www.netcertus.com) and sells for about $39. Check
> it out as this
> is the only thing I came up with.
> >
> > Joel Kornreich, K2QBV
> > K2QBV@...
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
>
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2686. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 21:37:46 UTC
From: Richard Zalewski
Topic: 2682 Message: 2686

I have thought about a sequencer for the PROIII and 2000A and have
been advised by more than one that it was not necessary. I looked at
the Ameritron ARB704 amoung others. The fault problem here shows up
on cw and ssb.

On Fri, Jun 13, 2008 at 1:57 PM, k1iig <stephen.tripp@...> wrote:
> Joel,
>
> Your response is very good. I have not had that problem but do know
> that a lot of radios DO NOT keep their instantaneous power to the
> proper level even though they are defined in the menus. The peak
> drive power can drive the Acom to unbelievable output power and most
> likely will shut down the Acom amps. I do not have that problem with
> my Pro3 or Ft847. The sequencer is a great idea and I use them in
> UHF for mast mounted preamps, there are many out there. With the
> problem obtaining new finals, great protection idea.
>
> Steve
> K1IIG
>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>>
>> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D was
> producing a "forward spike" that would shut down my Acom 2000 with a
> fault error. You can see the spike on a scope and sometimes on the
> small PCU display. There are two ways to get rid of the above
> problem;
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>> 1, If you're running a Yaesu FT-2000(D) or anything that produces
> a spike, you must cut down on the output of the Yaesu for example to
> about 50 watts. Not only cut down, but you must also adjust the
> internal menu number 142 (on the FT2000D) to allow no more than 50
> watts.
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> However, I decided to use a small PC board made by a company in
> South America and sold here in the US. The product is
> called "AMPLIFIER SEQUENCER and made by NETCERTUS
> (www.netcertus.com) and sells for about $39. Check it out as this
> is the only thing I came up with.
>>
>> Joel Kornreich, K2QBV
>> K2QBV@...

>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>

--
Tnx es 73
Dick W7ZR
www.w7zr.com

A balanced diet is a cookie in each hand

2687. Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 22:05:21 UTC
From: g4wjs
Topic: 2682 Message: 2687

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
Hi Joel

Tnx QSO this morning!

I thought Amp sequencers were designed to avoid hot switching by keying the amplifier BEFORE the transmitter, surely this can't help with power spikes?

73
Bill
G4WJS

>
> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a similar problem late last year. It appears that my Yaesu FT2000D was producing a "forward spike" that would shut down my Acom 2000 with a fault error. You can see the spike on a scope and sometimes on the small PCU display. There are two ways to get rid of the above problem;
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> 1, If you're running a Yaesu FT-2000(D) or anything that produces a spike, you must cut down on the output of the Yaesu for example to about 50 watts. Not only cut down, but you must also adjust the internal menu number 142 (on the FT2000D) to allow no more than 50 watts.
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> 2, Sometimes the above procedure will not work 100% of the time. However, I decided to use a small PC board made by a company in South America and sold here in the US. The product is called "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for about $39. Check it out as this is the only thing I came up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...

2688. GU74B availability

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 22:57:21 UTC
From: Brian Alsop
Topic: 2682 Message: 2688

Paul et al,

I received the follow email a few days ago.

I'm sure this firm will accept more orders.

(not associated with them in any way)

73 de Brian/K3KO

Hello Brian

Our tester is up and running and your tube will ship tomorrow via Royal Mail Air Express packet.

73
Ron
Vine Antennas Ltd
www.vinecom.co.uk
Tel in UK 01691 831111, outside UK +44 1691 831111
Fax in UK 01691 831386, outside UK +44 1691 831386
The latest addition to our extensive list of products is the EXPERT 1K-FA KW automatic amplifier. See our website for more..

paul glassman wrote:

>has there been any news about the availability or
>production of the gu74b's?
>
>
>--- k1iig <stephen.tripp@...> wrote:
>
>
>

2689. Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 23:00:03 UTC
From: Frank J. Connelly
Topic: 2682 Message: 2689

You should also be able to use the new Heil foot switch which will
key the amp a few milliseconds before the rig is keyed.

Frank, W7ND

On Jun 13, 2008, at 1:57 PM, JOEL wrote:

> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D
> was producing a "forward spike" that would shut down my Acom 2000
> with a fault error. You can see the spike on a scope and sometimes
> on the small PCU display. There are two ways to get rid of the
> above problem;
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> spike, you must cut down on the output of the Yaesu for example to
> about 50 watts. Not only cut down, but you must also adjust the
> internal menu number 142 (on the FT2000D) to allow no more than 50
> watts.
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> 2, Sometimes the above procedure will not work 100% of the time.
> However, I decided to use a small PC board made by a company in
> South America and sold here in the US. The product is called
> "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and
> sells for about $39. Check it out as this is the only thing I came
> up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

2690. Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-13 23:07:07 UTC
From: Brian Alsop
Topic: 2682 Message: 2690

It seems that most are missing the problem. Having the amp already in
the xmit mode doesn't solve it- be it via sequencer, foot switch or
whatever.

It is not a hot switching problem. It is a problem with the exciter
putting out 100+ watts of drive at the beginning of the first CW character.
This trips the amp. A scope will show such a spike on many rigs. Beg
or borrow an oscilloscope to confirm the problem if you suspect it.

Somehow one must reduce the amount of the spike to solve the problem.
That may mean relegating some rigs to the trash bin.

A sequencer that perhaps dumps the first few ms of power from the
exciter to a dummy load might work, however, the problem is not one of
sequencing.

73 de Brian/K3KO

Frank J. Connelly wrote:

>You should also be able to use the new Heil foot switch which will
>key the amp a few milliseconds before the rig is keyed.
>
>Frank, W7ND
>
>On Jun 13, 2008, at 1:57 PM, JOEL wrote:
>
>
>
>>ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
>>similar problem late last year. It appears that my Yaesu FT2000D
>>was producing a "forward spike" that would shut down my Acom 2000
>>with a fault error. You can see the spike on a scope and sometimes
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>>1, If you're running a Yaesu FT-2000(D) or anything that produces a
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>>2, Sometimes the above procedure will not work 100% of the time.
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>>South America and sold here in the US. The product is called
>>"AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and

>>sells for about $39. Check it out as this is the only thing I came
>>up with.
>>
>>Joel Kornreich, K2QBV
>>K2QBV@...
>>
>>[Non-text portions of this message have been removed]
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>[Non-text portions of this message have been removed]
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2691. Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:04:47 UTC
From: JOEL
Topic: 2682 Message: 2691

I tried the Heil foot switch and that did not do the trick entirely. It did help just a small amount. The amp sequencer got rid of the forward spike problem atleast in my mind. It may not have taken care of the reason for the spike but who cares for I no longer have to think about it until it was just brought up on here. Hey, for a big $39. who cares.

Joel, K2QBV

----- Original Message -----
From: Frank J. Connelly
To: acom-list@yahoogroups.com
Sent: Friday, June 13, 2008 7:00 PM
Subject: Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

You should also be able to use the new Heil foot switch which will
key the amp a few milliseconds before the rig is keyed.

Frank, W7ND

On Jun 13, 2008, at 1:57 PM, JOEL wrote:

> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D
> was producing a "forward spike" that would shut down my Acom 2000
> with a fault error. You can see the spike on a scope and sometimes
> on the small PCU display. There are two ways to get rid of the
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> 1, If you're running a Yaesu FT-2000(D) or anything that produces a
> spike, you must cut down on the output of the Yaesu for example to
> about 50 watts. Not only cut down, but you must also adjust the
> internal menu number 142 (on the FT2000D) to allow no more than 50
> watts.
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> 2, Sometimes the above procedure will not work 100% of the time.
> However, I decided to use a small PC board made by a company in
> South America and sold here in the US. The product is called
> "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and
> sells for about $39. Check it out as this is the only thing I came
> up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2692. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:09:52 UTC
From: JOEL
Topic: 2682 Message: 2692

Read the specs over carefully for the 20-60 ms is what's needed. When I got my Acom 2000 I went crazy trying to solve the problem. The pc board is the closest I've come where I now do not have the problem.

Joel, K2QBV

----- Original Message -----
From: g4wjs
To: acom-list@yahoogroups.com
Sent: Friday, June 13, 2008 6:05 PM
Subject: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
Hi Joel

Tnx QSO this morning!

I thought Amp sequencers were designed to avoid hot switching by keying the amplifier BEFORE the transmitter, surely this can't help with power spikes?

73
Bill
G4WJS

>
> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a similar problem late last year. It appears that my Yaesu FT2000D was producing a "forward spike" that would shut down my Acom 2000 with a fault error. You can see the spike on a scope and sometimes on the small PCU display. There are two ways to get rid of the above problem;
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> 1, If you're running a Yaesu FT-2000(D) or anything that produces a spike, you must cut down on the output of the Yaesu for example to about 50 watts. Not only cut down, but you must also adjust the internal menu number 142 (on the FT2000D) to allow no more than 50 watts.
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> 2, Sometimes the above procedure will not work 100% of the time. However, I decided to use a small PC board made by a company in South America and sold here in the US. The product is called "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for about $39. Check it out as this is the only thing I came up with.
>
> Joel Kornreich, K2QBV
> K2QBV@...

[Non-text portions of this message have been removed]

2693. RE: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:18:42 UTC
From: N2TK
Topic: 2682 Message: 2693

By any chance is this a problem of the amp being keyed too slowly?
I assume you are using the amp key line from the rig. Is this a relay that is keying the amp? If so, is there a faster signal on the back of the rig that you could use to drive a power mosfet to key the amp? It might turn on the amp quicker which may help the problem of the initial spike of RF? I used to do this with Kenwood rigs. The amp keying relay was too slow. Used "transmit on" to drive a mosfet which turned on the amp.

At one time I had a problem with the Alpha detecting RF before the relays in the amp were closed. The mosfet took care of that issue.
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of JOEL
Sent: Friday, June 13, 2008 8:05 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

I tried the Heil foot switch and that did not do the trick entirely. It did help just a small amount. The amp sequencer got rid of the forward spike problem atleast in my mind. It may not have taken care of the reason for the spike but who cares for I no longer have to think about it until it was just brought up on here. Hey, for a big $39. who cares.

Joel, K2QBV

----- Original Message -----
From: Frank J. Connelly
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Sent: Friday, June 13, 2008 7:00 PM
Subject: Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

You should also be able to use the new Heil foot switch which will key the amp a few milliseconds before the rig is keyed.

Frank, W7ND

On Jun 13, 2008, at 1:57 PM, JOEL wrote:

> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D
> was producing a "forward spike" that would shut down my Acom 2000
> with a fault error. You can see the spike on a scope and sometimes
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> above problem;

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> 1, If you're running a Yaesu FT-2000(D) or anything that produces a
> spike, you must cut down on the output of the Yaesu for example to
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> 2, Sometimes the above procedure will not work 100% of the time.
> However, I decided to use a small PC board made by a company in
> South America and sold here in the US. The product is called
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> sells for about $39. Check it out as this is the only thing I came
> up with.
>
> Joel Kornreich, K2QBV
> K2QBV@OPTONLINE. <mailto:K2QBV%40OPTONLINE.NET> NET
>
> [Non-text portions of this message have been removed]
>
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>

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[Non-text portions of this message have been removed]

2694. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:19:08 UTC
From: JOEL
Topic: 2682 Message: 2694

Dear Paul,

Read my past e mails to the reflector for I fully explained everything in detail.

The company in the UK has picked up atleast 100 plus orders for the GU74B and after testing is shipping same now. Look up VINE ANTENNAS (www.vinecom.co.uk) and take a look at their new GU74B tester just finished. Ron has access to purchasing the tube, matching and testing, etc.

Joel, K2QBV

----- Original Message -----
From: paul glassman
To: acom-list@yahoogroups.com
Sent: Friday, June 13, 2008 5:18 PM
Subject: Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

has there been any news about the availability or
production of the gu74b's?

--- k1iig <stephen.tripp@...> wrote:

> Joel,
>
> Your response is very good. I have not had that
> problem but do know
> that a lot of radios DO NOT keep their instantaneous
> power to the
> proper level even though they are defined in the
> menus. The peak
> drive power can drive the Acom to unbelievable
> output power and most
> likely will shut down the Acom amps. I do not have
> that problem with
> my Pro3 or Ft847. The sequencer is a great idea and
> I use them in
> UHF for mast mounted preamps, there are many out
> there. With the
> problem obtaining new finals, great protection idea.
>
> Steve
> K1IIG
>
>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...>

> wrote:
> >
> > ACOM 2000 OWNERS.....As a new owner of an Acom
> 2000A, I had a
> similar problem late last year. It appears that my
> Yaesu FT2000D was
> producing a "forward spike" that would shut down my
> Acom 2000 with a
> fault error. You can see the spike on a scope and
> sometimes on the
> small PCU display. There are two ways to get rid of
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> watts.
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> 100% of the time.
> However, I decided to use a small PC board made by a
> company in
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> it out as this
> is the only thing I came up with.
> >
> > Joel Kornreich, K2QBV
> > K2QBV@...
> >
> >
> > [Non-text portions of this message have been
> removed]
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Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

[Non-text portions of this message have been removed]

2695. Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:21:11 UTC
From: JOEL
Topic: 2682 Message: 2695

Look at the AMPLIFIER SEQUENCER, it tells it all. NO RELAYS.

Joel, K2QBV

----- Original Message -----
From: N2TK
To: acom-list@yahoogroups.com
Sent: Friday, June 13, 2008 8:18 PM
Subject: RE: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

By any chance is this a problem of the amp being keyed too slowly?
I assume you are using the amp key line from the rig. Is this a relay that is keying the amp? If so, is there a faster signal on the back of the rig that you could use to drive a power mosfet to key the amp? It might turn on the amp quicker which may help the problem of the initial spike of RF? I used to do this with Kenwood rigs. The amp keying relay was too slow. Used "transmit on" to drive a mosfet which turned on the amp.

At one time I had a problem with the Alpha detecting RF before the relays in the amp were closed. The mosfet took care of that issue.
N2TK, Tony

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of JOEL
Sent: Friday, June 13, 2008 8:05 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

I tried the Heil foot switch and that did not do the trick entirely. It did help just a small amount. The amp sequencer got rid of the forward spike problem atleast in my mind. It may not have taken care of the reason for the spike but who cares for I no longer have to think about it until it was just brought up on here. Hey, for a big $39. who cares.

Joel, K2QBV

----- Original Message -----
From: Frank J. Connelly
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Sent: Friday, June 13, 2008 7:00 PM
Subject: Re: [acom-list] ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

You should also be able to use the new Heil foot switch which will key the amp a few milliseconds before the rig is keyed.

Frank, W7ND

On Jun 13, 2008, at 1:57 PM, JOEL wrote:

> ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D
> was producing a "forward spike" that would shut down my Acom 2000
> with a fault error. You can see the spike on a scope and sometimes
> on the small PCU display. There are two ways to get rid of the
> above problem;
>
> 1, If you're running a Yaesu FT-2000(D) or anything that produces a
> spike, you must cut down on the output of the Yaesu for example to
> about 50 watts. Not only cut down, but you must also adjust the
> internal menu number 142 (on the FT2000D) to allow no more than 50
> watts.
>
> 2, Sometimes the above procedure will not work 100% of the time.
> However, I decided to use a small PC board made by a company in
> South America and sold here in the US. The product is called
> "AMPLIFIER SEQUENCER and made by NETCERTUS (www.netcertus.com) and
> sells for about $39. Check it out as this is the only thing I came
> up with.
>
> Joel Kornreich, K2QBV
> K2QBV@OPTONLINE. <mailto:K2QBV%40OPTONLINE.NET> NET
>
> [Non-text portions of this message have been removed]
>
>
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2696. Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 00:46:20 UTC
From: g4wjs
Topic: 2682 Message: 2696

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
> Read the specs over carefully for the 20-60 ms is what's needed.
When I got my Acom 2000 I went crazy trying to solve the problem. The
pc board is the closest I've come where I now do not have the problem.

I first came across this problem when I had to borrow an Icom 706 MkI
for a contest when my IC756 was out of action. The 706 was UNUSABLE
with my Acom 1000 on CW because this radio has a major (well known)
fault with its TX power control circuit. When keyed on CW the first
dot or dash starts at full power (100W) then within a couple of
milliseconds drops to the level set by the power control.

I see that the sequencer you have modifies the cw keying waveform to
delay the key down, if it keys the radio with the PTT after keying the
amplifier, then later keys the CW keying line of the radio then I can
see this would help as it would give the power control circuit time to
settle before any drive is applied to the radio PA. The compromise
must either be a slightly truncated first dit or dah - or slightly
delayed CW. I assume this is acceptable.

On phone (if the problem exists on phone) then the sequencer circuit
probably doesn't help, but then on SSB at least the O/P will not jump
straight to max unless you are shouting while keying the mic. Although
I would be concerned about the physical noise of the mic switch itself
especially with the compressor engaged!

The real problem here is with too long a time constant on the power
control feedback circuit on the radio. This long time constant, if
deliberate, is probably to slug an instability in the power control
feedback circuit. I would be unhappy with the workaround this
sequencer gives as short spikes are still possible on SSB at key down
and may still be there on CW. These spikes will be detrimental to the
valve(s) no matter how short they are.

73
Bill
G4WJS

>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: g4wjs
> To: acom-list@yahoogroups.com

> Sent: Friday, June 13, 2008 6:05 PM
> Subject: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM
>
>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
> Hi Joel
>
> Tnx QSO this morning!
>
> I thought Amp sequencers were designed to avoid hot switching by
> keying the amplifier BEFORE the transmitter, surely this can't help
> with power spikes?
>
> 73
> Bill
> G4WJS
>
> >
> > ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
> similar problem late last year. It appears that my Yaesu FT2000D was
> producing a "forward spike" that would shut down my Acom 2000 with a
> fault error. You can see the spike on a scope and sometimes on the
> small PCU display. There are two ways to get rid of the above problem;
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> > 1, If you're running a Yaesu FT-2000(D) or anything that produces a
> spike, you must cut down on the output of the Yaesu for example to
> about 50 watts. Not only cut down, but you must also adjust the
> internal menu number 142 (on the FT2000D) to allow no more than 50
watts.
> >
> > 2, Sometimes the above procedure will not work 100% of the time.
> However, I decided to use a small PC board made by a company in South
> America and sold here in the US. The product is called "AMPLIFIER
> SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for
> about $39. Check it out as this is the only thing I came up with.
> >
> > Joel Kornreich, K2QBV
> > K2QBV@
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2697. Re: [acom-list] GU74B availability

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 01:55:10 UTC
From: paul glassman
Topic: 2682 Message: 2697

hi brian,
does this mean they are selling russian gu74b
surplus and can test before shipping or they are
manufacturing new tubes?
73 paul w8jn

--- Brian Alsop <alsopb@...> wrote:

> Paul et al,
>
> I received the follow email a few days ago.
>
> I'm sure this firm will accept more orders.
>
> (not associated with them in any way)
>
> 73 de Brian/K3KO
>
> Hello Brian
>
> Our tester is up and running and your tube will ship
> tomorrow via Royal Mail Air Express packet.
>
> 73
> Ron
> Vine Antennas Ltd
> www.vinecom.co.uk
> Tel in UK 01691 831111, outside UK +44 1691 831111
> Fax in UK 01691 831386, outside UK +44 1691 831386
> The latest addition to our extensive list of
> products is the EXPERT 1K-FA KW automatic amplifier.
> See our website for more..
>
>
>
>
> paul glassman wrote:
>
> >has there been any news about the availability or
> >production of the gu74b's?
> >
> >
> >--- k1iig <stephen.tripp@...> wrote:
> >
> >

> >
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2698. Re: ARC Fault - Low Gain Fault - PROT Fault ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 16:09:31 UTC
From: Dick Green
Topic: 2676 Message: 2698

> Thanks for all of the tips. Keep them coming! The amp is due back
> today. I am not using ALC between exciter and amp. This is suggested
> in the manual. Should I consider that?

You can try it, but I don't think it will help.

Leading-edge spikes have a very fast rise time. The internal ALC
circuits of some transceivers don't kick in fast enough to limit the
leading edge spike, hence the problem. Two things have to happen for
the ALC feedback loop between the rig and amp to work: the amp has to
be fast enough to detect the overdrive and assert the negative feedback
voltage, and the rig has to be fast enough to detect and react to the
negative feedback voltage. All this has to happen before the drive
exceeds the amp's tolerance.

You may have other problems if you use ALC. Amp manufacturers generally
discourage use of ALC because it can result in non-linear operation.
The two ALC cicuits really need to be designed together to work
properly.

73, Dick WC1M

2699. RE: [acom-list] Re: ACOM 2000A Availability of gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 19:36:51 UTC
From: Ron NØAT
Topic: 2682 Message: 2699

At the Dayton Hamvention there was a company selling amplifiers using the gu74b tube. I believe it was an Australian company, but I am not sure. When asked about the availability of the tube, the gentleman at the booth said they have no problems getting them. He said he would sell me as many as I wanted for $250 each.

I didn☐t follow up on this, so I don☐t know for sure if what he said is factual.

73 de Ron NØAT

has there been any news about the availability or production of the gu74b's?

--- k1iig <stephen.tripp@s <mailto:stephen.tripp%40snet.net> > wrote:

[Non-text portions of this message have been removed]

2700. Re: [acom-list] Re: ACOM 2000A Availability of gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 19:47:39 UTC
From: JOEL
Topic: 2682 Message: 2700

Rudy at EMTROM from Australia indicated there were no more GU74B tubes for sale with his amplifiers. He also stated that he is changing the tube final(s) to the 4CX1500A tube as per his booth in Dayton.

GU74B(s) are available from Vine Antennas in the UK. Read my old e mails and obtain the infomation necessary. Only NOS tubes are available today.

Joel, K2QBV

----- Original Message -----
From: Ron NØAT
To: acom-list@yahoogroups.com
Sent: Saturday, June 14, 2008 3:36 PM
Subject: RE: [acom-list] Re: ACOM 2000A Availability of gu74b

At the Dayton Hamvention there was a company selling amplifiers using the gu74b tube. I believe it was an Australian company, but I am not sure. When asked about the availability of the tube, the gentleman at the booth said they have no problems getting them. He said he would sell me as many as I wanted for $250 each.

I didn't follow up on this, so I don't know for sure if what he said is factual.

73 de Ron NØAT

has there been any news about the availability or
production of the gu74b's?

--- k1iig <stephen.tripp@s <mailto:stephen.tripp%40snet.net> > wrote:

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2701. RE: [acom-list] Re: ACOM 2000A Availability of gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-14 20:19:56 UTC
From: Kees - pa7two
Topic: 2682 Message: 2701

Dear all,

Also I have (again) some NOS GU74B available for the HAMs who need some spare.

Please contact me off-line, at my e-mail address. E-mail address can be found on www.QRZ.com

Vy 73, de Kees - pa7two

To: acom-list@yahoogroups.comFrom: N0AT@...: Sat, 14 Jun 2008 14:36:51 -0500Subject: RE: [acom-list] Re: ACOM 2000A Availability of gu74b

At the Dayton Hamvention there was a company selling amplifiers using thegu74b tube. I believe it was an Australian company, but I am not sure.When asked about the availability of the tube, the gentleman at the boothsaid they have no problems getting them. He said he would sell me as manyas I wanted for $250 each.I didn?t follow up on this, so I don?t know for sure if what he said isfactual.73 de Ron N?AThas there been any news about the availability orproduction of the gu74b's?--- k1iig <stephen.tripp@s <mailto:stephen.tripp%40snet.net> > wrote:[Non-text portions of this message have been removed]

_____
Search that pays you back! Introducing Live Search cashback.
http://search.live.com/cashback/?&pkw=form=MIJAAF/publ=HMTGL/crea=srchpaysyouback

[Non-text portions of this message have been removed]

2702. RE: [acom-list] Re: ACOM 2000A Availability of gu74b

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-17 02:14:46 UTC
From: Ron NØAT
Topic: 2682 Message: 2702

Tonight I spoke with my friends who were with me at Dayton, to see if they remember more about the conversation we had with the EMTROM guys. The guys in the booth had Russian accents. The tubes they were talking about are the 4CX800□s not the GU74b. They said they are available for $250 each.

Maybe they didn□t know what they were talking about.

73 de Ron NØAT

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of JOEL
Sent: Saturday, June 14, 2008 14:48
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: ACOM 2000A Availability of gu74b

Rudy at EMTROM from Australia indicated there were no more GU74B tubes for sale with his amplifiers. He also stated that he is changing the tube final(s) to the 4CX1500A tube as per his booth in Dayton.

GU74B(s) are available from Vine Antennas in the UK. Read my old e mails and obtain the infomation necessary. Only NOS tubes are available today.

Joel, K2QBV

----- Original Message -----
From: Ron NØAT
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Sent: Saturday, June 14, 2008 3:36 PM
Subject: RE: [acom-list] Re: ACOM 2000A Availability of gu74b

At the Dayton Hamvention there was a company selling amplifiers using the gu74b tube. I believe it was an Australian company, but I am not sure. When asked about the availability of the tube, the gentleman at the booth said they have no problems getting them. He said he would sell me as many as I wanted for $250 each.

I didn't follow up on this, so I don't know for sure if what he said is factual.

73 de Ron NØAT

has there been any news about the availability or
production of the gu74b's?

--- k1iig <stephen.tripp@s <mailto:stephen.tripp%40snet.net> > wrote:

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2703. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-17 23:47:07 UTC
From: Richard Zalewski
Topic: 2682 Message: 2703

I have posted on my web site the findings to date. I have not solved the problem but at this time believe it is not a forward spike problem. Go to www.w7zr.com and click on ACOM page.

On Fri, Jun 13, 2008 at 5:46 PM, g4wjs <bill.8@...> wrote:
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>>
>> Read the specs over carefully for the 20-60 ms is what's needed.
> When I got my Acom 2000 I went crazy trying to solve the problem. The
> pc board is the closest I've come where I now do not have the problem.
>
> I first came across this problem when I had to borrow an Icom 706 MkI
> for a contest when my IC756 was out of action. The 706 was UNUSABLE
> with my Acom 1000 on CW because this radio has a major (well known)
> fault with its TX power control circuit. When keyed on CW the first
> dot or dash starts at full power (100W) then within a couple of
> milliseconds drops to the level set by the power control.
>
> I see that the sequencer you have modifies the cw keying waveform to
> delay the key down, if it keys the radio with the PTT after keying the
> amplifier, then later keys the CW keying line of the radio then I can
> see this would help as it would give the power control circuit time to
> settle before any drive is applied to the radio PA. The compromise
> must either be a slightly truncated first dit or dah - or slightly
> delayed CW. I assume this is acceptable.
>
> On phone (if the problem exists on phone) then the sequencer circuit
> probably doesn't help, but then on SSB at least the O/P will not jump
> straight to max unless you are shouting while keying the mic. Although
> I would be concerned about the physical noise of the mic switch itself
> especially with the compressor engaged!
>
> The real problem here is with too long a time constant on the power
> control feedback circuit on the radio. This long time constant, if
> deliberate, is probably to slug an instability in the power control
> feedback circuit. I would be unhappy with the workaround this
> sequencer gives as short spikes are still possible on SSB at key down
> and may still be there on CW. These spikes will be detrimental to the
> valve(s) no matter how short they are.
>
> 73
> Bill
> G4WJS
>

>>
>> Joel, K2QBV
>>
>>
>> ----- Original Message -----
>> From: g4wjs
>> To: acom-list@yahoogroups.com
>> Sent: Friday, June 13, 2008 6:05 PM
>> Subject: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM
>>
>>
>> --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
>> Hi Joel
>>
>> Tnx QSO this morning!
>>
>> I thought Amp sequencers were designed to avoid hot switching by
>> keying the amplifier BEFORE the transmitter, surely this can't help
>> with power spikes?
>>
>> 73
>> Bill
>> G4WJS
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>> >
>> > ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
>> similar problem late last year. It appears that my Yaesu FT2000D was
>> producing a "forward spike" that would shut down my Acom 2000 with a
>> fault error. You can see the spike on a scope and sometimes on the
>> small PCU display. There are two ways to get rid of the above problem;
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>> > 1, If you're running a Yaesu FT-2000(D) or anything that produces a
>> spike, you must cut down on the output of the Yaesu for example to
>> about 50 watts. Not only cut down, but you must also adjust the
>> internal menu number 142 (on the FT2000D) to allow no more than 50
> watts.
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>> > 2, Sometimes the above procedure will not work 100% of the time.
>> However, I decided to use a small PC board made by a company in South
>> America and sold here in the US. The product is called "AMPLIFIER
>> SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for
>> about $39. Check it out as this is the only thing I came up with.
>> >
>> > Joel Kornreich, K2QBV
>> > K2QBV@
>>
>>
>>
>>
>>

>>
>> [Non-text portions of this message have been removed]
>>
>
>

--
Tnx es 73
Dick W7ZR
www.w7zr.com

A balanced diet is a cookie in each hand

2704. Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-18 16:51:51 UTC
From: Dick Green
Topic: 2682 Message: 2704

The table at the end indicates the problem only occurs on 10m. Is
that correct?

Have you tuned the amp for each of the antennas? The DRIVE and PLATE
lighs might be coming on at 1.9 KW if the amp is not tuned properly.

73, Dick WC1M

--- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...>
wrote:
>
> I have posted on my web site the findings to date. I have not
solved
> the problem but at this time believe it is not a forward spike
> problem. Go to www.w7zr.com and click on ACOM page.
>
>
> On Fri, Jun 13, 2008 at 5:46 PM, g4wjs <bill.8@...> wrote:
> > --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
> >>
> >> Read the specs over carefully for the 20-60 ms is what's needed.
> > When I got my Acom 2000 I went crazy trying to solve the problem.
The
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> > I first came across this problem when I had to borrow an Icom 706
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Although
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> > The real problem here is with too long a time constant on the
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> > feedback circuit. I would be unhappy with the workaround this
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> > valve(s) no matter how short they are.
> >
> > 73
> > Bill
> > G4WJS
> >
> >>
> >> Joel, K2QBV
> >>
> >>
> >> ----- Original Message -----
> >> From: g4wjs
> >> To: acom-list@yahoogroups.com
> >> Sent: Friday, June 13, 2008 6:05 PM
> >> Subject: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE
PROBLEM
> >>
> >>
> >> --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
> >> Hi Joel
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> >> Tnx QSO this morning!
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> >> I thought Amp sequencers were designed to avoid hot switching by
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> >> > ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
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> >> However, I decided to use a small PC board made by a company in
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> >> SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for
> >> about $39. Check it out as this is the only thing I came up with.
> >> >
> >> > Joel Kornreich, K2QBV
> >> > K2QBV@
> >>
> >>
> >>
> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
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>
>
>
> --
> Tnx es 73

> Dick W7ZR
> www.w7zr.com
>
> A balanced diet is a cookie in each hand
>

2705. GU74B for sale - PA7TWO

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-18 17:34:15 UTC
From: Kees - pa7two
Topic: 2705 Message: 2705

Dear all, I have some new tube stock: 10 x GU74B NOS, all NOS / unused. Please contact me off-line via my e-mail address for more details (e-mail address also OK on www.QRZ.com) in case you need some spare tubes. Vy 73, de Kees Member of an all HAM familyAmateurRadio : PA7TWO - M5TWO Locator: JO22jp

_____
Earn cashback on your purchases with Live Search - the search that pays you back!
http://search.live.com/cashback/?&pkw=form=MIJAAF/publ=HMTGL/crea=earncashback

[Non-text portions of this message have been removed]

2706. Re: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE PROBLEM FINAL RESULTS

Yahoo group: acom-list (1999 — 2009)
Date: 2008-06-18 20:30:40 UTC
From: Richard Zalewski
Topic: 2706 Message: 2706

ACOM 2000a troubleshooting

The problems I was experiencing have been resolved. I wish to thank all who contributed their ideas. I would specially like to thank Will at ACOM for his help. As Will stated he just wants a happy customer and I could not be more happy with the service he and the company provided. One more individual who provided a great many suggestions was Adam VA7OJ. He gave me many ideas in how to approach the problem. Finally my friend Jim W7EJ who spent hours with me on Skype as we ran different tests.

The original problem was a Protection ARC Fault or a Protection Low Gain Fault. Both of these appeared to be intertwined. ACOM went through the amplifier and did not find anything after extensive testing. Per Will's suggestion when I received the amplifier back I replaced the RF drive cable from the ICOM Pro III to the amp. As in the past I placed several Type 31 ferrite beads on both the input and the output to the amplifier. Now I also added the ferrite beads to the 240v power cord and the keying line to the amp.

A very important step was to first retune my SteppIR antenna on each band. Then I retuned the amplifier for each band segment. At this point I could not get the amplifier to fail. Nor did I want it to fail!

Now for a couple of tips I picked up:

Want to know how many hours on your Acom 2000A? With the power switch on in the Amplifier but the remote control unit power off hit <Enter>. Read the number of hours on your amp.

Want to reset the amplifier to factory defaults? Perform step above because once you do this the hours get set to 0. Then turn off the power switch at the amp. Hold down the <ESC> on the RCU and turn the main power switch on the amp at the same time.

On Wed, Jun 18, 2008 at 9:51 AM, Dick Green <wc1m@...> wrote:
> The table at the end indicates the problem only occurs on 10m. Is
> that correct?
>
> Have you tuned the amp for each of the antennas? The DRIVE and PLATE
> lighs might be coming on at 1.9 KW if the amp is not tuned properly.
>
> 73, Dick WC1M
>

> --- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...>
> wrote:
>
>>
>> I have posted on my web site the findings to date. I have not
> solved
>> the problem but at this time believe it is not a forward spike
>> problem. Go to www.w7zr.com and click on ACOM page.
>>
>>
>> On Fri, Jun 13, 2008 at 5:46 PM, g4wjs <bill.8@...> wrote:
>> > --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
>> >>
>> >> Read the specs over carefully for the 20-60 ms is what's needed.
>> > When I got my Acom 2000 I went crazy trying to solve the problem.
> The
>> > pc board is the closest I've come where I now do not have the
> problem.
>> >
>> > I first came across this problem when I had to borrow an Icom 706
> MkI
>> > for a contest when my IC756 was out of action. The 706 was
> UNUSABLE
>> > with my Acom 1000 on CW because this radio has a major (well
> known)
>> > fault with its TX power control circuit. When keyed on CW the
> first
>> > dot or dash starts at full power (100W) then within a couple of
>> > milliseconds drops to the level set by the power control.
>> >
>> > I see that the sequencer you have modifies the cw keying waveform
> to
>> > delay the key down, if it keys the radio with the PTT after
> keying the
>> > amplifier, then later keys the CW keying line of the radio then I
> can
>> > see this would help as it would give the power control circuit
> time to
>> > settle before any drive is applied to the radio PA. The compromise
>> > must either be a slightly truncated first dit or dah - or slightly
>> > delayed CW. I assume this is acceptable.
>> >
>> > On phone (if the problem exists on phone) then the sequencer
> circuit
>> > probably doesn't help, but then on SSB at least the O/P will not
> jump
>> > straight to max unless you are shouting while keying the mic.
> Although
>> > I would be concerned about the physical noise of the mic switch
> itself

>> > especially with the compressor engaged!
>> >
>> > The real problem here is with too long a time constant on the
> power
>> > control feedback circuit on the radio. This long time constant, if
>> > deliberate, is probably to slug an instability in the power
> control
>> > feedback circuit. I would be unhappy with the workaround this
>> > sequencer gives as short spikes are still possible on SSB at key
> down
>> > and may still be there on CW. These spikes will be detrimental to
> the
>> > valve(s) no matter how short they are.
>> >
>> > 73
>> > Bill
>> > G4WJS
>> >
>> >>
>> >> Joel, K2QBV
>> >>
>> >>
>> >> ----- Original Message -----
>> >> From: g4wjs
>> >> To: acom-list@yahoogroups.com
>> >> Sent: Friday, June 13, 2008 6:05 PM
>> >> Subject: [acom-list] Re: ACOM 2000A AMPLIFIER FORWARD SPIKE
> PROBLEM
>> >>
>> >>
>> >> --- In acom-list@yahoogroups.com, JOEL <K2QBV@> wrote:
>> >> Hi Joel
>> >>
>> >> Tnx QSO this morning!
>> >>
>> >> I thought Amp sequencers were designed to avoid hot switching by
>> >> keying the amplifier BEFORE the transmitter, surely this can't
> help
>> >> with power spikes?
>> >>
>> >> 73
>> >> Bill
>> >> G4WJS
>> >>
>> >> >
>> >> > ACOM 2000 OWNERS.....As a new owner of an Acom 2000A, I had a
>> >> similar problem late last year. It appears that my Yaesu FT2000D
> was
>> >> producing a "forward spike" that would shut down my Acom 2000
> with a

>> >> fault error. You can see the spike on a scope and sometimes on
> the
>> >> small PCU display. There are two ways to get rid of the above
> problem;
>> >> >
>> >> > 1, If you're running a Yaesu FT-2000(D) or anything that
> produces a
>> >> spike, you must cut down on the output of the Yaesu for example
> to
>> >> about 50 watts. Not only cut down, but you must also adjust the
>> >> internal menu number 142 (on the FT2000D) to allow no more than
> 50
>> > watts.
>> >> >
>> >> > 2, Sometimes the above procedure will not work 100% of the
> time.
>> >> However, I decided to use a small PC board made by a company in
> South
>> >> America and sold here in the US. The product is called "AMPLIFIER
>> >> SEQUENCER and made by NETCERTUS (www.netcertus.com) and sells for
>> >> about $39. Check it out as this is the only thing I came up with.
>> >> >
>> >> > Joel Kornreich, K2QBV
>> >> > K2QBV@
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >> [Non-text portions of this message have been removed]
>> >>
>> >
>> >
>>
>>
>>
>> --
>> Tnx es 73
>> Dick W7ZR
>> www.w7zr.com
>>
>> A balanced diet is a cookie in each hand
>>
>
>

--
Tnx es 73
Dick W7ZR

www.w7zr.com

A balanced diet is a cookie in each hand

2707. Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-07 19:20:30 UTC
From: Arnaud F4DPT
Topic: 1162 Message: 2707

hello

I sell Acom 1010, the amplifier is new, garatie 1 year and 7 months, note, paperboard origin 1650€

73
Arnaud

2708. Help needed to install tubes Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-11 21:36:09 UTC
From: Richard Cariello
Topic: 2708 Message: 2708

Hello to all,
Its been a long time since I installed new tubes in my Acom 2000a. Just picked up some matched set and want to try them out in my amp. I had the procedure printed out but I can't find them.

Anyone have the instructions and willing to email me a copy.

Thanks,
Rich AA2MF

[Non-text portions of this message have been removed]

2709. RE: [acom-list] Help needed to install tubes Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-11 23:15:57 UTC
From: Howard Klein
Topic: 2708 Message: 2709

Rich,Here it is. Copying to list in case anyone else needs it. (although may not show up since it is an attachment) I have 2 tubes sitting here but haven't had the incentitive to try them. Let us know how you make out. Good luck to you. Howard..K2HK
[Non-text portions of this message have been removed]

2710. Re: [acom-list] Help needed to install tubes Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-12 06:07:47 UTC
From: Fernando González
Topic: 2708 Message: 2710

Hi all,
I´d be pleased to receive a copy of that procedure too. Thanks in advance. 73s
EC1CT Fernando
E-mail: fergondi@...

----- Original Message -----
From: Richard Cariello
To: acom-list@yahoogroups.com
Sent: Friday, July 11, 2008 11:36 PM
Subject: [acom-list] Help needed to install tubes Acom 2000a

Hello to all,
Its been a long time since I installed new tubes in my Acom 2000a. Just picked up some matched set and want to try them out in my amp. I had the procedure printed out but I can't find them.

Anyone have the instructions and willing to email me a copy.

Thanks,
Rich AA2MF

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.4.7/1546 - Release Date: 11/07/2008 6:47

[Non-text portions of this message have been removed]

2711. Re: [acom-list] Help needed to install tubes Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-12 06:50:30 UTC
From: Hans Remeeus
Topic: 2708 Message: 2711

It is on the Files-list of this group:

Tubes_Replacement_Instruction.txt
2000A Tube Replacement Instructions

Uploaded by N1EU.

There is no document called "Technical
Supplement". We however have an instruction about tubes replacement. The adjustment you mention concerns only the idle currents of the tubes. Here is the whole text of the instruction:

****

This step-by-step instruction is about the tubes replacement and idling currents re-adjustment of ACOM2000A power amplifier. Please follow all details closely since the work is difficult, with many details to keep track about, and might be dangerous too. Do not hesitate to contact your local dealer or nearest ACOM's service for any advice or if you don't feel comfortable with repairs!

W A R N I N G HIGH VOLTAGE!
==========
The amplifier works with high voltages up to 3000V which is LETHAL! For your safety pull the amplifier power plug out of the mains wall outlet and WAIT AT LEAST 30minutes EACH TIME BEFORE you remove the cover of the amplifier. Disconnect all cables from the amplifier (grounding last). Do not touch any part inside before ensuring as described below that no residual voltages are present!

1. OLD TUBES REMOVAL

First pull the amplifier power plug out of the mains wall outlet. Wait at least 30 minutes (or more if the amplifier has been just powered up). Be careful - tubes may be VERY HOT!

Remove the top cover by removing all screws except the eight located in the tube exhaust areas. Make sure that no residual DANGEROUS VOLTAGES are present. For the purpose take approximately 1m of WELL INSULATED lead (adequate for 3000V). Bare about 1cm at its both ends. Connect one of the ends FIRST to the GROUND STUD (on the rear panel), and AFTERWARDS, holding it BY THE INSULATION ONLY at a distance of minimum 10cm, touch with its second end consecutively the copper strip of the plate antiparasitic supressors and each tube anode.

In order to remove old tubes, first unscrew a M3x8 screw located between them, which holds both antiparasitic suppressors to the capacitive

divider (a metal plus teflon cylinder between tubes). Keep the screw and washer for the mounting procedure later.

Unclip (one by one) the anode spring clips from both tubes, pressing to bottom with a finger each tube while removing its clip. Now unthread both temperature sensors (which seem like small transistors) out of the red rubber chimneys. Then unthread the red silicon rubber chimneys out of both anode heatsinks, together with the antiparasitic supressors (keep track not to bend temperature sensor leads).

At last, pull both tubes (one by one) out of their sockets using force directed to TOP ONLY since bending may destroy tube sockets.

2. MOUNTING NEW TUBES.

C A U T I O N
==========
Examine new tubes pins before inserting them in sockets. They must be straight and not inclined in respect to the ceramic base, otherwise any bended pin could damage the socket's spring contacts, thus the socket and/or the tube may become unusable

a) Put carefully one by one the new tubes ON the sockets without pressing nor inserting the pins. Keep track about their pins orientation. There is a larger gap between two pins (a pin is vacant) and it must coincide with the corresponding socket's larger gap. Be extremely careful about the tubes screen-grid ring for not to bend any of the socket's spring contacts. If needed, slide the tube carefully up and down while you align them. After that, count them: there must be 16 contacts clearly seen, close-fitting outside each tubes screen ring. This ensures that no one of the spring contacts has been damaged.

b) Align tubes pins so that EACH one would lay exactly in the gap, and at the width center of the socket's spring contacts. Use very small rotation movements during this alignment. Do not lift tubes during this operation in order not to disorder screen grid ring contacts (otherwise repeat the previous step (a).

c) Using a force of NO MORE THAN 50...60N (about 5...6kg or 12...15Lbs.) in VERTICAL DIRECTION ONLY, push carefully each tube (holding its plate heatsink) in order to insert tubes in the sockets. If you meet a greather resistance, do not force anymore and go back to recheck a) and b). Both tubes must fully seat in their sockets.

C A U T I O N
==========
After inserting tubes recheck all 16 contacts of each tubes screen ring.

d) Orient the red silicon rubber chimneys (together with the antiparasitic suppressors inside) so that:
- their small holes could be threaded over the temperature sensors later;
- the center of both antiparasitic suppressors could be screwed to the

plate capacitive divider.

Now thread by small steps in parallel both chimneys over each tube plate heatsink. Keep track not to bend both temperature sensors during this operation. Clip both antiparasitic supressor's spring contacts to each tube plate and orient their center hole to the capacitive divider nut.

Align carefully both rubber chimneys, so that they firmly contact the tube deck: otherwise a part of air flow would be exhausted uselessly. At last, install and tighten the antiparasitic suppressors to the capacitive divider using the saved at step (1) M3x8 screw and lock washer.

e) Insure that after tubes replacement all the wiring is restored to its former condition.

3. IDLING PLATE CURRENT RE-ADJUSTMENT.

After any tube replacement the BIAS voltage needs to be re-adjusted. There is a sub-menu in the SERVICE menu of the amplifier that is foreseen to monitor the idling current of the tubes (the sum for both tubes is displayed).

a) Pull the amplifier power plug out of the mains wall outlet and remove the top cover (it must have been done at step 2). Remove the front panel by removing four screws at the front-bottom edge, and two at the front-top. Put the front panel laying near the left side of the amplifier. Keep track not to fall it down occasionally during next steps. Install the top cover with at least 5 screws on top.

W A R N I N G HIGH VOLTAGE!
==========
Be careful - the mains voltage 220/240VAC will exist permanently on the mains switch (located on the front panel), and will be now accessible - do not touch its contacts! Keep track that nobody could access mains voltage there and do not leave the amplifier without a supervision during next testing period with front panel removed.

Feed mains voltage, turn on the amplifier and let tubes to work about 30 minutes in STANDBY mode.

Use a small size flat tip insulated screwdriver for next adjustments. Find the Interface PCB which is located at the right-hand side of the amplifier. Two trimmer potentiometers RP1 and RP2 (marked "375mA" and "50mA") control the idling (zero-signal) plate current of the tubes for low- and high-signal levels. Both regulators increase the plate current when rotated clockwise.

b) Do not apply any drive during adjustment. Enter the SERVICE sub-menu from the RCU. Using UP and DOWN arrow buttons, select the following screen :

PLATE CURRENT: mA
GRID BIAS : V

The grid bias voltage is monitored for information only. You have to
follow the plate current while adjusting the two trimmers. Note that RP1
will affect both idling levels, while RP2 - only the low level. That is
why the high level is adjusted first, and then the low level (according
to the pocedure described below).

At this point, the procedure is started by pressing the ENT button. Then
the tubes are first controlled to the high-level idling current. It must
be set between 360 and 390mA, typically 370-380mA. If needed, adjust it
via RP1 marked "375mA". You will have about 15 seconds for this
procedure, after which the tubes are cutted off (the current becomes
zero). You could note a 0/10mA flicker on the display, which is normal
during this period since the measuring resolution step is 10mA.

After a 15 seconds pause the tubes are controlled to the low-level
idling current for another 15 seconds. Now the current must be set
between 40 and 60mA, typically 50mA. If needed, adjust it via RP2
marked "50mA".

After this second session, the amplifier automatically leaves the
SERVICE sub-menu, sensing its initial motors positions and retrieving
last tuning. You may re-enter the SERVICE sub-menu several times in
order to have enough time to make adjustments or just to check the
resultant tubes idling currents.

4. REASSEMBLING THE AMPLIFIER

W A R N I N G HIGH VOLTAGE!
==========================
After the adjustment procedure is completed, switch off the amplifier
and pull the amplifier power plug out of the mains wall outlet. Leave
the amplifier in this state for at least 1 hour in order to let the
dangerously high tubes temperature and residual voltages to drop to
safe values.

After 1 hour has expired, remove the top cover of the amplifier. Then
install the front panel. Check whether the HV transformer's mounting
bolts are properly tightened. At last install the top cover again using
all its screws. Align screws thread to the nuts and do not force them
since any captive nut on the chassis might be damaged.

****

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando Gonz?lez schreef:
> Hi all,
> I?d be pleased to receive a copy of that procedure too. Thanks in advance. 73s
> EC1CT Fernando

> E-mail: fergondi@...
>
> ----- Original Message -----
> From: Richard Cariello
> To: acom-list@yahoogroups.com
> Sent: Friday, July 11, 2008 11:36 PM
> Subject: [acom-list] Help needed to install tubes Acom 2000a
>
>
> Hello to all,
> Its been a long time since I installed new tubes in my Acom 2000a. Just picked up some matched set and want to try them out in my amp. I had the procedure printed out but I can't find them.
>
> Anyone have the instructions and willing to email me a copy.
>
> Thanks,
> Rich AA2MF
>

2712. Re: [acom-list] Help needed to install tubes Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-12 06:52:10 UTC
From: Hans Remeeus
Topic: 2708 Message: 2712

For the Acom 1000 this is a very nice instruction:

http://www.ve1dx.net/acomtube/

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando Gonz?lez schreef:
> Hi all,
> I?d be pleased to receive a copy of that procedure too. Thanks in advance. 73s
> EC1CT Fernando
> E-mail: fergondi@...
>
> ----- Original Message -----
> From: Richard Cariello
> To: acom-list@yahoogroups.com
> Sent: Friday, July 11, 2008 11:36 PM
> Subject: [acom-list] Help needed to install tubes Acom 2000a
>
>
> Hello to all,
> Its been a long time since I installed new tubes in my Acom 2000a. Just picked up some matched set and want to try them out in my amp. I had the procedure printed out but I can't find them.
>
> Anyone have the instructions and willing to email me a copy.
>
> Thanks,
> Rich AA2MF
>

2713. Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 15:13:22 UTC
From: Jurgis Ignotas
Topic: 2713 Message: 2713

Hi all,

I left my station switched on for 2 hours and when came back found ACOM2000A switched off and RCU giving continuos beep. No one LED indicator lights and LCD is dark. No any reaction pressing any button. I suspect there was lighting nearby , and some statics damaged ACOM and my computer 1 hour before IARUHFC.
ACOM2000A works perfect with RCU from another ACOM, but first RCU gives the sane result with another ACOM. Seems problem is in RCU. What can one recomend to do?

73 Jurgis LY2CY / LY9Y

[Non-text portions of this message have been removed]

2714. Wanted Service manual Acom 1010

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 20:00:43 UTC
From: Kees - pa7two
Topic: 2714 Message: 2714

Dear all,

Hunting for the Service manual, exploded view, replace tube instruction, etc, documents of an ACOM 1010 amplifier.
Who can help me please?

My e=mail address: pa7two at hotmail dot com

Thanks a million in advance,
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

_____
Need to know now? Get instant answers with Windows Live Messenger.
http://www.windowslive.com/messenger/connect_your_way.html?ocid=TXT_TAGLM_WL_messenger_072008

[Non-text portions of this message have been removed]

2715. Re: Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 20:40:43 UTC
From: Hans , PA3HGT
Topic: 2713 Message: 2715

--- In acom-list@yahoogroups.com, "Jurgis Ignotas" <ly2cy@...> wrote:
>
> Hi all,
>
> I left my station switched on for 2 hours and when came back found ACOM2000A switched off and RCU giving continuos beep. No one LED indicator lights and LCD is dark. No any reaction pressing any button. I suspect there was lighting nearby , and some statics damaged ACOM and my computer 1 hour before IARUHFC.
> ACOM2000A works perfect with RCU from another ACOM, but first RCU gives the sane result with another ACOM. Seems problem is in RCU. What can one recomend to do?
>
> 73 Jurgis LY2CY / LY9Y
>
>
> [Non-text portions of this message have been removed]
>

Hello Jurgis,

My advice is to contact the factory,they will help you out.

Hans

2716. [acom-list]

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 20:42:43 UTC
From: Jim
Topic: 2714 Message: 2716

Anyone.....what's the latest status on the 4CX800 tubes?

Are they being manufactured?

Easily available?

If available who is the best supplier?

Average Cost now?

73, Jim

2717. Re: [acom-list] Re: Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 21:07:02 UTC
From: paul glassman
Topic: 2713 Message: 2717

did you take the rcu connector apart to see if all
connections are intact?
73 paul w8jn

--- "Hans , PA3HGT" <pa3hgt@...> wrote:

> --- In acom-list@yahoogroups.com, "Jurgis Ignotas"
> <ly2cy@...> wrote:
> >
> > Hi all,
> >
> > I left my station switched on for 2 hours and
> when came back found
> ACOM2000A switched off and RCU giving continuos
> beep. No one LED
> indicator lights and LCD is dark. No any reaction
> pressing any button.
> I suspect there was lighting nearby , and some
> statics damaged ACOM
> and my computer 1 hour before IARUHFC.
> > ACOM2000A works perfect with RCU from another
> ACOM, but first RCU
> gives the sane result with another ACOM. Seems
> problem is in RCU. What
> can one recomend to do?
> >
> > 73 Jurgis LY2CY / LY9Y
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
>
> Hello Jurgis,
>
> My advice is to contact the factory,they will help
> you out.
>
> Hans
>
>
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2718. Re: [acom-list]

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 21:09:15 UTC
From: paul glassman
Topic: 2714 Message: 2718

just paid $175 each for a matched set of the russian
surplus gu74b's. dont have them yet. will let you know
how they work when i receive them.
73 paul w8jn

--- Jim <pywacker@...> wrote:

>
> Anyone.....what's the latest status on the 4CX800
> tubes?
>
> Are they being manufactured?
>
> Easily available?
>
> If available who is the best supplier?
>
> Average Cost now?
>
>
> 73, Jim
>
>
>
>
>
>
>

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2719. Re: [acom-list]

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 23:13:11 UTC
From: Fernando González
Topic: 2719 Message: 2719

Hi Jim,
Ron at Vinecom - UK got them. He seems to be having a good stock and wich is most important...delivering tested and guaranteed. Take a look at:

http://www.vinecom.co.uk/

73s!
EC1CT Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Jim
To: acom-list@yahoogroups.com
Sent: Monday, July 14, 2008 10:42 PM
Subject: [acom-list]

Anyone.....what's the latest status on the 4CX800 tubes?

Are they being manufactured?

Easily available?

If available who is the best supplier?

Average Cost now?

73, Jim

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.4.10/1551 - Release Date: 14/07/2008 6:49

[Non-text portions of this message have been removed]

2720. RE: [acom-list] Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-14 23:48:41 UTC
From: N2TK
Topic: 2713 Message: 2720

Wasn't there something a while back about pulling out and reseating the CPU in the RCU? I don't remember the details but this was supposed to fix some power on problem.

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Jurgis Ignotas
Sent: Monday, July 14, 2008 8:13 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Problem with ACOM2000A RCU

Hi all,

I left my station switched on for 2 hours and when came back found ACOM2000A switched off and RCU giving continuos beep. No one LED indicator lights and LCD is dark. No any reaction pressing any button. I suspect there was lighting nearby , and some statics damaged ACOM and my computer 1 hour before IARUHFC.
ACOM2000A works perfect with RCU from another ACOM, but first RCU gives the sane result with another ACOM. Seems problem is in RCU. What can one recomend to do?

73 Jurgis LY2CY / LY9Y

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2721. Re: [acom-list] Re: Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-15 17:05:43 UTC
From: Jurgis Ignotas
Topic: 2713 Message: 2721

Many thanks everybody for help resolving RCU problem, especialy Sergei UA3AP and Stanimir LZ1IU. Reset did not help. Following Stanimir recomendations I took microprocessor out, cleaned all contacts with alcohol and put it back. Now ACOM works perfect.
73 Jurgis LY2CY

[Non-text portions of this message have been removed]

2722. RE: [acom-list] Re: Problem with ACOM2000A RCU

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-15 20:43:51 UTC
From: Mel Whitten
Topic: 2713 Message: 2722

Some IC sockets are not "gas tight" allowing contamination and eventually contact failure. I have found treating IC pins with DeoxIT will help avoid contact problems also. >http://store.caig.com/s.nl/it.I/id.32/.f<

Mel, k0pfx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Jurgis Ignotas
Sent: Tuesday, July 15, 2008 12:06 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Problem with ACOM2000A RCU

Many thanks everybody for help resolving RCU problem, especialy Sergei UA3AP and Stanimir LZ1IU. Reset did not help. Following Stanimir recomendations I took microprocessor out, cleaned all contacts with alcohol and put it back. Now ACOM works perfect.
73 Jurgis LY2CY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2723. Re: [acom-list] GU74B spare tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-17 23:00:07 UTC
From: K0DAN
Topic: 2723 Message: 2723

To expand on another recent post about Vine Antennas in the UK...I obtained a matched pair from Ron, and the tubes arrived promtply, in good shape, and tested out fine in my Acom 2000A. The printed procedure (on list, not provided by Ron) for the tube swap & biasing was very detailed and specific. The actual labor to open the amp and rebias the tubes took maybe 30 minutes but expanded out to 2-3 hours to allow safety factor for the tubes to cool off and HV to bleed off the plate circuit. I would not hesitate to recommend Vine for their prompt communication, fair & ethical business practices, and delivery on their promises. They also offer a warranty. See http://www.vinecom.co.uk/

GL es 73

Dan
K0DAN

----- Original Message -----
From: "Jim" <pywacker@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, July 14, 2008 3:42 PM
Subject: [acom-list]

>
> Anyone.....what's the latest status on the 4CX800 tubes?
>
> Are they being manufactured?
>
> Easily available?
>
> If available who is the best supplier?
>
> Average Cost now?
>
>
> 73, Jim
>

2724. uh-oh low bias fault on start up -again

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-20 22:31:07 UTC
From: kamarty456
Topic: 2724 Message: 2724

I reviewed the posts discussing low bias faults, but did not get any answers.
In February of 2007 I had low bias fault alarm and ended up sending the amp to Acom. To their benefit service was fast and turn around time was excellent. I believe it was a FET failure, about $0.50, in parts.

Now as of July 2008 I'm re-experiencing the low bias fault at start up.
I also have seen some other fault messages. I have turned power off unplugged the amp and some other steps to see if this may be self healing.

Sadly no! Shipping the 2000A from Arizona to Acom is getting quite costly, so can anyone out there offer some experience in resolving this challenge?

It's a shame that you can't view the parameters with the amp power on before the warm up time.

Troubleshooting is awkward so I will be calling Acom/Will first thing Monday.

Marty ka7gkn

2725. Re: [acom-list] uh-oh low bias fault on start up -again

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-20 22:48:57 UTC
From: JOEL
Topic: 2724 Message: 2725

Sure it's NOT a tube??

Joel

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Sunday, July 20, 2008 6:31 PM
Subject: [acom-list] uh-oh low bias fault on start up -again

I reviewed the posts discussing low bias faults, but did not get any answers.
In February of 2007 I had low bias fault alarm and ended up sending the amp to Acom. To their benefit service was fast and turn around time was excellent. I believe it was a FET failure, about $0.50, in parts.

Now as of July 2008 I'm re-experiencing the low bias fault at start up.
I also have seen some other fault messages. I have turned power off unplugged the amp and some other steps to see if this may be self healing.

Sadly no! Shipping the 2000A from Arizona to Acom is getting quite costly, so can anyone out there offer some experience in resolving this challenge?

It's a shame that you can't view the parameters with the amp power on before the warm up time.

Troubleshooting is awkward so I will be calling Acom/Will first thing Monday.

Marty ka7gkn

[Non-text portions of this message have been removed]

2726. 2000a serial number

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 00:36:02 UTC
From: paul glassman
Topic: 2726 Message: 2726

does anyone have any idea what year derial number
990192 was manufactured? do you have one close to this
serial number a

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2727. acom 2000a 990192

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 00:38:22 UTC
From: paul glassman
Topic: 2727 Message: 2727

acom 2000a 990192 does anyone have any ides when this
serial number was manufactured? do you have a number
close and can tell me when yours was manufactured?
thynaks paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2728. TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 01:44:41 UTC
From: JOEL
Topic: 2728 Message: 2728

Attention owners of ACOM 1000 and 2000 amplifiers.....

I just received 2 sets of matched tested GU74B tubes from Vine Antennas for my Acom 2000A. Price was fair and most important, the tubes were tested and certified with documention. This appears to be the only way to go before the price on these tubes go way up there shortly. I know of no other way to purchase these GU74B amplifier tubes.

Check on my previous e mails I had posted concerning more details, etc. I understand Ron at Vine antennas in the UK already had received orders close to 100 pieces and shipped most of them. No one else but Vine has a GU74B tester to check out the tubes.

De K2QBV, Joel

[Non-text portions of this message have been removed]

2729. Re: [acom-list] 2000a serial number

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 02:32:21 UTC
From: Dennis Vernacchia
Topic: 2726 Message: 2729

1999 Serial Number 0192

73, Dennis N6KI

On Tue, Jul 22, 2008 at 5:36 PM, paul glassman <highschooldiving@...>
wrote:

> does anyone have any idea what year derial number
> 990192 was manufactured? do you have one close to this
> serial number a
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
>
>

[Non-text portions of this message have been removed]

2730. Re: [acom-list] TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 02:39:38 UTC
From: Dennis Vernacchia
Topic: 2728 Message: 2730

Be advised

A friend and I ordered 3 tubes

2 for a ACOM 2000A and 1 for my ACOM 1000

The matched set for the 2000A worked fine

the single tube for the 1000 was faulty with low output

Vine Antennas in UK immediately shipped out another tube but we never heard back why the
first tube was faulty even though it was tested in his fixture

I think he went back to the drawing board on that one and commented that maybe he needed
a ACOM 1000 to test the single tubes in

So, when you get your tubes, check them ASAP within the warranty period !!!

What my friend and I did is leave the new tubes in the amp and pulled the existing good tubes out and out on shelf as spares since we both had quite a few hours on existing tubes in amp

73, Dennis N6KI
San Diego

On Tue, Jul 22, 2008 at 6:44 PM, JOEL <K2QBV@...> wrote:

> Attention owners of ACOM 1000 and 2000 amplifiers.....
>
> I just received 2 sets of matched tested GU74B tubes from Vine Antennas for my Acom 2000A. Price was fair and most important, the tubes were tested and certified with documention. This appears to be the only way to go before the price on these tubes go way up there shortly. I know of no other way to purchase these GU74B amplifier tubes.
>
> Check on my previous e mails I had posted concerning more details, etc. I understand Ron at Vine antennas in the UK already had received orders close to 100 pieces and shipped most of them. No one else but Vine has a GU74B tester to check out the tubes.
>
> De K2QBV, Joel
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

2731. Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 03:07:59 UTC
From: modessb
Topic: 2728 Message: 2731

Does this mean Acom locally in the states will not support/sell tubes for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
>
> Attention owners of ACOM 1000 and 2000 amplifiers.....
>
> I just received 2 sets of matched tested GU74B tubes from Vine Antennas for my Acom 2000A. Price was fair and most important, the tubes were tested and certified with documention. This appears to be the only way to go before the price on these tubes go way up there shortly. I know of no other way to purchase these GU74B amplifier tubes.
>
> Check on my previous e mails I had posted concerning more details, etc. I understand Ron at Vine antennas in the UK already had received orders close to 100 pieces and shipped most of them. No one else but Vine has a GU74B tester to check out the tubes.
>
> De K2QBV, Joel
>
>
> [Non-text portions of this message have been removed]
>

2732. Re: [acom-list] acom 2000a 990192

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 05:33:35 UTC
From: Hans Remeeus
Topic: 2727 Message: 2732

Hello Paul,

Mine is 040207 and manufactured in August 2004. So 04 = 2004. Your 99 =
1999. Could this be correct?

--

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

paul glassman schreef:
> acom 2000a 990192 does anyone have any ides when this
> serial number was manufactured? do you have a number
> close and can tell me when yours was manufactured?
> thynaks paul w8jn
>

2733. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 05:46:20 UTC
From: Dennis Vernacchia
Topic: 2728 Message: 2733

I would imagine that ACOM will support their product and carry tubes
fro warranty repairs but beyond that I do not think ACOM is in the business
of
selling spare tubes. Best always o cal and talk to ACOM
about their support policies

73, Dennis N6KI

On Tue, Jul 22, 2008 at 8:07 PM, modessb <pywacker@...> wrote:

> Does this mean Acom locally in the states will not support/sell tubes
> for their own product, Acom.
>
> Jim
>
>
> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, JOEL
> <K2QBV@...> wrote:
> >
> >
> > Attention owners of ACOM 1000 and 2000 amplifiers.....
> >
> > I just received 2 sets of matched tested GU74B tubes from Vine
> Antennas for my Acom 2000A. Price was fair and most important, the
> tubes were tested and certified with documention. This appears to be
> the only way to go before the price on these tubes go way up there
> shortly. I know of no other way to purchase these GU74B amplifier
> tubes.
> >
> > Check on my previous e mails I had posted concerning more details,
> etc. I understand Ron at Vine antennas in the UK already had
> received orders close to 100 pieces and shipped most of them. No one
> else but Vine has a GU74B tester to check out the tubes.
> >
> > De K2QBV, Joel
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

2734. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 10:19:24 UTC
From: JOEL
Topic: 2728 Message: 2734

Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a tube(s) off E-BAY.

Joel, K2QBV
----- Original Message -----
From: modessb
To: acom-list@yahoogroups.com
Sent: Tuesday, July 22, 2008 11:07 PM
Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Does this mean Acom locally in the states will not support/sell tubes for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
>
> Attention owners of ACOM 1000 and 2000 amplifiers.....
>
> I just received 2 sets of matched tested GU74B tubes from Vine Antennas for my Acom 2000A. Price was fair and most important, the tubes were tested and certified with documention. This appears to be the only way to go before the price on these tubes go way up there shortly. I know of no other way to purchase these GU74B amplifier tubes.
>
> Check on my previous e mails I had posted concerning more details, etc. I understand Ron at Vine antennas in the UK already had received orders close to 100 pieces and shipped most of them. No one else but Vine has a GU74B tester to check out the tubes.
>
> De K2QBV, Joel
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

2735. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 10:31:22 UTC
From: Jim
Topic: 2728 Message: 2735

In past years I have bought spare tubes from Alpha and Ameritron??????? My
last two emails to Acom were unanswered, so I guess that's my answer.

Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Dennis Vernacchia
Sent: Wednesday, July 23, 2008 1:46 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

I would imagine that ACOM will support their product and carry tubes
fro warranty repairs but beyond that I do not think ACOM is in the business
of
selling spare tubes. Best always o cal and talk to ACOM
about their support policies

73, Dennis N6KI

On Tue, Jul 22, 2008 at 8:07 PM, modessb <pywacker@...> wrote:

> Does this mean Acom locally in the states will not support/sell tubes
> for their own product, Acom.
>
> Jim
>
>
> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, JOEL
> <K2QBV@...> wrote:
> >
> >
> > Attention owners of ACOM 1000 and 2000 amplifiers.....
> >
> > I just received 2 sets of matched tested GU74B tubes from Vine
> Antennas for my Acom 2000A. Price was fair and most important, the
> tubes were tested and certified with documention. This appears to be
> the only way to go before the price on these tubes go way up there
> shortly. I know of no other way to purchase these GU74B amplifier
> tubes.
> >
> > Check on my previous e mails I had posted concerning more details,
> etc. I understand Ron at Vine antennas in the UK already had
> received orders close to 100 pieces and shipped most of them. No one
> else but Vine has a GU74B tester to check out the tubes.
> >

> > De K2QBV, Joel
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2736. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 13:06:00 UTC
From: Kees - pa7two
Topic: 2728 Message: 2736

Dear all,

I've got some for the ones in the need for some spare GU74B tubes. I've made some of the ACOM reflector users very happy in the past :-)

Contact me off-line, e-mail address OK on www.qrz.com

Cheers,

Vy 73, de Kees - pa7two

To: acom-list@yahoogroups.com
From: K2QBV@...
Date: Wed, 23 Jul 2008 06:19:24 -0400
Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a tube(s) off E-BAY.

Joel, K2QBV

----- Original Message -----

From: modessb

To: acom-list@yahoogroups.com

Sent: Tuesday, July 22, 2008 11:07 PM

Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Does this mean Acom locally in the states will not support/sell tubes

for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:

>

>

> Attention owners of ACOM 1000 and 2000 amplifiers.....

>

> I just received 2 sets of matched tested GU74B tubes from Vine

Antennas for my Acom 2000A. Price was fair and most important, the

tubes were tested and certified with documention. This appears to be

the only way to go before the price on these tubes go way up there

shortly. I know of no other way to purchase these GU74B amplifier

tubes.

>

> Check on my previous e mails I had posted concerning more details,

etc. I understand Ron at Vine antennas in the UK already had

received orders close to 100 pieces and shipped most of them. No one

else but Vine has a GU74B tester to check out the tubes.

>

> De K2QBV, Joel

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

_____
Keep your kids safer online with Windows Live Family Safety.
http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_072
008

[Non-text portions of this message have been removed]

2737. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 13:28:20 UTC
From: JOEL
Topic: 2728 Message: 2737

Kees,

I understand that you do NOT have a complete tester or any tester built. Why are you selling these GU74b tubes that are not matched? If I am incorrect and you guarantee these to be completely tested, certified and matched I stand corrected.

Joel, K2QBV

----- Original Message -----
From: Kees - pa7two
To: acom-list@yahoogroups.com
Sent: Wednesday, July 23, 2008 9:06 AM
Subject: RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Dear all,

I've got some for the ones in the need for some spare GU74B tubes. I've made some of the ACOM reflector users very happy in the past :-)

Contact me off-line, e-mail address OK on www.qrz.com

Cheers,

Vy 73, de Kees - pa7two

To: acom-list@yahoogroups.com
From: K2QBV@...
Date: Wed, 23 Jul 2008 06:19:24 -0400
Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a tube(s) off E-BAY.

Joel, K2QBV

----- Original Message -----

From: modessb

To: acom-list@yahoogroups.com

Sent: Tuesday, July 22, 2008 11:07 PM

Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Does this mean Acom locally in the states will not support/sell tubes

for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:

>

>

> Attention owners of ACOM 1000 and 2000 amplifiers.....

>

> I just received 2 sets of matched tested GU74B tubes from Vine

Antennas for my Acom 2000A. Price was fair and most important, the

tubes were tested and certified with documention. This appears to be

the only way to go before the price on these tubes go way up there

shortly. I know of no other way to purchase these GU74B amplifier

tubes.

>

> Check on my previous e mails I had posted concerning more details,

etc. I understand Ron at Vine antennas in the UK already had

received orders close to 100 pieces and shipped most of them. No one

else but Vine has a GU74B tester to check out the tubes.

>

> De K2QBV, Joel

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

_____
Keep your kids safer online with Windows Live Family Safety.
http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_072
008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2738. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 13:31:10 UTC
From: Kees - pa7two
Topic: 2728 Message: 2738

Hi Joel,

I never stated I have a MATCHED pair for sale? I have some spare GU74B for the ones in the need for some. No matched pairs!

Simply ask the reflector users about my tubes. Or scroll the messages and see the feedback about my tubes...

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: K2QBV@...
Date: Wed, 23 Jul 2008 09:28:20 -0400
Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Kees,

I understand that you do NOT have a complete tester or any tester built. Why are you selling these GU74b tubes that are not matched? If I am incorrect and you guarantee these to be completely tested, certified and matched I stand corrected.

Joel, K2QBV

----- Original Message -----

From: Kees - pa7two

To: acom-list@yahoogroups.com

Sent: Wednesday, July 23, 2008 9:06 AM

Subject: RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Dear all,

I've got some for the ones in the need for some spare GU74B tubes. I've made some of the ACOM reflector users very happy in the past :-)

Contact me off-line, e-mail address OK on www.qrz.com

Cheers,

Vy 73, de Kees - pa7two

To: acom-list@yahoogroups.com

From: K2QBV@...

Date: Wed, 23 Jul 2008 06:19:24 -0400

Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a tube(s) off E-BAY.

Joel, K2QBV

----- Original Message -----

From: modessb

To: acom-list@yahoogroups.com

Sent: Tuesday, July 22, 2008 11:07 PM

Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Does this mean Acom locally in the states will not support/sell tubes

for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:

>

>

> Attention owners of ACOM 1000 and 2000 amplifiers.....

>

> I just received 2 sets of matched tested GU74B tubes from Vine

Antennas for my Acom 2000A. Price was fair and most important, the

tubes were tested and certified with documention. This appears to be

the only way to go before the price on these tubes go way up there

shortly. I know of no other way to purchase these GU74B amplifier

tubes.

>

> Check on my previous e mails I had posted concerning more details,

etc. I understand Ron at Vine antennas in the UK already had

received orders close to 100 pieces and shipped most of them. No one

else but Vine has a GU74B tester to check out the tubes.

>

> De K2QBV, Joel

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

Keep your kids safer online with Windows Live Family Safety.

http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_072008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

With Windows Live for mobile, your contacts travel with you.
http://www.windowslive.com/mobile/overview.html?ocid=TXT_TAGLM_WL_mobile_072008

[Non-text portions of this message have been removed]

2739. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 13:32:19 UTC
From: Fernando González
Topic: 2728 Message: 2739

Joel is right. In fact, I had a little conversation with the youngest guy at the Alpha stand in the Dayton Hamvention this year about the availability of the GU74Bs in the states. He told me they´re replacing those tubes in all their amps for Eimac´s stuff because the GU74s are almost impossible to find in the US. I would also recommend Ron at Vinecom UK as the most reliable source to buy tubes actually. 73s
EC1CT Fernando
E-mail: ec1ct@ure.es!

----- Original Message -----
From: JOEL
To: acom-list@yahoogroups.com
Sent: Wednesday, July 23, 2008 12:19 PM
Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a tube(s) off E-BAY.

Joel, K2QBV
----- Original Message -----
From: modessb
To: acom-list@yahoogroups.com
Sent: Tuesday, July 22, 2008 11:07 PM
Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Does this mean Acom locally in the states will not support/sell tubes
for their own product, Acom.

Jim

--- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
>
>
> Attention owners of ACOM 1000 and 2000 amplifiers.....
>
> I just received 2 sets of matched tested GU74B tubes from Vine
Antennas for my Acom 2000A. Price was fair and most important, the
tubes were tested and certified with documention. This appears to be
the only way to go before the price on these tubes go way up there
shortly. I know of no other way to purchase these GU74B amplifier
tubes.
>
> Check on my previous e mails I had posted concerning more details,
etc. I understand Ron at Vine antennas in the UK already had
received orders close to 100 pieces and shipped most of them. No one
else but Vine has a GU74B tester to check out the tubes.
>

> De K2QBV, Joel
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.5.5/1568 - Release Date: 23/07/2008 6:55

[Non-text portions of this message have been removed]

2740. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 13:40:43 UTC
From: marcelo@alternex.com.br
Topic: 2728 Message: 2740

My testimonial:

I've bought my spares from Kees, and can attest that everything went smooth. Tubes were OK, and packed with care.

Marcelo, PY1KN

>
> Hi Joel,
>
> I never stated I have a MATCHED pair for sale? I have some spare GU74B for the ones in
> the need for some. No matched pairs!
>
> Simply ask the reflector users about my tubes. Or scroll the messages and see the
> feedback about my tubes...
>
> Vy 73, de Kees.
>
>
> To: acom-list@yahoogroups.com
> From: K2QBV@...
> Date: Wed, 23 Jul 2008 09:28:20 -0400
> Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
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>
> Kees,
>
>

> I understand that you do NOT have a complete tester or any tester built. Why are you
> selling these GU74b tubes that are not matched? If I am incorrect and you guarantee
> these to be completely tested, certified and matched I stand corrected.
>
>
>
> Joel, K2QBV
>
>
>
> ----- Original Message -----
>
> From: Kees - pa7two
>
> To: acom-list@yahoogroups.com
>
> Sent: Wednesday, July 23, 2008 9:06 AM
>
> Subject: RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
>
>
>
> Dear all,
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>
>
> I've got some for the ones in the need for some spare GU74B tubes. I've made some of the
> ACOM reflector users very happy in the past :-)
>
>
>
> Contact me off-line, e-mail address OK on www.qrz.com
>
>
>
> Cheers,
>
>
>
> Vy 73, de Kees - pa7two
>
>
>
> To: acom-list@yahoogroups.com
>
> From: K2QBV@...
>
> Date: Wed, 23 Jul 2008 06:19:24 -0400
>

> Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
>
>
>
> Mostly all GU74B tubes in the states are all gone. I don't think you want to buy a
> tube(s) off E-BAY.
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>
>
> Joel, K2QBV
>
>
>
> ----- Original Message -----
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>
> From: modessb
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>
> To: acom-list@yahoogroups.com
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>
>
> Sent: Tuesday, July 22, 2008 11:07 PM
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>
> Subject: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
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>
> Does this mean Acom locally in the states will not support/sell tubes
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>
> for their own product, Acom.
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>
> Jim
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>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...> wrote:
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>> Attention owners of ACOM 1000 and 2000 amplifiers.....
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>
>> I just received 2 sets of matched tested GU74B tubes from Vine
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>
> Antennas for my Acom 2000A. Price was fair and most important, the
>
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>
> tubes were tested and certified with documention. This appears to be
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>
> the only way to go before the price on these tubes go way up there
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>
>
> shortly. I know of no other way to purchase these GU74B amplifier
>
>
>
> tubes.
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>
>> Check on my previous e mails I had posted concerning more details,
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>
>
> etc. I understand Ron at Vine antennas in the UK already had
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>

>
> received orders close to 100 pieces and shipped most of them. No one
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>
>
> else but Vine has a GU74B tester to check out the tubes.
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>
>> De K2QBV, Joel
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> --
>
> Keep your kids safer online with Windows Live Family Safety.
>
> http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_0
72008
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> ---
> With Windows Live for mobile, your contacts travel with you.
> http://www.windowslive.com/mobile/overview.html?ocid=TXT_TAGLM_WL_mobile_072008
>
> [Non-text portions of this message have been removed]
>
>

2741. Fw: GU74b tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 14:12:48 UTC
From: JOEL
Topic: 2741 Message: 2741

```
----- Original Message -----
From: "JOEL" <K2QBV@...>
To: "Paul M Dunphy" <amplifier@...>
Sent: Wednesday, July 23, 2008 10:11 AM
Subject: Re: GU74b tubes

> Thanks Paul for your response concerning UR7GG. The problem I have seen is
> that a few people have a couple of spares that they are willing to sell
> and drop completely out of sight after that. I tell of Vine Antennas
> because of the continued quanity he can purchase and on top of that,
> guarantee something. I'm not in business in any shape or form with Vine
> but have watched so many people buying the tubes from world wide sources
> that just do not function up to specs or their funds are gone into never
> neverland. . As far as the tube money goes, people that spend $7,000 USD
> for an amplifier can I am sure came up with the difference between the
> $120 and the amount a company wants that completely guarantees the GU74B.
>
> '73,
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: "Paul M Dunphy" <amplifier@...>
> To: "JOEL" <k2qbv@...>
> Sent: Wednesday, July 23, 2008 9:55 AM
> Subject: GU74b tubes
>
>
>> Joel,
>>
>> I bought four GU74b tubes from Victor Tkachenko UR7GG. I got two on
>> 2 separate occasions. The first time (2007) they were $110 each
>> including shipping, and the next time $120 (March of 2008.) All four
>> worked as good as the original NOS GU74b that came with my ACOM-1000.
>> His email is:
>>
>> ur7gg@...
>>
>> You have to wire the money to him in Ukraine. I was very nervous
>> about doing this as I fully expected to never hear from him again. Both
>> times he came through. He was highly recommended by those know him from
>> the Dayton equivalent in Friedrichshafen, Germany.
>>
>> K1ER, who lives in Hawaii, also obtained two tubes for his ACOM-2000
>> from Victor. He (Victor) claims he will replace any defective ones. I
```

>> tried all four in my ACOM-1000 as soon as I got them and they seem OK. I
>> seem to recall Vine Electronics is a lot more expensive that $120, but
>> then again, if they are pre-tested and guaranteed . . .
>>
>> Matched (or balanced) tubes is just a fancy way of saying they mix
>> and match until they get two that present the same ohmic load that in
>> theory makes sure they both carry the same plate current. You should
>> neutralize most tubes once they are installed to prevent parasitic
>> oscillations (ACOM amps are no different and have instructions for
>> adjusting a couple of pots to do this.) I suppose Vine Electronics can
>> pick and choose until they get a matched set, but you have to neutralize
>> them yourself once they are in the amp.
>>
>> I don't know how important matching is . . . I've played with dual
>> 3-500Z and quad 572B or 811A amps for decades and when a tube blows, I
>> simply replace it (and neutralize it if the amp has the capability.) I
>> never worried about them being matched and never had any problems. The
>> ACOM-1000 is a single tube amp, so matching is not an issue . . . it may
>> be with an ACOM-2000.
>>
>> 73, Paul VE1DX
>>
>

2742. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 15:20:12 UTC
From: K0DAN
Topic: 2728 Message: 2742

Is Kees getting bashed here?

He's a good guy, honest, and has the hardware & skills to degas NOS tubes.

Maybe I'm reading these threads wrong, maybe the wording is unintentional, but I hope he's not getting beat up, as he doesn't deserve it.

The Acom 1000 series needs only one tube, the Acom 2000 requires a matched pair. Some of us Acom users need one tube, some of us two.

I bought spare tubes from Ron at Vine, mainly because he provides matched, tested, and guaranteed pairs. Had I not needed matched tubes, I might well have purchased
from Kees.

To randomly tosds in a pair of tubes that may or may not have the same operating characteristics is asking for trouble, at least in the form of shortened tube life. You want the pair of tubes to each be doing about the same amount of work, ie drawing about same current, exhausting about same heat.

The rebiasing procedure is well documented, and is a simple two pot adjustment. It takes more time to open and close the amplifier case, and to allow the tubes to cool, than it does to make the actualy adjustment (which is measured on the Remote Control Unit).

The GU74B's are rare enough. And as someone suggested, buying on Ebay carries the highest risk. Let's not bash those who are reputable and honest and can supply these tubes. Both Ron and Kees are among those. There are probably other reputable sources out there as well.

73

dan
k0dan

----- Original Message -----
From: <marcelo@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, July 23, 2008 8:40 AM
Subject: RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

>
> My testimonial:
>
> I've bought my spares from Kees, and can attest that everything went
> smooth. Tubes were
> OK, and packed with care.

>
> Marcelo, PY1KN
>
>
>>
>> Hi Joel,
>>
>> I never stated I have a MATCHED pair for sale? I have some spare GU74B
>> for the ones in
>> the need for some. No matched pairs!
>>
>> Simply ask the reflector users about my tubes. Or scroll the messages and
>> see the
>> feedback about my tubes...
>>
>> Vy 73, de Kees.
>>
>>
>> To: acom-list@yahoogroups.com
>> From: K2QBV@...
>> Date: Wed, 23 Jul 2008 09:28:20 -0400
>> Subject: Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
>>
>>
>> Kees,
>>
>>
>>
>> I understand that you do NOT have a complete tester or any tester built.
>> Why are you
>> selling these GU74b tubes that are not matched? If I am incorrect and
>> you guarantee
>> these to be completely tested, certified and matched I stand corrected.
>>
>>
>>
>> Joel, K2QBV
>>
>>
>>
>> ----- Original Message -----
>>
>> From: Kees - pa7two
>>
>> To: acom-list@yahoogroups.com
>>
>> Sent: Wednesday, July 23, 2008 9:06 AM
>>
>> Subject: RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers
>>

>>
>>
>> Dear all,
>>
>>
>>
>> I've got some for the ones in the need for some spare GU74B tubes. I've
>> made some of the
>> ACOM reflector users very happy in the past :-)
>>
>>
>>
>> Contact me off-line, e-mail address OK on www.qrz.com
>>
>>
>>
>> Cheers,
>>
>>
>>
>> Vy 73, de Kees - pa7two
>>

2743. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 15:37:04 UTC
From: paul glassman
Topic: 2728 Message: 2743

kees, what is the price for a matched pair of gu74b's
shipped to usa 45040?
thanks paul w8jn

--- Kees - pa7two <pa7two@...> wrote:

>
> Dear all,
>
> I've got some for the ones in the need for some
> spare GU74B tubes. I've made some of the ACOM
> reflector users very happy in the past :-)
>
> Contact me off-line, e-mail address OK on
> www.qrz.com
>
> Cheers,
>
> Vy 73, de Kees - pa7two
>
>
> To: acom-list@yahoogroups.com
> From: K2QBV@...
> Date: Wed, 23 Jul 2008 06:19:24 -0400
> Subject: Re: [acom-list] Re: TUBES FOR THE GU74B
> Acom amplifiers
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>
> Mostly all GU74B tubes in the states are
> all gone. I don't think you want to buy a tube(s)
> off E-BAY.
>
>
>
> Joel, K2QBV
>
> ----- Original Message -----
>
> From: modessb
>
> To: acom-list@yahoogroups.com
>
> Sent: Tuesday, July 22, 2008 11:07 PM
>
> Subject: [acom-list] Re: TUBES FOR THE GU74B Acom
> amplifiers
>
>
>
> Does this mean Acom locally in the states will not
> support/sell tubes
>
> for their own product, Acom.
>
>
>
> Jim
>
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>
> --- In acom-list@yahoogroups.com, JOEL <K2QBV@...>
> wrote:
>
> >
>
> >
>
> > Attention owners of ACOM 1000 and 2000
> amplifiers.....
>
> >
>
> > I just received 2 sets of matched tested GU74B
> tubes from Vine
>
> Antennas for my Acom 2000A. Price was fair and
> most important, the

>
> tubes were tested and certified with documention.
> This appears to be
>
> the only way to go before the price on these tubes
> go way up there
>
> shortly. I know of no other way to purchase these
> GU74B amplifier
>
> tubes.
>
> >
>
> > Check on my previous e mails I had posted
> concerning more details,
>
> etc. I understand Ron at Vine antennas in the UK
> already had
>
> received orders close to 100 pieces and shipped
> most of them. No one
>
> else but Vine has a GU74B tester to check out the
> tubes.
>
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>
> > De K2QBV, Joel
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> Keep your kids safer online with Windows Live Family
> Safety.
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http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_072
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> removed]
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Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2744. RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 15:47:50 UTC
From: f5nbu
Topic: 2728 Message: 2744

Hello

I have buy 2 spare on ebay look at :
http://cgi.ebay.com/TUBE-GU-74B-GU74B-4CX800-NEW-IN-PLASTIC-BOX_W0QQitemZ300
241756911QQihZ020QQcategoryZ48710QQrdZ1QQssPageNameZWD1VQQcmdZViewItemQQ_trk
sidZp1638Q2em118Q2el1247

No waranty but it was the same for all NOS tube except at VINE.

73

Yann ☐ F5NBU

De : acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] De la part
de paul glassman
Envoyé : mercredi 23 juillet 2008 17:37
À : acom-list@yahoogroups.com
Objet : RE: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

kees, what is the price for a matched pair of gu74b's
shipped to usa 45040?
thanks paul w8jn

--- Kees - pa7two <pa7two@hotmail. <mailto:pa7two%40hotmail.com> com> wrote:

>
> Dear all,
>
> I've got some for the ones in the need for some
> spare GU74B tubes. I've made some of the ACOM
> reflector users very happy in the past :-)
>
> Contact me off-line, e-mail address OK on
> www.qrz.com
>
> Cheers,
>
> Vy 73, de Kees - pa7two
>
>
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> From: K2QBV@optonline. <mailto:K2QBV%40optonline.net> net
> Date: Wed, 23 Jul 2008 06:19:24 -0400
> Subject: Re: [acom-list] Re: TUBES FOR THE GU74B
> Acom amplifiers

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> Mostly all GU74B tubes in the states are
> all gone. I don't think you want to buy a tube(s)
> off E-BAY.
>
>
>
> Joel, K2QBV
>
> ----- Original Message -----
>
> From: modessb
>
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
>
> Sent: Tuesday, July 22, 2008 11:07 PM
>
> Subject: [acom-list] Re: TUBES FOR THE GU74B Acom
> amplifiers
>
>
>
> Does this mean Acom locally in the states will not
> support/sell tubes
>
> for their own product, Acom.
>
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>
> Jim
>

>
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> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
JOEL <K2QBV@...>
> wrote:
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> >
>
> > Attention owners of ACOM 1000 and 2000
> amplifiers.....
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>
> > I just received 2 sets of matched tested GU74B
> tubes from Vine
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> Antennas for my Acom 2000A. Price was fair and
> most important, the
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> tubes were tested and certified with documention.
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> the only way to go before the price on these tubes
> go way up there
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> shortly. I know of no other way to purchase these
> GU74B amplifier
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> tubes.
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> > Check on my previous e mails I had posted
> concerning more details,
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> etc. I understand Ron at Vine antennas in the UK
> already had
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> received orders close to 100 pieces and shipped
> most of them. No one
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> else but Vine has a GU74B tester to check out the
> tubes.
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> > De K2QBV, Joel
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ive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_family_safety_072008
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> [Non-text portions of this message have been
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si marmota monax materiam possit materiari?

[Non-text portions of this message have been removed]

2745. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 16:44:52 UTC
From: Paul M Dunphy
Topic: 2728 Message: 2745

At 12:20 PM 7/23/2008, you wrote:
>Is Kees getting bashed here?

I don't think anyone is getting bashed. Prior to 2006 there were cheap tubes available in NA. In 2007 the supply dried up. The only place to get them was from European re-sellers and they were NOS GU74b tubes, not 4CX800As. I found a guy in Ukraine who sold me reasonably priced tubes. All four I got worked fine. I don't need any more.

Kees has sold tubes off and on, and by all reports, his prices are reasonable and the quality is as good as anyone else.

Vine Electronics in the UK is the ONLY company anyone seems to be able to find that sells NOS GU74b tubes. Also, Vine tests them and guarantees them. Apparently you pay more for this testing and guarantee. There is nothing wrong with that.

I don't see where anyone is bashing anyone else, or any company. If anyone needs to be asked a question, it's ACOM themselves. Shouldn't the supplier of an amplifier be able to sell all spare parts, including tubes? I love my ACOM-1000, but I feel I should have been able to get a spare tube from ACOM USA, and not have to take my chances on NOS tubes. That's the only "bashing", and it's a minor one.

These are great amps, and all the tube vendors are doing their best to supply a once common tube, now that they have become scarce.

73, Paul VE1DX

2746. Re: [acom-list] Re: TUBES FOR THE GU74B Acom amplifiers

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-23 17:18:32 UTC
From: Kelly Johnson
Topic: 2728 Message: 2746

I have to agree with you. It doesn't make me the list bit happy that I paid
alot of money for an ACOM 1000 and ACOM can't supply spare/replacement
tubes. It makes me wish I had bought a different amplifier.

On 7/23/08, Paul M Dunphy <amplifier@...> wrote:
>
> At 12:20 PM 7/23/2008, you wrote:
> >Is Kees getting bashed here?
>
> I don't think anyone is getting bashed. Prior to 2006 there
> were cheap tubes available in NA. In 2007 the supply dried up. The
> only place to get them was from European re-sellers and they were NOS
> GU74b tubes, not 4CX800As. I found a guy in Ukraine who sold me
> reasonably priced tubes. All four I got worked fine. I don't need any more.
>
> Kees has sold tubes off and on, and by all reports, his prices
> are reasonable and the quality is as good as anyone else.
>
> Vine Electronics in the UK is the ONLY company anyone seems to
> be able to find that sells NOS GU74b tubes. Also, Vine tests them
> and guarantees them. Apparently you pay more for this testing and
> guarantee. There is nothing wrong with that.
>
> I don't see where anyone is bashing anyone else, or any
> company. If anyone needs to be asked a question, it's ACOM
> themselves. Shouldn't the supplier of an amplifier be able to sell
> all spare parts, including tubes? I love my ACOM-1000, but I feel I
> should have been able to get a spare tube from ACOM USA, and not have
> to take my chances on NOS tubes. That's the only "bashing", and it's
> a minor one.
>
> These are great amps, and all the tube vendors are doing their
> best to supply a once common tube, now that they have become scarce.
>
> 73, Paul VE1DX
>
>
>

[Non-text portions of this message have been removed]

2747. View a tube time

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-24 06:13:06 UTC
From: Frank, IZ7AUH
Topic: 2747 Message: 2747

Hi Guys,

what is a command to know how many time are a tube of my ACOM1000

Tnx!

Sincerely and 73,

FIRMA-FRANK1

Francesco Giacoia, IZ7AUH/WZ7AUH/HB9EGF

ARI Member - ARRL Member

E-mail: hello@... - wz7auh@...

Web: http://www.iz7auh.com

Phone: +39.349.47.06.795

[Non-text portions of this message have been removed]

2748. A2000A fail

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-24 12:08:32 UTC
From: Geir Øyvind Eriksen
Topic: 2728 Message: 2748

Hi get an

ANT.RELAY CLOSED

IS SHOULD BE OPEN

Fail message

Anything I can do with it ??

It shuts off after a few sec of warming

Or must I send the amp to service ?

Br/73

De LA5SJA/Geir

[Non-text portions of this message have been removed]

2749. Re: [acom-list] A2000A fail

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-24 13:15:13 UTC
From: Sigismonti Ronald
Topic: 2728 Message: 2749

This is likely to be a failed antenna switching relay in the output circuit. It can be repaired at home, but requires taking the front panel off to get to the relay on the 2000A. I have replaced my relay within the warrantee period and ACOM was very helpful. I suggest you call ACOM and explain the problem to them.

73 de Sig, N3RS

On Jul 24, 2008, at 8:08 AM, Geir Øyvind Eriksen wrote:

Hi get an

ANT.RELAY CLOSED

IS SHOULD BE OPEN

Fail message

Anything I can do with it ??

It shuts off after a few sec of warming

Or must I send the amp to service ?

Br/73

De LA5SJA/Geir

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2750. RE: [acom-list] View a tube time

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-24 15:47:08 UTC
From: Howard Klein
Topic: 2747 Message: 2750

Francesco,
Turn on main unit but do not press on/off button on RCU. Press ENT button. Move focus to help. Press ENT button again. Hours will appear on RCU. This fis or Acom 2000A. Sri didn't realize you wrote Acom 1000. May be the same so I am sending.
73,
Howard..K2HK
[Non-text portions of this message have been removed]

2751. Not getting messages

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-28 10:41:14 UTC
From: sam_w4pk
Topic: 2751 Message: 2751

For several weeks now I have not been receiving messages from this reflector, even though I am able to log in and view them. I suspect that the moderator or whatever robot controls this list had taken my address off the list when my e-mail provider (Hughes.net) upgraded my e-mail account and for a day or two during the process my e-mails bounced. This also happened with another reflector to which I belong. I apologize for taking up everybody's in-box with this, but I cannot find any reference on how I can contact the moderator. If there is in fact a moderator that is monitoring messages on this reflector, then please e-mail me directly at w4pk@... as obviously I will not see your answer on this reflector.

73, Sam W4PK

2752. RE: [acom-list] Not getting messages

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-28 11:46:05 UTC
From: Robert Naumann
Topic: 2751 Message: 2752

Sam,

If you log in to yahoogroups.com you can re-set your email address to allow emails to be sent to you without the moderator's involvement.

The process is somewhat cumbersome, but if you persist, you can get through it.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of sam_w4pk
Sent: Monday, July 28, 2008 5:41 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Not getting messages

For several weeks now I have not been receiving messages from this reflector, even though I am able to log in and view them. I suspect that the moderator or whatever robot controls this list had taken my address off the list when my e-mail provider (Hughes.net) upgraded my e-mail account and for a day or two during the process my e-mails bounced. This also happened with another reflector to which I belong. I apologize for taking up everybody's in-box with this, but I cannot find any reference on how I can contact the moderator. If there is in fact a moderator that is monitoring messages on this reflector, then please e-mail me directly at w4pk@... as obviously I will not see your answer on this reflector.

73, Sam W4PK

Yahoo! Groups Links

2753. Test msg

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-28 13:16:29 UTC
From: Sam Leslie - W4PK
Topic: 2753 Message: 2753

Hello Arnie. As requested, this is the test message to see if I can now receive messages. I thought I had already changed my settings to "individual Emails" when I first recognized that I had a problem, but I guess it didn't take. I will let you know via your personal e-mail address whether it works or not.

Again, my apologies to the reflector.

Sam W4PK

2754. Re: uh-oh low bias fault on start up -again

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-30 02:16:34 UTC
From: kamarty456
Topic: 2724 Message: 2754

As a follow up to my original posting ....

It has been determined I have a tube failure.
I suspected this, as the amp is almost 8 years old with original tubes.
The run time though is only around 3000 hours. I also never abused the amp.
I suspect the last bias error issue may have effected the longevity of the tube.
I will have both tubes replaced and a new matched pair installed so I can start out as if the amp was new.

I have read tube life as little as 500 hours to an excess of 10,000 hours. I suspect 3000+ hours is closer to a real value for the tube life as we use it.

For those of you with low bias error messages check with Will at Acom to be sure it's not the low voltage or bias circuit instead of a tube. But if you get a low bias error fault frequently I suspect you will be replacing a tube soon.

If I get anymore specific details I'll share it here.

Marty KA7GKN

2755. Flight case for Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-30 20:46:18 UTC
From: Callum M0MCX
Topic: 2755 Message: 2755

In case anyone is interested - or wants ideas to make a copy, I picked mine up today.

http://www.m0mcx.co.uk/?p=133

I use my amplifier mostly for Scouting and field type events, so it needs to be better protected and more convenient than the original cardboard box.

(PS - I had Ron's [Vinecom] third last set of matched tubes last week. He had two pairs left on Friday.)

73,
Callum McCormick
http://www.m0mcx.co.uk/
If you think education is expensive, try ignorance.

2756. rare piece for 2000a for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2008-07-31 18:44:37 UTC
From: paul glassman
Topic: 2756 Message: 2756

hi all,
i replaced the face plate for the 2000a rcu. it is "as new" with two small scratches on the "right arrow detent". the rest of the face is mint. replacement cost through acom is $140 shipped. i will send you this one for $49 shipped conus.
73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

[Non-text portions of this message have been removed]

2757. Installing GU74B tubes in Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 03:28:45 UTC
From: aa2mf
Topic: 2757 Message: 2757

Hello to all,
I just received two matched sets of GU74B tubes from Vine. At first I thought the tubes were defective, not putting out full power when placed in my Acom 2000a. After doing some research I found the low output to be caused by an incomplete instalation on my part. To prevent others from doing the same I am including what I have found to be the complete process in replaceing the matched set of GU74B tubes in my Acom 2000a.

First of the two stage process. The second stage is very important so don't miss doing it.

FIRST STAGE

ACOM 2000A TUBE REPLACEMENT INSTRUCTIONS

This step-by-step instruction is about the tubes replacement and idling currents re-adjustment of ACOM2000A power amplifier. Please follow all details closely since the work is difficult, with many details to keep track about, and might be dangerous too. Do not hesitate to contact your local dealer or nearest ACOM's service for any advice or if you don't feel comfortable with repairs!

W A R N I N G HIGH VOLTAGE!
==========
The amplifier works with high voltages up to 3000V which is LETHAL! For your safety pull the amplifier power plug out of the mains wall outlet and WAIT AT LEAST 30minutes EACH TIME BEFORE you remove the cover of the amplifier. Disconnect all cables from the amplifier (grounding last). Do not touch any part inside before ensuring as described below that no residual voltages are present!

1. OLD TUBES REMOVAL

First pull the amplifier power plug out of the mains wall outlet. Wait at least 30 minutes (or more if the amplifier has been just powered up). Be careful - tubes may be VERY HOT!

Remove the top cover by removing all screws except the eight located in the tube exhaust areas. Make sure that no residual DANGEROUS VOLTAGES are present. For the purpose take approximately 1m of WELL INSULATED lead (adequate for 3000V). Bare about 1cm at its both ends. Connect one of the ends FIRST to the GROUND STUD (on the rear panel), and AFTERWARDS, holding it BY THE INSULATION ONLY at a distance of minimum 10cm, touch with its second end consecutively the copper strip of the plate antiparasitic suppressors and each tube anode.

In order to remove old tubes, first unscrew a M3x8 screw located between them, which holds both antiparasitic suppressors to the capacitive divider (a metal plus Teflon cylinder between tubes). Keep the screw and washer for the mounting procedure later.

Unclip (one by one) the anode spring clips from both tubes, pressing to bottom with a finger each tube while removing its clip. Now unthread both temperature sensors (which seem like small transistors) out of the red rubber chimneys. Then unthread the red silicon rubber chimneys out of both anode heatsinks, together with the antiparasitic supressors (keep track not to bend temperature sensor leads).

At last, pull both tubes (one by one) out of their sockets using force directed to TOP ONLY since bending may destroy tube sockets.

2. MOUNTING NEW TUBES.

C A U T I O N
==========
Examine new tubes pins before inserting them in sockets. They must be stright and not inclined in respect to the ceramic base, otherwise any bended pin could damage the socket's spring contacts, thus the socket and/or the tube may become unusable

a) Put carefully one by one the new tubes ON the sockets without pressing nor inserting the pins. Keep track about their pins orientation. There is a larger gap between two pins (a pin is vacant) and it must coincide with the corresponding socket's larger gap. Be extremely careful about the tubes screen-grid ring for not to bend any of the socket's spring contacts. If needed, slide the tube carefully up and down while you align them. After that, count them: there must be 16 contacts clearly seen, close-fitting outside each tubes screen ring. This ensures that no one of the spring contacts has been damaged.

b) Align tubes pins so that EACH one would lay exactly in the gap, and at the width center of the socket's spring contacts. Use very small rotation movements during this alignment. Do not lift tubes during this operation in order not to disorder screen grid ring contacts (otherwise repeat the previous step (a).

c) Using a force of NO MORE THAN 50...60N (about 5...6kg or 12...15Lbs.) in VERTICAL DIRECTION ONLY, push carefully each tube (holding its plate heatsink) in order to insert tubes in the sockets. If you meet a greater resistance, do not force anymore and go back to recheck a) and b). Both tubes must fully seat in their sockets.

C A U T I O N
==========
After inserting tubes recheck all 16 contacts of each tubes screen ring.

d) Orient the red silicon rubber chimneys (together with the antiparasitic suppressors inside) so that:
- their small holes could be threaded over the temperature sensors later;
- the center of both antiparasitic suppressors could be screwed to the plate capacitive divider.

Now thread by small steps in parallel both chimneys over each tube plate heatsink. Keep track not to bend both temperature sensors during this operation. Clip both antiparasitic suppressor's spring contacts to each tube plate and orient their center hole to the capacitive divider nut.

Align carefully both rubber chimneys, so that they firmly contact the tube deck: otherwise a part of air flow would be exhausted uselessly. At last, install and tighten the antiparasitic suppressors to the capacitive divider using the saved at step (1) M3x8 screw and lock washer.

e) Insure that after tubes replacement all the wiring is restored to its former condition.

3. IDLING PLATE CURRENT RE-ADJUSTMENT.

After any tube replacement the BIAS voltage needs to be re-adjusted. There is a sub-menu in the SERVICE menu of the amplifier that is foreseen to monitor the idling current of the tubes (the sum for both tubes is displayed).

a) Pull the amplifier power plug out of the mains wall outlet and remove the top cover (it must have been done at step 2). Remove the front panel by removing four screws at the front-bottom edge, and two at the front-top. Put the front panel laying near the left side of the amplifier. Keep track not to fall it down occasionally during next steps. Install the top cover with at least 5 screws on top.

W A R N I N G HIGH VOLTAGE!
==========
Be careful - the mains voltage 220/240VAC will exist permanently on the mains switch (located on the front panel), and will be now accessible - do not touch its contacts! Keep track that nobody could access mains voltage there and do not leave the amplifier without a supervision during next testing period with front panel removed.

Feed mains voltage, turn on the amplifier and let tubes to work about 30 minutes in STANDBY mode.

Use a small size flat tip insulated screwdriver for next adjustments. Find the Interface PCB which is located at the right-hand side of the amplifier. Two trimmer potentiometers RP1 and RP2 (marked "375mA" and "50mA") control the idling (zero-signal) plate current of the tubes for low- and high-signal levels. Both regulators increase the plate current when rotated clockwise.

b) Do not apply any drive during adjustment. Enter the SERVICE sub-menu from the RCU. Using UP and DOWN arrow buttons, select the following screen :

PLATE CURRENT: mA
GRID BIAS : V

The grid bias voltage is monitored for information only. You have to follow the plate current while adjusting the two trimmers. Note that RP1 will affect both idling levels, while RP2 - only the low level. That is why the high level is adjusted first, and then the low level (according to the procedure described below).

At this point, the procedure is started by pressing the ENT button. Then the tubes are first controlled to the high-level idling current. It must be set between 360 and 390mA, typically 370-380mA. If needed, adjust it via RP1 marked "375mA". You will have about 15 seconds for this procedure, after which the tubes are cutted off (the current becomes zero). You could note a 0/10mA flicker on the display, which is normal during this period since the measuring resolution step is 10mA.

After a 15 seconds pause the tubes are controlled to the low-level idling current for another 15 seconds. Now the current must be set between 40 and 60mA, typically 50mA. If needed, adjust it via RP2 marked "50mA".

After this second session, the amplifier automatically leaves the SERVICE sub-menu, sensing its initial motors positions and retrieving last tuning. You may re-enter the SERVICE sub-menu several times in order to have enough time to make adjustments or just to check the resultant tubes idling currents.

4. REASSEMBLING THE AMPLIFIER

W A R N I N G HIGH VOLTAGE!
==========
After the adjustment procedure is completed, switch off the amplifier and pull the amplifier power plug out of the mains wall outlet. Leave the amplifier in this state for at least 1 hour in order to let the dangerously high tubes temperature and residual voltages to drop to safe values.

After 1 hour has expired, remove the top cover of the amplifier. Then install the front panel. Check whether the HV transformer's mounting bolts are properly tightened. At last install the top cover again using all its screws. Align screws thread to the nuts and do not force them since any captive nut on the chassis might be damaged.

by ACOM OOD

ACOM International, Inc
71 West Street
Medfield, MA 02052

Will Angenent, K6ND
K6nd@...

SECOND STAGE

AUTO TUNE PROCESS (in my Manual on Page 16, Section 4-1

The manual states to do an Auto Tune when changing antennas. There is no mention of doing an Auto Tune when replaceing the tubes. This should be done to get Max Output.

After djusting the High and Low bias setting put the amp into operate. Press the ENT botton twice. You will see the screen read APPLY DRIVE 10 TO 20W. Set the desired Band and center band frequency. With the RF output set to ZERO and the radio set for a steady output such as in RTTY press the transmitte botton. Slowly increase the RF output to an indication of center on the sliding scale. The AMP will AUTO TUNE then the screen will chnge to AUTOTUNE COMPLETE PLESE REMOVE DRIVE. Remove the drive power. Th Amp is now set to operate correctly on that band. Try driveing the amp to see what the maxamum output power is. Now repeat the AUTO TUNE for each band. Remember to set the band frequency to the center of area you care to operate.

Full RF output
I hope this information is helpfull.
Rich AA2MF

2758. Re:Installing GU74B tubes in Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 14:31:13 UTC
From: Hal Kennedy
Topic: 2757 Message: 2758

Having been around these amps a lot - I own two - having repaired several, done lots of tube changes and operated mine and others for 1,000s of hours, the #1 problem I see when these amps are in the hands of others is they are operated out of tune. There is a belief the amps auto-tune on a continuous basis. They don't. They auto-tune when you tell them to.

You need to manually direct them through the auto-tune process every time you change anything. Anytime you change antennas. Anytime you change tubes. Anytime it rains and the ground impedance of that 160 vertical of yours goes from 60 ohms to 30 ohms. Every time you crank the tower half way down, etc. The amp just stores settings and goes back to whatever it has stored. If anything has changed since - it has the wrong settings stored. This applies to every band segment too - not just every band.

The typical tip-off that its time to run auto-tune is if the amp is running hotter than usual for a given output, or if you can't get full output. Or if the SWR has changed. Pushing the amp to full output when it is way out of tune can damage the tubes - just like any other amplifier.

At my contest station, the power-up check list (which takes several hours to run to be fully ready to compete at a serious level) includes commanding an auto-tune on every antenna on every band on every band segment on both amplifiers (that kills 45 minutes all by itself). Its surprising how after a month of inactivity something has changed.

Auto-tune often - your tubes will appreciate it.

Best -
Hal, N4GG

[Non-text portions of this message have been removed]

2759. Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 16:10:27 UTC
From: Dave Hawes
Topic: 2759 Message: 2759

I have two ACOM 2000As. One of them has a problem that might be associated with the RCU.

Question: For testing purposes, can I use the 2nd amplifier's RCU with the 1st 2000A?

73 - Dave N3RD

2760. ACOM 2000a Update On Tube Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 18:22:41 UTC
From: aa2mf
Topic: 2760 Message: 2760

Hello to all,
This is the follow up to my first posting concerning tube replacement in my Acom 2000a amp.

First I must complement Ron from Vine Antennas Ltd who supplied me with the GU74B tubes. His help educating me to the correct procedure in tube replacement indicates the extent he is willing to go to satisfy a customer. Ron, Thank you for all your help.

That being said, the tubes received from Vine Antennas Ltd were received promptly and work perfectly providing full RF output on every band in my Acom 2000a amp.

The problem I was having in installing the tubes and corrected with the help of Ron from Vine Antennas Ltd was caused by not doing an AUTO TUNE procedure on each band with the new tubes installed. This procedure was never included with the instructions I had received from anyone on tube replacement.

****
Summary:
Complete instructions included at end of this message.
PLEASE READ FOR YOUR SAFTEY

3. IDLING PLATE CURRENT RE-ADJUSTMENT.

After any tube replacement the BIAS voltage needs to be re-adjusted. There is a sub-menu in the SERVICE menu of the amplifier that is foreseen to monitor the idling current of the tubes (the sum for both tubes is displayed).

a) Pull the amplifier power plug out of the mains wall outlet and remove the top cover (it must have been done at step 2). Remove the front panel by removing four screws at the front-bottom edge, and two at the front-top. Put the front panel laying near the left side of the amplifier. Keep track not to fall it down occasionally during next steps. Install the top cover with at least 5 screws on top.

W A R N I N G HIGH VOLTAGE!
==========
Be careful - the mains voltage 220/240VAC will exist permanently on the mains switch (located on the front panel), and will be now accessible - do not touch its contacts! Keep track that nobody could access mains voltage there and do not leave the amplifier without a supervision during next testing period with front panel removed.

Feed mains voltage, turn on the amplifier and let tubes to work about 30 minutes in STANDBY mode.

Use a small size flat tip insulated screwdriver for next adjustments. Find the Interface PCB which is located at the right-hand side of the amplifier. Two trimmer potentiometers RP1 and RP2 (marked "375mA" and "50mA") control the idling (zero-signal) plate current of the tubes for low- and high-signal levels. Both regulators increase the plate current when rotated clockwise.

b) Do not apply any drive during adjustment. Enter the SERVICE sub-menu from the RCU. Using UP and DOWN arrow buttons, select the following screen :

PLATE CURRENT: mA
GRID BIAS : V

The grid bias voltage is monitored for information only. You have to follow the plate current while adjusting the two trimmers. Note that RP1 will affect both idling levels, while RP2 - only the low level. That is why the high level is adjusted first, and then the low level (according to the procedure described below).

At this point, the procedure is started by pressing the ENT button. Then the tubes are first controlled to the high-level idling current. It must be set between 360 and 390mA, typically 370-380mA. If needed, adjust it via RP1 marked "375mA". You will have about 15 seconds for this procedure, after which the tubes are cutted off (the current becomes zero). You could note a 0/10mA flicker on the display, which is normal during this period since the measuring resolution step is 10mA.

After a 15 seconds pause the tubes are controlled to the low-level idling current for another 15 seconds. Now the current must be set between 40 and 60mA, typically 50mA. If needed, adjust it via RP2 marked "50mA".

After this second session, the amplifier automatically leaves the SERVICE sub-menu, sensing its initial motors positions and retrieving last tuning. You may re-enter the SERVICE sub-menu several times in order to have enough time to make adjustments or just to check the resultant tubes idling currents.

****
AUTO TUNE procedure on each band (SECTION 4-1 Acom Operation Manual)

To select the AUTO TUNE sub-menu while in the Main menu, press ENT twice:

APPLY 10 TO 20W
DRIVE -----< ----------- >-----

The amplifier will then wait for you to apply between 10 to 20W continuous (CW) signal with the desired frequency. If you leave the

amplifier waiting longer then 40 seconds, then it will automatically revert to the Main menu.

The automatic matching process starts the moment power remains constant within the indicated boundaries. The antenna impedance matching is executed automatically in less then 3 seconds and the following message to the operator appears, while the letter "S" is being sent in CW:

AUTOTUNE COMPLETED PLEASE REMOVE DRIVE

****

COMPLETE TUBE REPLACEMET INSTRUCTIONS

ACOM 2000A TUBE REPLACEMENT INSTRUCTIONS

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In order to remove old tubes, first unscrew a M3x8 screw located between them, which holds both antiparasitic suppressors to the capacitive divider (a metal plus Teflon cylinder between tubes). Keep the screw and washer for the mounting procedure later.

Unclip (one by one) the anode spring clips from both tubes, pressing to bottom with a finger each tube while removing its clip. Now unthread both temperature sensors (which seem like small transistors) out of the red rubber chimneys. Then unthread the red silicon rubber chimneys out of both anode heatsinks, together with the antiparasitic supressors (keep track not to bend temperature sensor leads).

At last, pull both tubes (one by one) out of their sockets using force directed to TOP ONLY since bending may destroy tube sockets.

2. MOUNTING NEW TUBES.

C A U T I O N
==========
Examine new tubes pins before inserting them in sockets. They must be stright and not inclined in respect to the ceramic base, otherwise any bended pin could damage the socket's spring contacts, thus the socket and/or the tube may become unusable

a) Put carefully one by one the new tubes ON the sockets without pressing nor inserting the pins. Keep track about their pins orientation. There is a larger gap between two pins (a pin is vacant) and it must coincide with the corresponding socket's larger gap. Be extremely careful about the tubes screen-grid ring for not to bend any of the socket's spring contacts. If needed, slide the tube carefully up and down while you align them. After that, count them: there must be 16 contacts clearly seen, close-fitting outside each tubes screen ring. This ensures that no one of the spring contacts has been damaged.

b) Align tubes pins so that EACH one would lay exactly in the gap, and at the width center of the socket's spring contacts. Use very small rotation movements during this alignment. Do not lift tubes during this operation in order not to disorder screen grid ring contacts (otherwise repeat the previous step (a).

c) Using a force of NO MORE THAN 50...60N (about 5...6kg or 12...15Lbs.) in VERTICAL DIRECTION ONLY, push carefully each tube (holding its plate heatsink) in order to insert tubes in the sockets. If you meet a greater resistance, do not force anymore and go back to recheck a) and b). Both tubes must fully seat in their sockets.

C A U T I O N
==========
After inserting tubes recheck all 16 contacts of each tubes screen ring.

d) Orient the red silicon rubber chimneys (together with the antiparasitic suppressors inside) so that:
- their small holes could be threaded over the temperature sensors later;

- the center of both antiparasitic suppressors could be screwed to the plate capacitive divider.

Now thread by small steps in parallel both chimneys over each tube plate heatsink. Keep track not to bend both temperature sensors during this operation. Clip both antiparasitic suppressor's spring contacts to each tube plate and orient their center hole to the capacitive divider nut.

Align carefully both rubber chimneys, so that they firmly contact the tube deck: otherwise a part of air flow would be exhausted uselessly. At last, install and tighten the antiparasitic suppressors to the capacitive divider using the saved at step (1) M3x8 screw and lock washer.

e) Insure that after tubes replacement all the wiring is restored to its former condition.

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a) Pull the amplifier power plug out of the mains wall outlet and remove the top cover (it must have been done at step 2). Remove the front panel by removing four screws at the front-bottom edge, and two at the front-top. Put the front panel laying near the left side of the amplifier. Keep track not to fall it down occasionally during next steps. Install the top cover with at least 5 screws on top.

W A R N I N G HIGH VOLTAGE!
==========
Be careful - the mains voltage 220/240VAC will exist permanently on the mains switch (located on the front panel), and will be now accessible - do not touch its contacts! Keep track that nobody could access mains voltage there and do not leave the amplifier without a supervision during next testing period with front panel removed.

Feed mains voltage, turn on the amplifier and let tubes to work about 30 minutes in STANDBY mode.

Use a small size flat tip insulated screwdriver for next adjustments. Find the Interface PCB which is located at the right-hand side of the amplifier. Two trimmer potentiometers RP1 and RP2 (marked "375mA" and "50mA") control the idling (zero-signal) plate current of the tubes for low- and high-signal levels. Both regulators increase the plate current when rotated clockwise.

b) Do not apply any drive during adjustment. Enter the SERVICE sub-menu from the RCU. Using UP and DOWN arrow buttons, select the following screen :

PLATE CURRENT: mA
GRID BIAS : V

The grid bias voltage is monitored for information only. You have to follow the plate current while adjusting the two trimmers. Note that RP1 will affect both idling levels, while RP2 - only the low level. That is why the high level is adjusted first, and then the low level (according to the procedure described below).

At this point, the procedure is started by pressing the ENT button. Then the tubes are first controlled to the high-level idling current. It must be set between 360 and 390mA, typically 370-380mA. If needed, adjust it via RP1 marked "375mA". You will have about 15 seconds for this procedure, after which the tubes are cutted off (the current becomes zero). You could note a 0/10mA flicker on the display, which is normal during this period since the measuring resolution step is 10mA.

After a 15 seconds pause the tubes are controlled to the low-level idling current for another 15 seconds. Now the current must be set between 40 and 60mA, typically 50mA. If needed, adjust it via RP2 marked "50mA".

After this second session, the amplifier automatically leaves the SERVICE sub-menu, sensing its initial motors positions and retrieving last tuning. You may re-enter the SERVICE sub-menu several times in order to have enough time to make adjustments or just to check the resultant tubes idling currents.

4. REASSEMBLING THE AMPLIFIER

W A R N I N G HIGH VOLTAGE!
==========
After the adjustment procedure is completed, switch off the amplifier and pull the amplifier power plug out of the mains wall outlet. Leave the amplifier in this state for at least 1 hour in order to let the dangerously high tubes temperature and residual voltages to drop to safe values.

After 1 hour has expired, remove the top cover of the amplifier. Then install the front panel. Check whether the HV transformer's mounting bolts are properly tightened. At last install the top cover again using all its screws. Align screws thread to the nuts and do not force them since any captive nut on the chassis might be damaged.

by ACOM OOD

ACOM International, Inc
71 West Street
Medfield, MA 02052

Will Angenent, K6ND
K6nd@...

2761. Re: [acom-list] Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 21:46:06 UTC
From: JOEL
Topic: 2759 Message: 2761

No, they are matched. I asked Will that question months ago.

Joel, K2QBV

----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, August 02, 2008 12:10 PM
Subject: [acom-list] Acom RCU swap

I have two ACOM 2000As. One of them has a problem that might be
associated with the RCU.

Question: For testing purposes, can I use the 2nd amplifier's RCU
with the 1st 2000A?

73 - Dave N3RD

[Non-text portions of this message have been removed]

2762. Re: [acom-list] Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 23:31:56 UTC
From: Dave Hawes
Topic: 2759 Message: 2762

Joel,

Thanks for the answer. I would have expected otherwise, since I recently returned my 2000A to Acom for repair, and did not include the RCU. Perhaps Will and Krassy have some "master key" type of RCU that they use for testing/repair.

I seem to recall somebody telling me a long time ago that if you apply a mis-matched RCU, that the RCU will complain, but that there is a way to get past the complaint.

Thanks again.

Dave

On 2 Aug 2008 at 17:46, JOEL wrote:

> No, they are matched. I asked Will that question months ago.
>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: Dave Hawes
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 02, 2008 12:10 PM
> Subject: [acom-list] Acom RCU swap
>
>
> I have two ACOM 2000As. One of them has a problem that might be
> associated with the RCU.
>
> Question: For testing purposes, can I use the 2nd amplifier's RCU
> with the 1st 2000A?
>
> 73 - Dave N3RD
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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2763. auto tune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 23:44:33 UTC
From: paul glassman
Topic: 2763 Message: 2763

i have a steppir vertical. swr is always 1:1. is there
a way to turn off the antenna tuner or bypass the
tuner in the 2000a?
73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2764. Re: [acom-list] auto tune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-02 23:58:57 UTC
From: Bill NY9H
Topic: 2763 Message: 2764

Since that "auto tune" feature of the ACOM 2000a is really the
tuning circuit for the final to "match" even 50 ohms....
I'll bet not. It's not really an antenna tuner.

Now if you have the ACOM antenna Tuner which is available for the 2000A...
I'll bet that has a bypass feature.

bill

At 06:44 PM 8/2/2008, you wrote:
>i have a steppir vertical. swr is always 1:1. is there
>a way to turn off the antenna tuner or bypass the
>tuner in the 2000a?
> 73 paul w8jn
>
>Quantum materiae materietur marmota monax
>si marmota monax materiam possit materiari?
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>Yahoo! Groups Links
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2765. Re: [acom-list] Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 02:34:43 UTC
From: Sigismonti Ronald
Topic: 2759 Message: 2765

I swapped them and although a VERY brief message indicating serial #'s didn't match, the amp worked AOK. I had no problem auto-tuning on any band with my RCU on your 2000A. HOWEVER, after putting your RCU back in, the amplifier still auto-tuned properly, even with the stackmatch connected!! I don't understand this. I only swapped once, but it was also AFTER I partially dismantled your RCU and unplugged the connector on the back and then replugged it. At the present time the 2000A's are both auto-tuning properly. The Antenna Master program is working properly as well, switching the antenna as the radio(s) are tuned (both sides). N1MM, however is still not sending QTC's correctly. I just rejoined the group and will post a query momentarily.

Sig

On Aug 2, 2008, at 5:46 PM, JOEL wrote:

No, they are matched. I asked Will that question months ago.

Joel, K2QBV

----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, August 02, 2008 12:10 PM
Subject: [acom-list] Acom RCU swap

I have two ACOM 2000As. One of them has a problem that might be associated with the RCU.

Question: For testing purposes, can I use the 2nd amplifier's RCU with the 1st 2000A?

73 - Dave N3RD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2766. Re: [acom-list] Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 02:35:44 UTC
From: Sigismonti Ronald
Topic: 2759 Message: 2766

Sorry, Joel. That last message was meant for N3RD.

73 de Sig

On Aug 2, 2008, at 5:46 PM, JOEL wrote:

No, they are matched. I asked Will that question months ago.

Joel, K2QBV

----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Saturday, August 02, 2008 12:10 PM
Subject: [acom-list] Acom RCU swap

I have two ACOM 2000As. One of them has a problem that might be
associated with the RCU.

Question: For testing purposes, can I use the 2nd amplifier's RCU
with the 1st 2000A?

73 - Dave N3RD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2767. Re: [acom-list] Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 09:15:26 UTC
From: LA7SL Nils "Peter"
Topic: 2759 Message: 2767

There are no physical or operating problems swapping RCU's.
You will get a warning message, but that can be suppressed.
Here is a note that Acom includes on the technical reference CD
available to Acom owners .
Please note that this procedure will erase all user settings in memory !
You will have to tune all antennas on each segment on all bands after doing this.
As somebody stated in another mail Acom 2000 A must be TOLD to autotune,-
or it will use def settings based on 1:1 match on the operating frequency.
Follow the autotune procedure in the manual and do it on a regular basis !
***
copy://
The "Serial numbers not matching" message appears if the RCU has ever been exchanged between two units. However, this message is only informative and it has no physical consequences.

To find out which are the real numbers, you can first erase the memory. Press and hold the ESC button and then turn ON the main power switch (on the front panel) while still holding the ESC button. The erasing procedure should complete in about 5s.
After that, with the RCU only powered, read the numbers in the HELP sub-menu, immediately after a memory erase, and before powering the main unit for the first time. Both numbers should be equal each other at this moment. This is the genuine RCU serial number.

Principally, the RCU and the main units are produced in pairs, so the numbers should coincide with the serial number of the amplifier as printed on its rear panel.

After a first power ON of the main unit, the serial numbers of the amplifier and its tubes are transferred to the RCU flash memory. Only the RCU serial number is preserved. These numbers will be shown in the HELP sub-menu always after that (until you erase the memory again).

If the RCU and the amplifier have been produced in a pair, their serial numbers should coincide again, also after having turned ON the main unit once or more times.

Although the numbers might differ, the warning message would be suppressed and it should not appear after having erased the memory.
//***
----- Original Message -----
From: Dave Hawes
To: acom-list@yahoogroups.com
Sent: Sunday, August 03, 2008 1:31 AM
Subject: Re: [acom-list] Acom RCU swap

Joel,

Thanks for the answer. I would have expected otherwise, since I
recently returned my 2000A to Acom for repair, and did not include
the RCU. Perhaps Will and Krassy have some "master key" type of RCU

that they use for testing/repair.

I seem to recall somebody telling me a long time ago that if you apply a mis-matched RCU, that the RCU will complain, but that there is a way to get past the complaint.

Thanks again.

Dave

On 2 Aug 2008 at 17:46, JOEL wrote:

> No, they are matched. I asked Will that question months ago.
>
> Joel, K2QBV
>
>
> ----- Original Message -----
> From: Dave Hawes
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 02, 2008 12:10 PM
> Subject: [acom-list] Acom RCU swap
>
>
> I have two ACOM 2000As. One of them has a problem that might be
> associated with the RCU.
>
> Question: For testing purposes, can I use the 2nd amplifier's RCU
> with the 1st 2000A?
>
> 73 - Dave N3RD
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2768. Re: [acom-list] auto tune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 15:15:51 UTC
From: paul glassman
Topic: 2763 Message: 2768

The only thing worse than getting a stupid attack, is
getting a stupid attack in public hihi. To those of
you who answered my querrie thanks... paul w8jn

--- Bill NY9H <ny9h@...> wrote:

> Since that "auto tune" feature of the ACOM 2000a is
> really the
> tuning circuit for the final to "match" even 50
> ohms....
> I'll bet not. It's not really an antenna tuner.
>
> Now if you have the ACOM antenna Tuner which is
> available for the 2000A...
> I'll bet that has a bypass feature.
>
> bill
>
> At 06:44 PM 8/2/2008, you wrote:
> >i have a steppir vertical. swr is always 1:1. is
> there
> >a way to turn off the antenna tuner or bypass the
> >tuner in the 2000a?
> > 73 paul w8jn
> >
> >Quantum materiae materietur marmota monax
> >si marmota monax materiam possit materiari?
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Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2769. Re: Acom RCU swap

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 17:01:26 UTC
From: Dick Green
Topic: 2759 Message: 2769

In case anyone is wondering, AntennaMaster is a Windows program I wrote to do automatic antenna switching and tuning in my SO2R contest station. Sig is using a beta copy of it in his M/2 station. I haven't decided whether to make the program generally available.

AntennaMaster gets the rig frequenies from the N1MM, Writelog, or Win-Test contest loggers, or from OmniRig, which is a freeware rig communications/sharing utility used by CW Skimmer. AntennaMaster uses the rig frequency information to optionally switch antennas via one or more Hamation Ethernet Relay Drivers.

AntennaMaster also optionally tunes up to three SteppIR antennas. At my station, the SteppIRs are stacked using a MicroHam micro Stack Max, which allows one antenna to be pulled out of the stack and routed to an alternate radio. AntennaMaster gets the stack configuration from the micro Stack Max and tunes each of the the three SteppIRs to the frequency of the rig to which it's been assigned.

Finally, AntennaMaster can optionally send each rig's frequency and selected antenna to an Acom 2000A attached to that rig. The ACOM will then tune to the appropriate segment/antenna. This is particularly nice when you change bands -- you don't have to send a dit or blow into the mic or lose the first part of your transmission while the 2000A tunes.

AntennaMaster makes it pretty easy to fully retune a 2000A, per N4GG's excellent pre-contest checklist recommendation, particularly of you have multiple antennas per band. You just go to a particular band segment, click on the desired antenna, push ENT twice on the RCU, and put the rig in transmit. Then push the next antenna button, push ENT twice on the RCU, and put the rig in transmit, etc. AntennaMaster save you the trouble of selecting the segment and antenna on the RCU.

I've been thinking about adding an autotune feature to AntennaMaster, where it would cycle through every segment of every band, automatically retuning the 2000A for all antennas for that band. I think that could be done without any user intervention if AntennaMaster is configured to use OmniRig for rig communications (it needs to set the rig frequency and put it in transmit, which it can't do via the loggers.) If OmniRig isn't available, the user would have to set the rig to the correct segment, push transmit and click OK in a dialog box.

If this sounds familiar, a very similar global autotune function is available in a DOS application called ACOM.EXE that ships on the Acom CD (I think they still ship the program.) The program works under stand-alone DOS, but I'm not sure it works in a DOS box under Windows. Modern PCs don't provide a stand-alone copy of DOS anymore. I think there's a public domain DOS look-alike that might work, though. Also, ACOM.EXE only supports COM 1 or COM 2 (the rig has to be on one and the amp on the other.) My system doesn't even have a COM 2. Finally, it only supports the FT-1000MP, FT-990 and FT-900 (though you can set the frequencies and TX/RX manually.)

73, Dick WC1M

--- In acom-list@yahoogroups.com, Sigismonti Ronald <n3rs@...> wrote:
>
> I swapped them and although a VERY brief message indicating serial
> #'s didn't match, the amp worked AOK. I had no problem auto-
tuning
> on any band with my RCU on your 2000A. HOWEVER, after putting
your
> RCU back in, the amplifier still auto-tuned properly, even with
the
> stackmatch connected!! I don't understand this. I only swapped
> once, but it was also AFTER I partially dismantled your RCU and
> unplugged the connector on the back and then replugged it. At the
> present time the 2000A's are both auto-tuning properly. The
Antenna
> Master program is working properly as well, switching the antenna
as
> the radio(s) are tuned (both sides). N1MM, however is still not
> sending QTC's correctly. I just rejoined the group and will post
a
> query momentarily.
>
>
> Sig
>
>
> On Aug 2, 2008, at 5:46 PM, JOEL wrote:
>
> No, they are matched. I asked Will that question months ago.
>
> Joel, K2QBV
>
> ----- Original Message -----
> From: Dave Hawes
> To: acom-list@yahoogroups.com
> Sent: Saturday, August 02, 2008 12:10 PM
> Subject: [acom-list] Acom RCU swap
>
> I have two ACOM 2000As. One of them has a problem that might be
> associated with the RCU.

>
> Question: For testing purposes, can I use the 2nd amplifier's RCU
> with the 1st 2000A?
>
> 73 - Dave N3RD
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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2770. ACOM 2000A Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 17:50:11 UTC
From: aa2mf
Topic: 2770 Message: 2770

Acom 2000a Heat sensor transistor replacement

Hello to all,
I am looking to replace the transistors mounted in the air flow of my Acom 2000a tubes. These are the transistors which are used to measure the temperature of the forced air cooling the GU74B tubes.

I am also considering installing transistor sockets onto the PC board where these transistors are currently soldered to. Plugging the transistors into the socket during normal amplifier operation, unplugging the transistors during tube removal.

Would anyone have the generic part number for this transistor?
I will try obtaining some from a parts distributor.

Thanks
Rich AA2MF

2771. Re: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 18:04:23 UTC
From: LA7SL Nils "Peter"
Topic: 2770 Message: 2771

The temp sensor is LM335Z .
Precision temp sensor.
available from several sources.
This is not obsololete but in current production
and should be easy to find. Just google LM335Z !
Peter

----- Original Message -----
From: aa2mf
To: acom-list@yahoogroups.com
Sent: Sunday, August 03, 2008 7:50 PM
Subject: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement

Acom 2000a Heat sensor transistor replacement

Hello to all,
I am looking to replace the transistors mounted in the air flow of my
Acom 2000a tubes. These are the transistors which are used to measure
the temperature of the forced air cooling the GU74B tubes.

I am also considering installing transistor sockets onto the PC board
where these transistors are currently soldered to. Plugging the
transistors into the socket during normal amplifier operation,
unplugging the transistors during tube removal.

Would anyone have the generic part number for this transistor?
I will try obtaining some from a parts distributor.

Thanks
Rich AA2MF

[Non-text portions of this message have been removed]

2772. Re: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-03 18:14:20 UTC
From: LA7SL Nils "Peter"
Topic: 2770 Message: 2772

http://www.mouser.com/Search/ProductDetail.aspx?qs=QVBMgXxBiLxnhrueuRfKxw%3D%3D

73 de Peter

----- Original Message -----
From: aa2mf
To: acom-list@yahoogroups.com
Sent: Sunday, August 03, 2008 7:50 PM
Subject: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement

Acom 2000a Heat sensor transistor replacement

Hello to all,
I am looking to replace the transistors mounted in the air flow of my
Acom 2000a tubes. These are the transistors which are used to measure
the temperature of the forced air cooling the GU74B tubes.

I am also considering installing transistor sockets onto the PC board
where these transistors are currently soldered to. Plugging the
transistors into the socket during normal amplifier operation,
unplugging the transistors during tube removal.

Would anyone have the generic part number for this transistor?
I will try obtaining some from a parts distributor.

Thanks
Rich AA2MF

[Non-text portions of this message have been removed]

2773. Re: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-04 01:21:02 UTC
From: marcelo@alternex.com.br
Topic: 2770 Message: 2773

These are no transistors, but temperature sensors.

Since contact resistance may interfere with the measurement, I would not mount them thru connectors. But I?m not a specialist.

Thanks for all who helped me with the Low Bias error in my Acom. It turned out that the tubes were OK, and the C2 Capacitor in the rectifier circuit was bad.

73s

Marcelo, PY1KN

> The temp sensor is LM335Z .
> Precision temp sensor.
> available from several sources.
> This is not obsololete but in current production
> and should be easy to find. Just google LM335Z !
> Peter
>
> ----- Original Message -----
> From: aa2mf
> To: acom-list@yahoogroups.com
> Sent: Sunday, August 03, 2008 7:50 PM
> Subject: [acom-list] ACOM 2000A Heat Sensor Transistor Replacement
>
>
> Acom 2000a Heat sensor transistor replacement
>
> Hello to all,
> I am looking to replace the transistors mounted in the air flow of my
> Acom 2000a tubes. These are the transistors which are used to measure
> the temperature of the forced air cooling the GU74B tubes.
>
> I am also considering installing transistor sockets onto the PC board
> where these transistors are currently soldered to. Plugging the
> transistors into the socket during normal amplifier operation,
> unplugging the transistors during tube removal.
>
> Would anyone have the generic part number for this transistor?
> I will try obtaining some from a parts distributor.
>
> Thanks
> Rich AA2MF
>
>
>

>
>
> [Non-text portions of this message have been removed]
>
>

2774. 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 15:24:53 UTC
From: N2TK
Topic: 2774 Message: 2774

> The problem first appeared today. When I power ON the amp, when the
> countdown gets to about 135 seconds, it shuts off and gives me a
> "Microprocessor Conflict" alarm.
>
> I have unplugged the amp for several minutes. Also tried reseating the
> microprocessor chip in the RCU. I still get the alarm.
>
> Any ideas on what I can try?
>
> Thanks,
> N2TK, Tony
>

[Non-text portions of this message have been removed]

2775. Re: [acom-list] 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 16:02:11 UTC
From: k2qmf@juno.com
Topic: 2774 Message: 2775

Tony,

I had the very same problem and it turned out to be a shorted cap on
the control board in the amplifier...

I worked with Stan at Acom to find the problem. Good Luck.

73,
Ted K2QMF

On Tue, 05 Aug 2008 11:24:53 -0400 "N2TK" <tony.kaz@...> writes:
>
> > The problem first appeared today. When I power ON the amp, when
> the
> > countdown gets to about 135 seconds, it shuts off and gives me a
> > "Microprocessor Conflict" alarm.
> >
> > I have unplugged the amp for several minutes. Also tried reseating
> the
> > microprocessor chip in the RCU. I still get the alarm.
> >
> > Any ideas on what I can try?
> >
> > Thanks,
> > N2TK, Tony
> >
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Stop collection calls. Click here to receive information on how to improve your credit.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3mIZV0YDLL8jNajTwB8WZz7gl7iq6OE2vFW5l1rRoTZYp7yv/

2776. RE: [acom-list] 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 17:29:06 UTC
From: N2TK
Topic: 2774 Message: 2776

Tnx Ted for the reply. Do you have Stan's current email address? I have
acom@...
Do you remember which cap?

73,
N2TK, Tony

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of k2qmf@...
Sent: Tuesday, August 05, 2008 12:02 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A problem

Tony,

I had the very same problem and it turned out to be a shorted cap on
the control board in the amplifier...

I worked with Stan at Acom to find the problem. Good Luck.

73,
Ted K2QMF

On Tue, 05 Aug 2008 11:24:53 -0400 "N2TK" <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> writes:
>
> > The problem first appeared today. When I power ON the amp, when
> the
> > countdown gets to about 135 seconds, it shuts off and gives me a
> > "Microprocessor Conflict" alarm.
> >
> > I have unplugged the amp for several minutes. Also tried reseating
> the
> > microprocessor chip in the RCU. I still get the alarm.
> >
> > Any ideas on what I can try?
> >
> > Thanks,
> > N2TK, Tony
> >
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> [Non-text portions of this message have been removed]
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Stop collection calls. Click here to receive information on how to improve
your credit.
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7iq6OE2vFW5l1rRoTZYp7yv/>
fers.juno.com/TGL2141/fc/Ioyw6i3mIZV0YDLL8jNajTwB8WZz7gl7iq6OE2vFW5l1rRoTZYp
7yv/

[Non-text portions of this message have been removed]

2777. Re: [acom-list] 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 18:06:22 UTC
From: k2qmf@juno.com
Topic: 2774 Message: 2777

Hi Tony,

That email address is the correct one for Stan...

The Cap is C6 on the CPU Board.
See the attached info on the cap and location...

Let me know how you make out.

73,
Ted K2QMF

On Tue, 05 Aug 2008 13:29:06 -0400 "N2TK" <tony.kaz@...> writes:
> Tnx Ted for the reply. Do you have Stan's current email address? I
> have
> acom@...
> Do you remember which cap?
>
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of k2qmf@...
> Sent: Tuesday, August 05, 2008 12:02 PM
> To: acom-list@yahoogroups.com
> Cc: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A problem
>
>
>
> Tony,
>
> I had the very same problem and it turned out to be a shorted cap
> on
> the control board in the amplifier...
>
> I worked with Stan at Acom to find the problem. Good Luck.
>
> 73,
> Ted K2QMF
>
> On Tue, 05 Aug 2008 11:24:53 -0400 "N2TK" <tony.kaz@verizon.
> <mailto:tony.kaz%40verizon.net> net> writes:

> >
> > > The problem first appeared today. When I power ON the amp, when
> > the
> > > countdown gets to about 135 seconds, it shuts off and gives me
> a
> > > "Microprocessor Conflict" alarm.
> > >
> > > I have unplugged the amp for several minutes. Also tried
> reseating
> > the
> > > microprocessor chip in the RCU. I still get the alarm.
> > >
> > > Any ideas on what I can try?
> > >
> > > Thanks,
> > > N2TK, Tony
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> Stop collection calls. Click here to receive information on how to
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> your credit.
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> 7iq6OE2vFW5l1rRoTZYp7yv/>
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Free information - Learn about Security Cameras. Click now!
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3mYHpzNdAXQfILoL4fHZbXyLyGWhun1h3kM4ZEbx53Lg68Qv/

[Non-text portions of this message have been removed]

2778. Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 19:33:25 UTC
From: Arnaud F4DPT
Topic: 2774 Message: 2778

Hello

I am with the research of the Excel file, to read the error of the ACOM 1000

Thank you

73

Arnaud

[Non-text portions of this message have been removed]

2779. RE: [acom-list] 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-05 20:37:13 UTC
From: bmarton
Topic: 2774 Message: 2779

I had a similar problem, which turned out to be a bad final tube. The amp shut down while doing the warm up.

Bruce K1XR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of k2qmf@...
Sent: Tuesday, August 05, 2008 2:06 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A problem

Hi Tony,

That email address is the correct one for Stan...

The Cap is C6 on the CPU Board.
See the attached info on the cap and location...

Let me know how you make out.

73,
Ted K2QMF

On Tue, 05 Aug 2008 13:29:06 -0400 "N2TK" <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> writes:
> Tnx Ted for the reply. Do you have Stan's current email address? I
> have
> acom@.... <mailto:acom%40mail.orbitel.bg> bg
> Do you remember which cap?
>
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
[mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com]
> On Behalf
> Of k2qmf@... <mailto:k2qmf%40juno.com>
> Sent: Tuesday, August 05, 2008 12:02 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Cc: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: Re: [acom-list] 2000A problem
>

>
>
> Tony,
>
> I had the very same problem and it turned out to be a shorted cap
> on
> the control board in the amplifier...
>
> I worked with Stan at Acom to find the problem. Good Luck.
>
> 73,
> Ted K2QMF
>
> On Tue, 05 Aug 2008 11:24:53 -0400 "N2TK" <tony.kaz@verizon.
> <mailto:tony.kaz%40verizon.net> net> writes:
> >
> > > The problem first appeared today. When I power ON the amp, when
>
> > the
> > > countdown gets to about 135 seconds, it shuts off and gives me
> a
> > > "Microprocessor Conflict" alarm.
> > >
> > > I have unplugged the amp for several minutes. Also tried
> reseating
> > the
> > > microprocessor chip in the RCU. I still get the alarm.
> > >
> > > Any ideas on what I can try?
> > >
> > > Thanks,
> > > N2TK, Tony
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>
> --
> Stop collection calls. Click here to receive information on how to
> improve

> your credit.
> http://thirdpartyof
>
<http://thirdpartyof
<http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3mIZV0YDLL8jNajTwB8WZz>
fers.juno.com/TGL2141/fc/Ioyw6i3mIZV0YDLL8jNajTwB8WZz
7gl
> 7iq6OE2vFW5l1rRoTZYp7yv/>
>
fers.juno.com/TGL2141/fc/Ioyw6i3mIZV0YDLL8jNajTwB8WZz7gl7iq6OE2vFW5l1rRoT
ZYp
> 7yv/
>
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>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

_____
Free information - Learn about Security Cameras. Click now!
http://thirdpartyof
<http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3mYHpzNdAXQfILoL4fHZbXyLy
GWhun1h3kM4ZEbx53Lg68Qv/>
fers.juno.com/TGL2141/fc/Ioyw6i3mYHpzNdAXQfILoL4fHZbXyLyGWhun1h3kM4ZEbx53Lg6
8Qv/

[Non-text portions of this message have been removed]

_____ Information from ESET NOD32 Antivirus, version of virus signature
database 3330 (20080805) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2780. Bias too low at power on

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-09 11:19:25 UTC
From: Barry
Topic: 2243 Message: 2780

I believe this has come up before. Anyone know what this error message means? Bad tube?

--

Barry Kutner, W2UP Newtown, PA

2781. RE: [acom-list] Bias too low at power on

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-09 11:47:59 UTC
From: N2TK
Topic: 2243 Message: 2781

Barry,
Here is what happened with mine when I got the low bias alarm. It turned out to be C2.

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry
Sent: Saturday, August 09, 2008 7:19 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Bias too low at power on

I believe this has come up before. Anyone know what this error message means? Bad tube?

--

Barry Kutner, W2UP Newtown, PA

[Non-text portions of this message have been removed]

2782. Re: [acom-list] Bias too low at power on

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-09 11:54:53 UTC
From: Barry
Topic: 2243 Message: 2782

Tony,
Did you troubleshoot/replace it yourself or wind up sending the amp back
to Acom?

N2TK wrote:
>
> Barry,
> Here is what happened with mine when I got the low bias alarm. It
> turned out
> to be C2.
>
> N2TK, Tony
>
>
>
> _____
>
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of Barry
> Sent: Saturday, August 09, 2008 7:19 AM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: [acom-list] Bias too low at power on
>
> I believe this has come up before. Anyone know what this error message
> means? Bad tube?
>
> --
>
> Barry Kutner, W2UP Newtown, PA
>
> [Non-text portions of this message have been removed]
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.138 / Virus Database: 270.6.0/1601 - Release Date: 8/8/2008 9:02 AM
>

--

Barry Kutner, W2UP Newtown, PA

2783. Fixed my 2000A Low Bias error!

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-14 23:33:59 UTC
From: Barry
Topic: 2783 Message: 2783

Wasn't a bad tube, after all.

Got some excellent tech support from Stan at Acom, via Tony, N2TK, who kindly provided me with his correspondence with Stan from 2 years ago for the same problem (Acom is on vacation this week.)

Turned out the problem was a bad filter capacitor (C2) on the Low Voltage board. Of course, the LV board is the bottom one in the stack of 3 boards, so the whole thing had to be disassembled, spacer by spacer, bridging ground wires, etc.. It been a while since I tackled a project like this, and fortunately, I had no left over (or missing) parts and no edge connectors that I couldn't figure out where to plug back in :.)

73,
Barry W2UP

--

Barry Kutner, W2UP Newtown, PA

2784. GU74b for sale in Germany

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-20 06:26:17 UTC
From: Hans Remeeus
Topic: 2784 Message: 2784

GU74b/4CX800
Verkaufe 4CX800/GU74b. Jede R?hre wird von mir 24 Std. vorgeheizt. F?r weitere Anbebote bitte auf www.dl3jj.de reinschauen! Preis: 90,- zzgl. Versand
Ralf Georgi - DL3JJ
Tel:0172/3520835
dl3jj@...

Quick translation:
For sale 4CX800/GU74b. Every tube has been pre-heated during 24 hours. Price 90 euro excluding shipping. For other offers please have a look at www.dl3jj.de

Bestseller ! New and pre-heated 24hrs!
GU74B, same as 4CX800 but much cheaper, is mostly-used tube in amps up to 800W.
Similar to 4CX800 but able to give some more watts output! You can find at: EMTRON DX1, or HF2500DXIII, or Ten TEC Titan III, or ACOM 1000 oder 2000.
Price: 90,- + shipping.

--
73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

2785. Update Acom 2000a Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-22 19:24:50 UTC
From: Richard Cariello
Topic: 2785 Message: 2785

Hello to all,
Around the beginning of August I requested information on replacing the Heat Sensor Transistor in my Acom 2000a. This is the follow-up message on the project.

My plan was to replace the Heat Sensor Transistors and mounting them into Transistor sockets. The reason for doing this was do to the bending of the Heat Sensor Leads causing them to break when replacing the final tubes. The additional soldering repairs was starting to cause damage to the mounting circuit board tracings. Normally I would think tube replacement should not need to be done for long periods of time. In my case replacement was done many time while testing newly received tubes causing damage to the Heat Sensor leads and ware on the circuit board traces.

The parts were obtained from Mouser Electronics (www.mouser.com) 800-346-6873. A special thanks to LA7SL Nils "Peter" for sending this information to me.

Precision Temperature Sensors, Part Number 511-LM335Z Mfg PN:LM335Z @ $0.62 each.
TO-5 Transistor Socket, Part Number 534-4590 Mfg PN:4590 @ $1.09 each.

The old Temperature Sensors were removed and the circuit board was desouldered. I found the spaceing of the transistor sockets and circuit board not to match. To solve this I removed the pins from the plastic holder. I then inserted each individual pin into the circuit board and resouldered. I then inserted the leads of the new Heat Sensor Transistor into the mounting pins making sure placement was correct and the leads did not touch each other.

The amp has been running now for a good four hours with some transmit time. All seems to be working as it should be.

Rich AA2MF

[Non-text portions of this message have been removed]

2786. RE: 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-22 19:48:13 UTC
From: N2TK
Topic: 2774 Message: 2786

I want to thank Stan of Acom and K2QMF for their help solving the problem. It turned out to be C14 in the RCU. It seems there may be a batch of blue colored 22nF caps that show low resistance after a while. C23 is also showing low resistance and will be replaced as soon as I get more caps.

Amp is working fine again.

73,
N2TK, Tony

> _____
> From: N2TK [mailto:tony.kaz@...]
> Sent: Tuesday, August 05, 2008 11:25 AM
> To: 'acom-list@yahoogroups.com'
> Subject: 2000A problem
>
>
> The problem first appeared today. When I power ON the amp, when the
> countdown gets to about 135 seconds, it shuts off and gives me a
> "Microprocessor Conflict" alarm.
>
> I have unplugged the amp for several minutes. Also tried reseating the
> microprocessor chip in the RCU. I still get the alarm.
>
> Any ideas on what I can try?
>
> Thanks,
> N2TK, Tony
>

[Non-text portions of this message have been removed]

2787. Re: [acom-list] RE: 2000A problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-22 20:37:24 UTC
From: k2qmf@juno.com
Topic: 2774 Message: 2787

Tony,

Very Interesting!!!

Thanks for the info and mention...

73,
Ted K2QMF

On Fri, 22 Aug 2008 15:48:13 -0400 "N2TK" <tony.kaz@...> writes:
>
> I want to thank Stan of Acom and K2QMF for their help solving the
> problem.
> It turned out to be C14 in the RCU. It seems there may be a batch of
> blue
> colored 22nF caps that show low resistance after a while. C23 is
> also
> showing low resistance and will be replaced as soon as I get more
> caps.
>
> Amp is working fine again.
>
> 73,
> N2TK, Tony
>
> > _____
> > From: N2TK [mailto:tony.kaz@...]
> > Sent: Tuesday, August 05, 2008 11:25 AM
> > To: 'acom-list@yahoogroups.com'
> > Subject: 2000A problem
> >
> >
> > The problem first appeared today. When I power ON the amp, when
> the
> > countdown gets to about 135 seconds, it shuts off and gives me a
> > "Microprocessor Conflict" alarm.
> >
> > I have unplugged the amp for several minutes. Also tried reseating
> the
> > microprocessor chip in the RCU. I still get the alarm.
> >
> > Any ideas on what I can try?
> >
> > Thanks,
> > N2TK, Tony
> >

>
>
> [Non-text portions of this message have been removed]
>
>
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>
> Yahoo! Groups Links
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>

Click to find local singles for dating, romance and fun.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3nguDwEr8XgAL9SGLAHClhnzxI8Lj2kRMadwMIUwfgXwrJK3/

2788. Re: Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-23 20:27:12 UTC
From: Bill NY9H
Topic: 2785 Message: 2788

Rich,

since now i have my spares , and was going to put the spares & saving the originals.... I want to ask,.. did the sensor leads go due to many tube swaps ???or just one "cycle" of assembly/disassembly? I would like to verify I do have a good set of spares.

tnx

bill

Around the beginning of August I requested information on replacing the Heat Sensor Transistor in my Acom 2000a.

2789. Re: [acom-list] Re: Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-23 15:53:50 UTC
From: K0DAN
Topic: 2785 Message: 2789

I've had my tubes in & out about a half dozen times (Acom 2000), one time being a tube swap.

Never had a problem with the heat sensors getting whacked. You do have to treat them tenderly, but this is mostly just guiding them in & out of the chimney material...not very difficult or trickey.

Perhaps dozens or hundreds of tube removals would be more brutal.

A pair of sockets would be convenient for this operation, but then introduces the chance of inverting the compnents when replacing them, also of poorer electrical contact with the leads.

I'd suggest you just go and swap the tubes and treat the sensors kindly. If you do happen to break the leads, you can always add the socket, but "if it ain't broke, don't fix it."

GL es 73
Dan
K0DAN

----- Original Message -----
From: "Bill NY9H" <ny9h@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, August 23, 2008 3:27 PM
Subject: [acom-list] Re: Heat Sensor Transistor Replacement

> Rich,
>
> since now i have my spares , and was going to put the spares & saving
> the originals.... I want to ask,.. did the sensor leads go due to
> many tube swaps ???or just one "cycle" of assembly/disassembly? I
> would like to verify I do have a good set of spares.
>
> tnx
>
> bill
>
>
> Around the beginning of August I requested information on replacing
> the Heat Sensor Transistor in my Acom 2000a.
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>
>

2790. Re: [acom-list] Re: Heat Sensor Transistor Replacement

Yahoo group: acom-list (1999 — 2009)
Date: 2008-08-23 17:15:44 UTC
From: Richard Cariello
Topic: 2785 Message: 2790

Bill,
In my experience the first time with one lead breaking. Being careful is important but just a simple push and the Heat Sensor leads are bent. Once it happens the leads are now weak and tend to bend then break. Resolder the heat sensor leads then the traces on the circuit board start to go. One repair leads into another. I decided to install sockets with new Heat Sensors starting fresh before I needed to replace both circuit boards. I personally feel more comfortable dealing with socket contact resistance then a pin head of solder holding the leads of the Heat Sensor together. Also from what I have seen the circuit board is not going to handle more then a few Heat Sensor changes or repairs before it becomes unusable.

Don't get me wrong. I'm not advocating installing sockets just for sake of something to do but if your Heat Sensors do get damaged I feel installing sockets as part of the repair is the way to go.

One final point. I could not find Transistor Sockets with the same spaceing of the circuit board. I had to remove the pins from the socket and install each one individually. Not difficult but just another step in the repair process.

Rich AA2MF

----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com
Sent: Saturday, August 23, 2008 4:27 PM
Subject: [acom-list] Re: Heat Sensor Transistor Replacement

Rich,

since now i have my spares , and was going to put the spares & saving
the originals.... I want to ask,.. did the sensor leads go due to
many tube swaps ???or just one "cycle" of assembly/disassembly? I
would like to verify I do have a good set of spares.

tnx

bill

Around the beginning of August I requested information on replacing
the Heat Sensor Transistor in my Acom 2000a.

[Non-text portions of this message have been removed]

2791. Trade a Collins for Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-03 03:38:26 UTC
From: kg4lru
Topic: 2791 Message: 2791

Have a Howard Mills restored Collins 75A4 receiver late serial number with all collins filters 4:1 Knob Completely repainted with Books 5121 out of 5800. Also have matching speaker.

2792. Spare GU74B tubes for sale

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-13 10:16:06 UTC
From: Kees - pa7two
Topic: 2792 Message: 2792

Dear all,

I have some spare GU74B tubes for sale. These are unused, NOS and in original Svetlana factory packaging.

If you are interested, please contact me off line. E-mail also OK on www . QRZ . com

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

_____
See how Windows connects the people, information, and fun that are part of your life.
http://clk.atdmt.com/MRT/go/msnnkwxp1020093175mrt/direct/01/

[Non-text portions of this message have been removed]

2793. 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 13:52:17 UTC
From: N2TK
Topic: 2793 Message: 2793

I wonder if anyone knows the maximum temperature I should run the 2000A? I know there seems to be no ill effects at running it at 65-80C degrees. How about you digital guys- how much power out do you run and how high a temp you get on the tube readouts?

By the way, I had purchased some GU74B's from eBay a while back. I ran them under filament voltage only for 24 hours. Then tried them on the 2000a. Got some to match within 2 degrees at 65C degrees. Guess that is pretty good.

73,
N2TK, Tony

2794. Re: [acom-list] 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 15:05:07 UTC
From: Hans Remeeus
Topic: 2793 Message: 2794

Hello Tony,

Even during 24 hours contests with "legal limit" no problems at all with extended heat!

The shack is very warm and no central heating is necessary, but the Acom 2000A does'nt give a signal that the heat is too much.

Temperature between 65 and 85 degrees C.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

N2TK schreef:
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran them
> under filament voltage only for 24 hours. Then tried them on the 2000a. Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>

2795. RE: [acom-list] 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 15:21:50 UTC
From: N2TK
Topic: 2793 Message: 2795

Tnx Hans for the feedback. On CW and SSB contests I have run 1500W out without any problems. My main concern now that I am getting into RTTY is how high a temperature and power out can I go safely?

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: Tuesday, September 23, 2008 11:05 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000a - max temp

Hello Tony,

Even during 24 hours contests with "legal limit" no problems at all with extended heat!

The shack is very warm and no central heating is necessary, but the Acom 2000A does'nt give a signal that the heat is too much.

Temperature between 65 and 85 degrees C.

73,
Hans Remeeus (PA1HR)
http://www.remeeus. <http://www.remeeus.eu> eu
Communication is about people, the rest is technology.

N2TK schreef:
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran them
> under filament voltage only for 24 hours. Then tried them on the 2000a. Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>

[Non-text portions of this message have been removed]

2796. 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 15:29:35 UTC
From: William Beyer
Topic: 2793 Message: 2796

65C to 85C here in the DX Shack.

No problems on RTTY mode.

1.5 kw out

GREAT Unit!!

73

Bill N2WB

DX RULES!!!

----- Original Message -----
From: N2TK
To: acom-list@yahoogroups.com
Sent: Tuesday, September 23, 2008 11:21 AM
Subject: RE: [acom-list] 2000a - max temp

Tnx Hans for the feedback. On CW and SSB contests I have run 1500W out without any problems. My main concern now that I am getting into RTTY is how high a temperature and power out can I go safely?

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: Tuesday, September 23, 2008 11:05 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000a - max temp

Hello Tony,

Even during 24 hours contests with "legal limit" no problems at all with extended heat!

The shack is very warm and no central heating is necessary, but the Acom 2000A does'nt give a signal that the heat is too much.

Temperature between 65 and 85 degrees C.

73,
Hans Remeeus (PA1HR)
http://www.remeeus. <http://www.remeeus.eu> eu
Communication is about people, the rest is technology.

N2TK schreef:
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran
them
> under filament voltage only for 24 hours. Then tried them on the 2000a.
Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2797. Re: [acom-list] 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 16:23:36 UTC
From: K0DAN
Topic: 2793 Message: 2797

I've never had my 2000A complain about heat. I believe those heat sensors in the chimneys not only measure, but will report a fault (shut down amp) in the event of excessive heat. But I'bve never had that happen.

Acom says you don't even need the AUX fan unless you're running 100% duty cycle (eg RTTY) for extended periods. In that case, the AUX fan is probably a wise decision, but I still think the amp will protect itself.

If your tubes run within a few degress of each other, you're doing great! If they start to drift apart, you know one tube is getting tired.

Even if you do start to see a temp difference between tubes, a slight decrease in power out (1KW vs 1.5KW) will not be heard on the air, yet will be more forgiving to an old tube which is on its last legs.

GL es 73
Dan
K0DAN

----- Original Message -----
From: "N2TK" <tony.kaz@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 23, 2008 8:52 AM
Subject: [acom-list] 2000a - max temp

>
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran
> them
> under filament voltage only for 24 hours. Then tried them on the 2000a.
> Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

2798. RE: [acom-list] 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-23 16:53:33 UTC
From: N2TK
Topic: 2793 Message: 2798

Tnx Dan for that info. I do have the auxiliary fan. It runs all the time. I have a filter on it. Used to check the amp twice a year for dust in the tube fins. But have not had any so far with 7k hours on the amp. So only take the amp down off the shelf in the basement once a year now. Replace the filter every year. Could not measure a difference in tube temp with and without the additional filter.

Been limiting my power out on RTTY to about 350W. Will try cranking it up and see how it goes.

I now have one pair (in the amp) that stays within 2 degrees. One pair that stays within 4 degrees and one pair that stays within 6 degrees. Guess I should be good for quite a while :-)
I had a tube failure a while back with only 6100 hours on the tubes. Thought that was quite low for these type of tubes.

CU in the RTTY pileups with some more power now.
73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of K0DAN
Sent: Tuesday, September 23, 2008 12:24 PM
To: acom-list@yahoogroups.com
Cc: tony.kaz@...
Subject: Re: [acom-list] 2000a - max temp

I've never had my 2000A complain about heat. I believe those heat sensors in

the chimneys not only measure, but will report a fault (shut down amp) in the event of excessive heat. But I'bve never had that happen.

Acom says you don't even need the AUX fan unless you're running 100% duty cycle (eg RTTY) for extended periods. In that case, the AUX fan is probably a wise decision, but I still think the amp will protect itself.

If your tubes run within a few degress of each other, you're doing great! If

they start to drift apart, you know one tube is getting tired.

Even if you do start to see a temp difference between tubes, a slight decrease in power out (1KW vs 1.5KW) will not be heard on the air, yet will be more forgiving to an old tube which is on its last legs.

GL es 73
Dan

K0DAN

----- Original Message -----
From: "N2TK" <tony.kaz@verizon. <mailto:tony.kaz%40verizon.net> net>
To: <acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com>
Sent: Tuesday, September 23, 2008 8:52 AM
Subject: [acom-list] 2000a - max temp

>
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran
> them
> under filament voltage only for 24 hours. Then tried them on the 2000a.
> Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

2799. Re: 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-25 07:21:54 UTC
From: Uffe Lindhardt
Topic: 2793 Message: 2799

The blower on the ACOM 1000 will speed up when the temperature exceeds 90C, so I guess ACOM thinks the exhaust temperature should stay at 90C or below.

That said, it is not so easy to reach that temperature without continous key-down.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@...> wrote:
>
>
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran them
> under filament voltage only for 24 hours. Then tried them on the 2000a. Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>

2800. RE: [acom-list] Re: 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-25 11:26:20 UTC
From: N2TK
Topic: 2793 Message: 2800

Good info Uffe.
Tnx
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Uffe Lindhardt
Sent: Thursday, September 25, 2008 3:22 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: 2000a - max temp

The blower on the ACOM 1000 will speed up when the temperature exceeds 90C, so I guess ACOM thinks the exhaust temperature should stay at 90C or below.

That said, it is not so easy to reach that temperature without continous key-down.

73 Uffe PA5DD

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, "N2TK" <tony.kaz@...> wrote:
>
>
> I wonder if anyone knows the maximum temperature I should run the 2000A? I
> know there seems to be no ill effects at running it at 65-80C degrees. How
> about you digital guys- how much power out do you run and how high a temp
> you get on the tube readouts?
>
> By the way, I had purchased some GU74B's from eBay a while back. I ran them
> under filament voltage only for 24 hours. Then tried them on the 2000a. Got
> some to match within 2 degrees at 65C degrees. Guess that is pretty good.
>
> 73,
> N2TK, Tony
>

[Non-text portions of this message have been removed]

2801. Re: 2000a - max temp

Yahoo group: acom-list (1999 — 2009)
Date: 2008-09-25 19:32:51 UTC
From: Hans , PA3HGT
Topic: 2793 Message: 2801

No problems occurred when i drove my Acom 2000a to 99 C° :

http://www.pa3hgt.nl/99graden.jpg

You can see more Acom 1000 & 2000a photo's at : http://www.pa3hgt.nl !

Enjoy.

73,Hans,PA3HGT

--- In acom-list@...m, "Uffe Lindhardt" <pa5dd@...> wrote:
>
> The blower on the ACOM 1000 will speed up when the temperature exceeds
> 90C, so I guess ACOM thinks the exhaust temperature should stay at 90C
> or below.
>
> That said, it is not so easy to reach that temperature without
> continous key-down.
>
> 73 Uffe PA5DD
>
> --- In acom-list@yahoogroups.com, "N2TK" <tony.kaz@> wrote:
> >
> >
> > I wonder if anyone knows the maximum temperature I should run the
> 2000A? I
> > know there seems to be no ill effects at running it at 65-80C
> degrees. How
> > about you digital guys- how much power out do you run and how high a
> temp
> > you get on the tube readouts?
> >
> > By the way, I had purchased some GU74B's from eBay a while back. I
> ran them
> > under filament voltage only for 24 hours. Then tried them on the
> 2000a. Got
> > some to match within 2 degrees at 65C degrees. Guess that is pretty
> good.
> >
> > 73,
> > N2TK, Tony
> >
>

2802. Acom 2000A and SteppIR with 30/40

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-04 22:23:11 UTC
From: Richard Zalewski
Topic: 2802 Message: 2802

Looking to have offline discussion with someone running Acom 2000A and
a SteppIR 3 element with the 30/40 kit.

--
Tnx es 73
Dick W7ZR
www.w7zr.com

When you come to a fork in the road, take it.

2803. Re: Acom 2000A and SteppIR with 30/40

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-04 23:36:58 UTC
From: lz2jr
Topic: 2802 Message: 2803

--- In acom-list@yahoogroups.com, "Richard Zalewski" <dick.w7zr@...>
wrote:
>
> Looking to have offline discussion with someone running Acom 2000A and
> a SteppIR 3 element with the 30/40 kit.
>
>
> --
> Tnx es 73
> Dick W7ZR
> www.w7zr.com
>
> When you come to a fork in the road, take it.
>
Hi Dick,
I got 3 el. steppIR with 30/40m addon and ACOM-2000A. May I help you?

Regards,
Boris lz2jr

2804. 2000A strange operation

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 04:57:03 UTC
From: gj450
Topic: 2804 Message: 2804

Hello All,

I have a Acom 2000A that is operating strange. The driver is a Elecraft K3. In SSB the K3 set for 40 watts output. The output from the Acom tends to 'jump'. On softer parts of speech the output is a few hundred watts then 'jumps' to 700 or 800 watts. In cw mode the power output is fairly linear over the complete range. Any idea on whats going on here ? I have tried the amp with two K3s and both have the same behavior.
Any ideas welcome !

73, Jerry, KE9I

2805. Re: [acom-list] 2000A strange operation

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 10:17:44 UTC
From: LA7SL Nils "Peter"
Topic: 2804 Message: 2805

. Put the power meter in the drive line between K3 and amp.
Check K3's output directly with amp in stby - then with amp
in opr. Could be the K3 does not like strong RF-fields in SSB
mode. Have seen this problem many times with K2 and K3.
I suspect the K's are extremely good receivers with a rather
poor TX " add-on " :-) Have me excused here Elecraft fans...
the receivers really are superb,- maybe not so with the transmitter
part of the Elecrafts...
Peter
----- Original Message -----
From: gj450
To: acom-list@yahoogroups.com
Sent: Sunday, October 19, 2008 6:57 AM
Subject: [acom-list] 2000A strange operation

Hello All,

I have a Acom 2000A that is operating strange. The driver is a
Elecraft K3. In SSB the K3 set for 40 watts output. The output from
the Acom tends to 'jump'. On softer parts of speech the output is a
few hundred watts then 'jumps' to 700 or 800 watts. In cw mode the
power output is fairly linear over the complete range. Any idea on
whats going on here ? I have tried the amp with two K3s and both have
the same behavior.
Any ideas welcome !

73, Jerry, KE9I

[Non-text portions of this message have been removed]

2806. low gain fault solved ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 10:47:48 UTC
From: LA7SL Nils "Peter"
Topic: 2806 Message: 2806

Hi all !
For a long time I have tried to solve a strange problem in
our Acom 2000A . Very often it would protect showing
"low gain fault" . Very often this would be happening :
carrier on from tx. 10 sek normal operation, then power
falls back to abt 600 watts for 1 to 2 sek before protect.
"everything" was tried..including checking tubes.
Then I read a posting here advising ferrite on cables to amp.
This has now been tested extensively. The result is that ferrite
on the RCU cable near the amp helps a lot. Keying line may help.
The problem was intermittent before the ferrites were tried, and more
or less band independent. This made it difficult to evaluate results.
Could be that the decoupling capacitors in the Acom (back panel)
is of insufficient value or quality. The results so far shows that
the low gain fault problems are reduced with a factor ten WITH the
ferrites as opposed to WITHOUT ferrites. Next step will be to change
all back panel decoupling caps and components while keeping compliance
with electrical codes (mains line !) and keying and data line characteristics.
Be careful to chose correct ferrite material !
More later....
Peter

[Non-text portions of this message have been removed]

2807. Re: 2000A strange operation

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 15:43:55 UTC
From: N1EU
Topic: 2804 Message: 2807

--- In acom-list@yahoogroups.com, "gj450" <jend@...> wrote:

> I have a Acom 2000A that is operating strange. The driver is a
> Elecraft K3. In SSB the K3 set for 40 watts output. The output from
> the Acom tends to 'jump'. On softer parts of speech the output is a
> few hundred watts then 'jumps' to 700 or 800 watts. In cw mode the
> power output is fairly linear over the complete range. Any idea on
> whats going on here ?

If you haven't already done so, download and install the latest K3 firmware. Later versions result in much more consistent ssb output levels.

Make sure you are using sufficient mic gain. With compression off, a constant "ahhh" into the mic should result in a constant 5 bars on the ALC meter. With my HC5 mic element, I have mic = 30 with the hi gain (mic sel = rP.H) input setting. Finally in the Config menu, set TXG VCE = 1.5 or 2.0dB.

73,
Barry N1EU

2808. To be or not to be ? ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 20:13:18 UTC
From: coa132435
Topic: 2808 Message: 2808

I am ready to pull the trigger to bu my next amplifier. I am impressed with the feedback on the Acom 1000 but my BIG concern is the future availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even though it has very good reviews I think the ACOM 1000 has more room. I will appreciate any suggestion or explanation on the amp and the 4CX800A issue.

73,

2809. RE: [acom-list] To be or not to be ? ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 20:18:06 UTC
From: Kees - pa7two
Topic: 2808 Message: 2809

No problem with availability of spare GU74B tubes. Prices go up each year, sure, but no problems to obtain them. Ask me for details if you need spares.
Acom 1000 is a perfect amplifier. See my reviews on both the Acom 1000 and Acom 1010 on www . eham.net.
Vy 73, de Kees - pa7two.

To: acom-list@yahoogroups.comFrom: coa132435@...: Sun, 19 Oct 2008 20:13:18 +0000Subject: [acom-list] To be or not to be ? ACOM 1000

I am ready to pull the trigger to bu my next amplifier. I am impressed with the feedback on the Acom 1000 but my BIG concern is the future availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even though it has very good reviews I think the ACOM 1000 has more room. I will appreciate any suggestion or explanation on the amp and the 4CX800A issue.73,

_____
You live life beyond your PC. So now Windows goes beyond your PC.
http://clk.atdmt.com/MRT/go/115298556/direct/01/

[Non-text portions of this message have been removed]

2810. Re: [acom-list] To be or not to be ? ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 20:19:35 UTC
From: Paul M Dunphy
Topic: 2808 Message: 2810

At 05:13 PM 10/19/2008, you wrote:
>I am ready to pull the trigger to bu my next amplifier. I am impressed
>with the feedback on the Acom 1000 but my BIG concern is the future
>availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz
>coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even
>though it has very good reviews I think the ACOM 1000 has more room.
>I will appreciate any suggestion or explanation on the amp and the
>4CX800A issue.
>
>73,

Best piece of Ham radio equipment I ever purchased. GU74b
(a/k/a 4CX800As) are the only concern, and there are enough NOS ones
available in the $200-$400 range to stock up on 2-3 and have a
lifetime supply. I highly recommend it. Been going almost 12 hours
a day for 1.5 years here, 160M through 6M usage.

73, Paul VE1DX

2811. Re: [acom-list] To be or not to be ? ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 20:45:29 UTC
From: Jim Cox
Topic: 2808 Message: 2811

Pick up a couple of spares and you will be set for life... They are readily available from many sources but keep on getting more expensive (as is everything else).
Many reputable sources in europe sell them. Jim K4JAF

----- Original Message -----
From: coa132435
To: acom-list@yahoogroups.com
Sent: Sunday, October 19, 2008 3:13 PM
Subject: [acom-list] To be or not to be ? ACOM 1000

I am ready to pull the trigger to bu my next amplifier. I am impressed with the feedback on the Acom 1000 but my BIG concern is the future availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even though it has very good reviews I think the ACOM 1000 has more room. I will appreciate any suggestion or explanation on the amp and the 4CX800A issue.

73,

[Non-text portions of this message have been removed]

2812. Re: Availability of GU74B ACOM AMP TUBES.

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-19 23:12:43 UTC
From: jhk40
Topic: 2808 Message: 2812

--- In acom-list@yahoogroups.com, "coa132435" <coa132435@...> wrote:
>
> I am ready to pull the trigger to bu my next amplifier. I am
impressed
> with the feedback on the Acom 1000 but my BIG concern is the
future
> availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz
> coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even
> though it has very good reviews I think the ACOM 1000 has more
room.
> I will appreciate any suggestion or explanation on the amp and the
> 4CX800A issue.
>
> 73,
>

As stated many times, Vine Antennas in the UK has supplied GU74B tubes AFTER BEING TESTED with a guaranty. Vine has supplied over 125 tubes in the USA and I myself have purchased two sets of these. Yes, they're people in Europe selling these but they are NOT fully tested with a test jig and without specs given out. Check on the VINE ANTENNAS site for a fair price and load up for the GU74B will be going up and up and up in price. I looked around for a wehile but other people have purchased the tubes off E Bay and are NOT in the tube or amplifier business.

Joel, K2QBV

2813. Re: [acom-list] To be or not to be ? ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-20 05:03:08 UTC
From: Hans Remeeus
Topic: 2808 Message: 2813

Don't worry. This GU74b tube is very solid and will last many many years! Under normal operating conditions perhaps ten years. I paid between 35 untill 60 euro for new GU74b's on several European hamradio markets.

The Acom 1000 is a very solid, reliable and silent linear amplifier. You will like it very much!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

coa132435 schreef:
> I am ready to pull the trigger to bu my next amplifier. I am impressed
> with the feedback on the Acom 1000 but my BIG concern is the future
> availability of the 4CX800A. I want around 800W with 1.8 - 54 MHz
> coverage. I am also considering th Tokyo Hy-Power 1.5Kfx and even
> though it has very good reviews I think the ACOM 1000 has more room.
> I will appreciate any suggestion or explanation on the amp and the
> 4CX800A issue.
>
> 73,
>

2814. tr4b error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-20 17:32:40 UTC
From: pa5cw
Topic: 2814 Message: 2814

After one year of cw operation, I ngot a tr4b error.

According to Ron (vine), it could be to low main voltage supply.

After changing the tap on the main transformer, the problem was not solved. There where some other test from Acom, but it was difficult to check it because all of the automatic safety check performed by the cpu in the Acom.

I suspected the output relais, but could not test it, because of the safety checks.

Finnaly I returned the Acon to Ron and it was repaired withouth costs!

The problem was indeed the output relais, so I wonder if the lifetime is limited by heavely use of CW (semi brak in with K3).

Kees PA5CW

2815. Re: tr4b error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-20 23:36:53 UTC
From: chris909751
Topic: 2814 Message: 2815

What is a TR4B error.....???
And how did you get it.....???
I get a Hot Switching error on my 1000, but when i spoke to Ron at vine, his say's it must be my fault, as load's of people use these radio's with the acom and never get a problem.
So is a TR4B the same as hot switching.....???

2816. Re: [acom-list] Re: tr4b error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 00:25:47 UTC
From: DJ3IW Götz
Topic: 2814 Message: 2816

Hi Chris,

I had this TR4B just a couple of days ago. See the ACOM1000 manual, chapter 6.5 for an explanation. Apparently the 1000s software periodically checks several parameters when transmitting. I read the TR4B meaning as the checked parameter/signal indicated an open output relay while transmitting. In my case the protection circuitry did an immediate shut-down of the amp - the red light came on. After a while I turned the amp on again and used it in last weekends RTTY contest without any faults.

73 de Goetz DJ3IW
----- Original Message -----
From: "chris909751" <chris.g7pws@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, October 20, 2008 11:36 PM
Subject: [acom-list] Re: tr4b error

What is a TR4B error.....???
And how did you get it.....???
I get a Hot Switching error on my 1000, but when i spoke to Ron at vine, his say's it must be my fault, as load's of people use these radio's with the acom and never get a problem.
So is a TR4B the same as hot switching.....???

2817. Re: tr4b error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 09:17:43 UTC
From: chris909751
Topic: 2814 Message: 2817

OK.....Thank's for that.

--- In acom-list@yahoogroups.com, DJ3IW Götz <goetzlin@...> wrote:
>
> Hi Chris,
>
> I had this TR4B just a couple of days ago. See the ACOM1000
> manual, chapter 6.5 for an explanation. Apparently the 1000s
> software periodically checks several parameters when transmitting.
> I read the TR4B meaning as the checked parameter/signal indicated
> an open output relay while transmitting. In my case the protection
> circuitry did an immediate shut-down of the amp - the red light
> came on. After a while I turned the amp on again and used it in
> last weekends RTTY contest without any faults.
>
> 73 de Goetz DJ3IW
> ----- Original Message -----
> From: "chris909751" <chris.g7pws@...>
> To: <acom-list@yahoogroups.com>
> Sent: Monday, October 20, 2008 11:36 PM
> Subject: [acom-list] Re: tr4b error
>
>
> What is a TR4B error........???
> And how did you get it.....???
> I get a Hot Switching error on my 1000, but when i spoke to Ron at
> vine, his say's it must be my fault, as load's of people use these
> radio's with the acom and never get a problem.
> So is a TR4B the same as hot switching.....???
>

2818. Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 13:24:34 UTC
From: Callum M0MCX
Topic: 2818 Message: 2818

I know if the heater light flashes, it's because the voltage is too high. Do I take it that if it stays on for any amount of time (a second or two) it means the voltage is too low - or is it something else. Maybe I didn't look in the manual too hard but I use my 2000 mostly for field events and I often get strange voltages to play with.

?

Callum McCormick
http://www.m0mcx.co.uk/

I don't have a sig anymore

2819. Re: [acom-list] Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 17:06:26 UTC
From: Hans Remeeus
Topic: 2818 Message: 2819

Hello Callum,

That is correct:

Flashing means that the heater voltage is too high.
Slowly on and off means that the heater voltage is too low.

You can set the range of your voltage in the menu!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Callum M0MCX schreef:
>
>
> I know if the heater light flashes, it's because the voltage is too high. Do
> I take it that if it stays on for any amount of time (a second or two) it
> means the voltage is too low - or is it something else. Maybe I didn't look
> in the manual too hard but I use my 2000 mostly for field events and I often
> get strange voltages to play with.
>
> ?
>
> Callum McCormick
> http://www.m0mcx.co.uk/ <http://www.m0mcx.co.uk/>
>
> I don't have a sig anymore
>

2820. RE: [acom-list] Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 17:32:58 UTC
From: George Steube
Topic: 2818 Message: 2820

Don't worry about the flashing and don't try to change taps unless it becomes consistent. Most power companies will only control line voltage to 5 or 10%, and depending on changing loads you can see some high fluctuations. The problem is usually worse in the spring of fall when air conditioning loads are changing.
George
W2GS
-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Hans Remeeus
Sent: Tuesday, October 21, 2008 12:06 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Heater light flicking on ACOM 2000

Hello Callum,

That is correct:

Flashing means that the heater voltage is too high.
Slowly on and off means that the heater voltage is too low.

You can set the range of your voltage in the menu!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Callum M0MCX schreef:
>
>
> I know if the heater light flashes, it's because the voltage is too high. Do
> I take it that if it stays on for any amount of time (a second or two) it
> means the voltage is too low - or is it something else. Maybe I didn't look
> in the manual too hard but I use my 2000 mostly for field events and I often
> get strange voltages to play with.
>
> ?
>
> Callum McCormick
> http://www.m0mcx.co.uk/ <http://www.m0mcx.co.uk/>
>

> I don't have a sig anymore
>

[Non-text portions of this message have been removed]

2821. Re: [acom-list] Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 17:35:09 UTC
From: Hans Remeeus
Topic: 2818 Message: 2821

Right.

Better for the tubes is a bit higher heater voltage than too low!!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

George Steube schreef:
>
>
> Don't worry about the flashing and don't try to change taps unless it
> becomes consistent. Most power companies will only control line voltage to
> 5 or 10%, and depending on changing loads you can see some high
> fluctuations. The problem is usually worse in the spring of fall when air
> conditioning loads are changing.
> George
> W2GS

2822. Re: [acom-list] Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-21 20:43:25 UTC
From: kg4lru@aol.com
Topic: 2818 Message: 2822

Also most likely your getting rf on the control head try rerouting the cable
and or move the head away from the amp I had one serviced and it was
flickering the heater light try moving the cable or the head in a different spot.

Phil AI4DQ
**********New MapQuest Local shows what's happening at your destination.
Dining, Movies, Events, News & more. Try it out
(http://local.mapquest.com/?ncid=emlcntnew00000002)

[Non-text portions of this message have been removed]

2823. Re: [acom-list] Heater light flicking on ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-22 05:17:35 UTC
From: Hans Remeeus
Topic: 2818 Message: 2823

I mounted a few ferrite clambs around the cable of the remote control
and other cables to and from the Acom 2000A.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kg4lru@... schreef:
>
>
> Also most likely your getting rf on the control head try rerouting the
> cable
> and or move the head away from the amp I had one serviced and it was
> flickering the heater light try moving the cable or the head in a
> different spot.
>
>
> Phil AI4DQ

2824. IC781 & Acom2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-22 17:52:41 UTC
From: Hans , PA3HGT
Topic: 2824 Message: 2824

Hello all,

Is it possible to connect an Acom 2000 directly with an Icom IC781 ?
Is an ALC-cable needed with this transceiver ?

73,Hans,PA3HGT

2825. Re: [acom-list] IC781 & Acom2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-22 18:00:27 UTC
From: W5OV@w5ov.com
Topic: 2824 Message: 2825

Yes and no.

> Hello all,
>
> Is it possible to connect an Acom 2000 directly with an Icom IC781 ?

Yes.

> Is an ALC-cable needed with this transceiver ?

No.

>
> 73,Hans,PA3HGT
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

2826. Re: [acom-list] IC781 & Acom2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-23 04:20:51 UTC
From: kg4lru@aol.com
Topic: 2824 Message: 2826

Yes Hans

It Is I run Both a 781 and 7800 But I did have the alc mod performed so it will not trip the acom the keying line is not issue on any acom products.

In a message dated 10/22/2008 1:53:16 P.M. Eastern Daylight Time, pa3hgt@... writes:

Hello all,

Is it possible to connect an Acom 2000 directly with an Icom IC781 ?
Is an ALC-cable needed with this transceiver ?

73,Hans,PA3HGT

**********Play online games for FREE at Games.com! All of your favorites, no registration required and great graphics – check it out! (http://pr.atwola.com/promoclk/100000075x1211202682x1200689022/aol?redir=http://www.games.com?ncid=emlcntusgame00000001)

[Non-text portions of this message have been removed]

2827. Re: [acom-list] IC781 & Acom2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-23 04:22:26 UTC
From: kg4lru@aol.com
Topic: 2824 Message: 2827

NO

In a message dated 10/22/2008 1:53:16 P.M. Eastern Daylight Time,
pa3hgt@... writes:

Hello all,

Is it possible to connect an Acom 2000 directly with an Icom IC781 ?
Is an ALC-cable needed with this transceiver ?

73,Hans,PA3HGT

**********Play online games for FREE at Games.com! All of your favorites,
no registration required and great graphics – check it out!
(http://pr.atwola.com/promoclk/100000075x1211202682x1200689022/aol?redir=
http://www.games.com?ncid=emlcntusgame00000001)

[Non-text portions of this message have been removed]

2828. microHAM Group

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-28 13:58:42 UTC
From: iz7auhfrank
Topic: 2828 Message: 2828

For Italian Users of microHAM Interface...

http://it.groups.yahoo.com/group/microham-italia

2829. Re: [acom-list] tr4b error

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-31 14:57:48 UTC
From: Frank Hunter
Topic: 2814 Message: 2829

pa5cw wrote:
> After one year of cw operation, I ngot a tr4b error.

I had a TR4B error that got progressively worse that ended up with the
relay needing replacing

> The problem was indeed the output relais, so I wonder if the lifetime
> is limited by heavely use of CW (semi brak in with K3).

It may well be, I use/used mine quite heavily with full QSK.

73, Frank GI4NKB

--
Chairman 1st N.Ireland Alizee Fan Club

2830. Relay Sticking

Yahoo group: acom-list (1999 — 2009)
Date: 2008-10-31 18:06:40 UTC
From: Dave Hawes
Topic: 2830 Message: 2830

Hello, Group.

I have just diagnosed a problem with my 2000A with regards to relay sticking.

The symptom was that there was an open circuit through the amplifier when it was turned off. Obviously, there should be a closed circuit. There are two relays in the RF path:

NAIS TQ2-12V in the Phase Detector
Kilovac HC-1 in the output

I turned on the amplifier, put the radio in QSK mode and sent dots for about 15 seconds, and the RX sprang to life. Obviously, one of the two relays had stuck in the "Transmit" position.

Here's the question: Which of these is the likely candidate? I know there has been a lot of discussion in the past about replacement of the HC-1, etc, and in fact, I have replaced the relay in this amplifier twice already. I am not opposed to doing it again, but is there any chance that the problem was the input relay, the NAIS DPDT relay?

I have a spare HC-1 in the drawer and can readily replace the installed one, but should I also order up a TQ2-12V "for the drawer" just in case?

73 - Dave N3RD

2831. Changing tx/rx relay ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-01 10:52:04 UTC
From: David J. Strout
Topic: 2831 Message: 2831

Can someone point me to an instruction sheet
for replacing the tx/rx relay, please? Will
be using the Gigavac GH-1. Thanks.
Dave, W2YC
==========
email: djsatty@...

2832. Re: Changing tx/rx relay ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 09:32:24 UTC
From: Hans , PA3HGT
Topic: 2831 Message: 2832

Maybe you can ask Acom ? They're the specialists !

Hans,PA3HGT

www.pa3hgt.nl

--- In acom-list@yahoogroups.com, "David J. Strout" <djsatty@...> wrote:
>
> Can someone point me to an instruction sheet
> for replacing the tx/rx relay, please? Will
> be using the Gigavac GH-1. Thanks.
> Dave, W2YC
> ================================
> email: djsatty@...
>

2833. Re: Relay Sticking

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 09:58:56 UTC
From: jx7dfa
Topic: 2830 Message: 2833

HC-1 is the likely candidate <IMO>.

I have some info regarding protecting the QSK-relay here:
http://la7dfa.com/ft-1000mp-qsk.htm

Per, LA7DFA

--- In acom-list@yahoogroups.com, "Dave Hawes" <dave.n3rd@...> wrote:
>
> Hello, Group.
>
> I have just diagnosed a problem with my 2000A with regards to relay
> sticking.
>
> The symptom was that there was an open circuit through the amplifier
> when it was turned off. Obviously, there should be a closed circuit.
> There are two relays in the RF path:
>
> NAIS TQ2-12V in the Phase Detector
> Kilovac HC-1 in the output
>
> I turned on the amplifier, put the radio in QSK mode and sent dots
> for about 15 seconds, and the RX sprang to life. Obviously, one of
> the two relays had stuck in the "Transmit" position.
>
> Here's the question: Which of these is the likely candidate? I know
> there has been a lot of discussion in the past about replacement of
> the HC-1, etc, and in fact, I have replaced the relay in this
> amplifier twice already. I am not opposed to doing it again, but is
> there any chance that the problem was the input relay, the NAIS DPDT
> relay?
>
> I have a spare HC-1 in the drawer and can readily replace the
> installed one, but should I also order up a TQ2-12V "for the drawer"
> just in case?
>
> 73 - Dave N3RD
>

2834. One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 16:08:25 UTC
From: coa132435
Topic: 2834 Message: 2834

Any comments in the SWR between the Acom-1000 and the transceiver? Is it below 1:1.5 across all the bands and specifically in the WARC bands of 12m and 17m. Will I need a ant tuner between the radio and the acom 1000?

Thanks in advance

2835. Re: [acom-list] One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 16:25:06 UTC
From: Paul M Dunphy
Topic: 2834 Message: 2835

At 12:08 PM 11/8/2008, you wrote:
>Any comments in the SWR between the Acom-1000 and the transceiver?
>Is it below 1:1.5 across all the bands and specifically in the WARC
>bands of 12m and 17m. Will I need a ant tuner between the radio and
>the acom 1000?
>
>Thanks in advance

No amp should require a tuner between it and the radio, and the ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct path to whatever the antenna system is when in standby. This includes all bands from 160 to 6. In other words, it will not change your SWR on any band.

73, Paul VE1DX

2836. RE: [acom-list] One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 20:54:57 UTC
From: KD3TB
Topic: 2834 Message: 2836

Paul,

I have an Acom-1000 and Icom 756Pro. I do not need to tune between them and see no reason why you should.

Irwin KD3TB

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Saturday, November 08, 2008 11:25 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] One more question -Acom 1000 -

At 12:08 PM 11/8/2008, you wrote:
>Any comments in the SWR between the Acom-1000 and the transceiver?
>Is it below 1:1.5 across all the bands and specifically in the WARC
>bands of 12m and 17m. Will I need a ant tuner between the radio and
>the acom 1000?
>
>Thanks in advance

No amp should require a tuner between it and the radio, and the ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct path to whatever the antenna system is when in standby. This includes all bands from 160 to 6. In other words, it will not change your SWR on any band.

73, Paul VE1DX

[Non-text portions of this message have been removed]

2837. RE: [acom-list] One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-08 21:06:32 UTC
From: Paul M Dunphy
Topic: 2834 Message: 2837

At 04:54 PM 11/8/2008, you wrote:
>Paul,
>
>
>
>I have an Acom-1000 and Icom 756Pro. I do not need to tune between them and
>see no reason why you should.
>
>
>
>Irwin KD3TB
>
>
>
>From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>Of Paul M Dunphy
>Sent: Saturday, November 08, 2008 11:25 AM
>To: acom-list@yahoogroups.com
>Subject: Re: [acom-list] One more question -Acom 1000 -
>
>
>
>At 12:08 PM 11/8/2008, you wrote:
> >Any comments in the SWR between the Acom-1000 and the transceiver?
> >Is it below 1:1.5 across all the bands and specifically in the WARC
> >bands of 12m and 17m. Will I need a ant tuner between the radio and
> >the acom 1000?
> >
> >Thanks in advance
>
>No amp should require a tuner between it and the radio, and the
>ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct
>path to whatever the antenna system is when in standby. This
>includes all bands from 160 to 6. In other words, it will not change
>your SWR on any band.
>
>73, Paul VE1DX

I don't, Irwin. It was the original poster who asked the
question, not me. When in standby, the amp is invisible and your
radio will see the antenna system(s) as if it were not there. When
in "Operate" all modern amps, including the ACOM-1000, should present
a 50-ohm impedance to the rig. (Some older or less expensive amps
have slugs for tweaking the inputs on various bands, but the
ACOM-1000 does not because it isn't needed.)

If any amp shows a high SWR on any band, something is wrong. I don't know what prompted the original question, as I haven't heard of this being an issue with any model of ACOM amp.

73, Paul VE1DX

2838. Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 00:53:56 UTC
From: coa132435
Topic: 2834 Message: 2838

The reason I asked is because this is the first amp I am planning to buy after several weeks of research. Also, some big names in th US advertise that if the amp is used in warc (17 and 12) a tuner maybe required between the amp and the radio (when the amp is switched to operate).

I just want to set my expectations to see what I am expecting after dropping $$$$ for an amplifier.

Thanks for the info.

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> At 04:54 PM 11/8/2008, you wrote:
> >Paul,
> >
> >
> >
> >I have an Acom-1000 and Icom 756Pro. I do not need to tune between them and
> >see no reason why you should.
> >
> >
> >
> >Irwin KD3TB
> >
> >
> >
> >From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> >Of Paul M Dunphy
> >Sent: Saturday, November 08, 2008 11:25 AM
> >To: acom-list@yahoogroups.com
> >Subject: Re: [acom-list] One more question -Acom 1000 -
> >
> >
> >
> >At 12:08 PM 11/8/2008, you wrote:
> > >Any comments in the SWR between the Acom-1000 and the transceiver?
> > >Is it below 1:1.5 across all the bands and specifically in the WARC
> > >bands of 12m and 17m. Will I need a ant tuner between the radio and
> > >the acom 1000?

> > >
> > >Thanks in advance
> >
> >No amp should require a tuner between it and the radio, and the
> >ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct
> >path to whatever the antenna system is when in standby. This
> >includes all bands from 160 to 6. In other words, it will not
change
> >your SWR on any band.
> >
> >73, Paul VE1DX
>
> I don't, Irwin. It was the original poster who asked the
> question, not me. When in standby, the amp is invisible and your
> radio will see the antenna system(s) as if it were not there.
When
> in "Operate" all modern amps, including the ACOM-1000, should
present
> a 50-ohm impedance to the rig. (Some older or less expensive amps
> have slugs for tweaking the inputs on various bands, but the
> ACOM-1000 does not because it isn't needed.)
>
> If any amp shows a high SWR on any band, something is wrong.
I
> don't know what prompted the original question, as I haven't heard
of
> this being an issue with any model of ACOM amp.
>
> 73, Paul VE1DX
>

2839. Re: [acom-list] Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 01:21:44 UTC
From: K0DAN
Topic: 2834 Message: 2839

Set your expectations high with the Acom, no tuner needed or recommended, including WARC. In fact if your exciter has a built-in tuner, it should be disabled when you use the amplfiier!

GL es 73
Dan
K0DAN

----- Original Message -----
From: "coa132435" <coa132435@...>
To: <acom-list@yahoogroups.com>
Sent: Saturday, November 08, 2008 6:53 PM
Subject: [acom-list] Re: One more question -Acom 1000 -

> The reason I asked is because this is the first amp I am planning to
> buy after several weeks of research. Also, some big names in th US
> advertise that if the amp is used in warc (17 and 12) a tuner maybe
> required between the amp and the radio (when the amp is switched to
> operate).
>
> I just want to set my expectations to see what I am expecting
> after dropping $$$$ for an amplifier.
>
> Thanks for the info.
>

2840. Re: [acom-list] Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 02:18:40 UTC
From: Jim Cox
Topic: 2834 Message: 2840

You will love the 1000. The input swr is pretty much flat on all bands as your driving the input of the tube in parallel with a 50 ohm resistor. Thus no tuned input such as on the 500Z type amps... The acom 1000 is the best amp I have ever used all things considered. Enjoy... Jim K4JAF

----- Original Message -----
From: coa132435
To: acom-list@yahoogroups.com
Sent: Saturday, November 08, 2008 6:53 PM
Subject: [acom-list] Re: One more question -Acom 1000 -

The reason I asked is because this is the first amp I am planning to buy after several weeks of research. Also, some big names in th US advertise that if the amp is used in warc (17 and 12) a tuner maybe required between the amp and the radio (when the amp is switched to operate).

I just want to set my expectations to see what I am expecting after dropping $$$$ for an amplifier.

Thanks for the info.

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> At 04:54 PM 11/8/2008, you wrote:
> >Paul,
> >
> >
> >
> >I have an Acom-1000 and Icom 756Pro. I do not need to tune between them and
> >see no reason why you should.
> >
> >
> >
> >Irwin KD3TB
> >
> >
> >
> >From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> >Of Paul M Dunphy
> >Sent: Saturday, November 08, 2008 11:25 AM
> >To: acom-list@yahoogroups.com
> >Subject: Re: [acom-list] One more question -Acom 1000 -

> >
> >
> >
> >At 12:08 PM 11/8/2008, you wrote:
> > >Any comments in the SWR between the Acom-1000 and the
transceiver?
> > >Is it below 1:1.5 across all the bands and specifically in the
WARC
> > >bands of 12m and 17m. Will I need a ant tuner between the radio
and
> > >the acom 1000?
> > >
> > >Thanks in advance
> >
> >No amp should require a tuner between it and the radio, and the
> >ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct
> >path to whatever the antenna system is when in standby. This
> >includes all bands from 160 to 6. In other words, it will not
change
> >your SWR on any band.
> >
> >73, Paul VE1DX
>
> I don't, Irwin. It was the original poster who asked the
> question, not me. When in standby, the amp is invisible and your
> radio will see the antenna system(s) as if it were not there.
When
> in "Operate" all modern amps, including the ACOM-1000, should
present
> a 50-ohm impedance to the rig. (Some older or less expensive amps
> have slugs for tweaking the inputs on various bands, but the
> ACOM-1000 does not because it isn't needed.)
>
> If any amp shows a high SWR on any band, something is wrong.
I
> don't know what prompted the original question, as I haven't heard
of
> this being an issue with any model of ACOM amp.
>
> 73, Paul VE1DX
>

[Non-text portions of this message have been removed]

2841. Re: [acom-list] Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 02:48:14 UTC
From: Paul M Dunphy
Topic: 2834 Message: 2841

At 10:18 PM 11/8/2008, you wrote:
>You will love the 1000. The input swr is pretty much flat on all
>bands as your driving the input of the tube in parallel with a 50
>ohm resistor. Thus no tuned input such as on the 500Z type
>amps... The acom 1000 is the best amp I have ever used all things
>considered. Enjoy... Jim K4JAF

I'll even go further than that. (And this will cause some
controversy!) I believe the ACOM-1000 to be a better amp than the
ACOM-2000. Why?

(1) Half the price.

(2) 1000 watts (it will actually put out 1100 or 1200 if you push it)
is all you ever need need. The extra power of the ACOM-2000 is not
worth paying twice as much. Do the basic math about how much gain
you get by doubling the power.

(3) The ACOM-2000 is extremely complicated because it is an auto-tune
tube amp. I have never used one, but all the complaints about odd
error messages seem to come from the 2000. Remember, the odds of
failure is directly proportional to the complexity of any device.

(4) With a 20000, you need to find matched tubes - can't (or at least
shouldn't) replace one or things may go wonky.

(5) I can tune my ACOM-1000 in 5 seconds or less (this comes with
practice, but it can easily be done.) The ACOM-2000's claim that is
can tune on one "dit" at 40 WPM may be true, but who needs
this? Yes, once in 5 years you might get a call or two in before the
hordes show up, but generally speaking the average DXer doesn't need
it . . . maybe it gives the mega-contest stations an advantage.

I use my ACOM-1000 *every day* for 7-8 hours, sometimes it goes
a full weekend during contests. After 2 years of daily use, it still
behaves like the day I got it. Same amount of power out of the
original tube. I do not believe there is an amp on the market that
will give you the dollar per watt value of an ACOM-1000. As I said,
I never had an ACOM-2000, but I have had several other amps over my
22+ year DXing career made by well known and respected
manufacturers. The ACOM-1000 is the best I've ever used or seen.

73, Paul VE1DX

2842. Re: [acom-list] Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 03:26:57 UTC
From: Mark Perrin
Topic: 2834 Message: 2842

Great amp. Mine will be 6 years old in month. Used extensively, including in RTTY contesting. Used on all bands. Fabulous amp. No tuner between trnscvr and amp.

73, Mark N7MQ

At 12:53 AM 11/9/2008 +0000, coa132435 wrote:
>The reason I asked is because this is the first amp I am planning to
>buy after several weeks of research. Also, some big names in th US
>advertise that if the amp is used in warc (17 and 12) a tuner maybe
>required between the amp and the radio (when the amp is switched to
>operate).
>
> I just want to set my expectations to see what I am expecting
>after dropping $$$$ for an amplifier.
>
> Thanks for the info.
>
>
>--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...>
>wrote:
> >
> > At 04:54 PM 11/8/2008, you wrote:
> > >Paul,
> > >
> > >
> > >
> > >I have an Acom-1000 and Icom 756Pro. I do not need to tune
>between them and
> > >see no reason why you should.
> > >
> > >
> > >
> > >Irwin KD3TB
> > >
> > >
> > >
> > >From: acom-list@yahoogroups.com [mailto:acom-
>list@yahoogroups.com] On Behalf
> > >Of Paul M Dunphy
> > >Sent: Saturday, November 08, 2008 11:25 AM
> > >To: acom-list@yahoogroups.com
> > >Subject: Re: [acom-list] One more question -Acom 1000 -
> > >
> > >

> > >
> > >At 12:08 PM 11/8/2008, you wrote:
> > > >Any comments in the SWR between the Acom-1000 and the
>transceiver?
> > > >Is it below 1:1.5 across all the bands and specifically in the
>WARC
> > > >bands of 12m and 17m. Will I need a ant tuner between the radio
>and
> > > >the acom 1000?
> > > >
> > > >Thanks in advance
> > >
> > >No amp should require a tuner between it and the radio, and the
> > >ACOM-1000 shows 50 ohms on all bands when engaged, and is a direct
> > >path to whatever the antenna system is when in standby. This
> > >includes all bands from 160 to 6. In other words, it will not
>change
> > >your SWR on any band.
> > >
> > >73, Paul VE1DX
> >
> > I don't, Irwin. It was the original poster who asked the
> > question, not me. When in standby, the amp is invisible and your
> > radio will see the antenna system(s) as if it were not there.
>When
> > in "Operate" all modern amps, including the ACOM-1000, should
>present
> > a 50-ohm impedance to the rig. (Some older or less expensive amps
> > have slugs for tweaking the inputs on various bands, but the
> > ACOM-1000 does not because it isn't needed.)
> >
> > If any amp shows a high SWR on any band, something is wrong.
>I
> > don't know what prompted the original question, as I haven't heard
>of
> > this being an issue with any model of ACOM amp.
> >
> > 73, Paul VE1DX
> >
>
>
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>------------------------------------
>
>Yahoo! Groups Links
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2843. Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 09:00:21 UTC
From: g4wjs
Topic: 2834 Message: 2843

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> At 10:18 PM 11/8/2008, you wrote:
> >You will love the 1000. The input swr is pretty much flat on all
> >bands as your driving the input of the tube in parallel with a 50
> >ohm resistor. Thus no tuned input such as on the 500Z type
> >amps... The acom 1000 is the best amp I have ever used all things
> >considered. Enjoy... Jim K4JAF
>
> I'll even go further than that. (And this will cause some
> controversy!) I believe the ACOM-1000 to be a better amp than the
> ACOM-2000. Why?
>
> (1) Half the price.
>
> (2) 1000 watts (it will actually put out 1100 or 1200 if you push it)
> is all you ever need need. The extra power of the ACOM-2000 is not
> worth paying twice as much. Do the basic math about how much gain
> you get by doubling the power.
>
> (3) The ACOM-2000 is extremely complicated because it is an auto-tune
> tube amp. I have never used one, but all the complaints about odd
> error messages seem to come from the 2000. Remember, the odds of
> failure is directly proportional to the complexity of any device.
>
> (4) With a 20000, you need to find matched tubes - can't (or at least
> shouldn't) replace one or things may go wonky.
>
> (5) I can tune my ACOM-1000 in 5 seconds or less (this comes with
> practice, but it can easily be done.) The ACOM-2000's claim that is
> can tune on one "dit" at 40 WPM may be true, but who needs
> this? Yes, once in 5 years you might get a call or two in before the
> hordes show up, but generally speaking the average DXer doesn't need
> it . . . maybe it gives the mega-contest stations an advantage.

(6) Six metres!

>
> I use my ACOM-1000 *every day* for 7-8 hours, sometimes it goes
> a full weekend during contests. After 2 years of daily use, it still
> behaves like the day I got it. Same amount of power out of the
> original tube. I do not believe there is an amp on the market that
> will give you the dollar per watt value of an ACOM-1000. As I said,
> I never had an ACOM-2000, but I have had several other amps over my
> 22+ year DXing career made by well known and respected

> manufacturers. The ACOM-1000 is the best I've ever used or seen.
>
> 73, Paul VE1DX
>

I second all those comments and add that the protection circuits on Acom amps often find external faults in exciters, feeders, and aerials before their operators are even aware of them. Several times here I have seen fault codes being resolved by necessary aerial system repairs.

The 2000A seems an excellent amp with a fantastic reputation yet the 1000 seems to beat it easily for reliability.

73
Bill
G4WJS

2844. Re: [acom-list] Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-09 09:56:00 UTC
From: paul glassman
Topic: 2834 Message: 2844

hey guys,
  i have a 2000a and love the amp. i am a collector and also have a pw1, quadra, tl922 and an alpha 9500. best buy for the dollar??? lets be honest.. legal limit for $500-$600??? a good old heathkit sb220. they are still out there pumping out the power for 35 years hihi.
                                73 paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

--- On Sun, 11/9/08, g4wjs <bill.8@...> wrote:

From: g4wjs <bill.8@...>
Subject: [acom-list] Re: One more question -Acom 1000 -
To: acom-list@yahoogroups.com
Date: Sunday, November 9, 2008, 4:00 AM

--- In acom-list@yahoogrou ps.com, Paul M Dunphy <amplifier@. ..> wrote:
>
> At 10:18 PM 11/8/2008, you wrote:
> >You will love the 1000. The input swr is pretty much flat on all
> >bands as your driving the input of the tube in parallel with a 50
> >ohm resistor. Thus no tuned input such as on the 500Z type
> >amps... The acom 1000 is the best amp I have ever used all things
> >considered. Enjoy... Jim K4JAF
>
> I'll even go further than that. (And this will cause some
> controversy!) I believe the ACOM-1000 to be a better amp than the
> ACOM-2000. Why?
>
> (1) Half the price.
>
> (2) 1000 watts (it will actually put out 1100 or 1200 if you push it)
> is all you ever need need. The extra power of the ACOM-2000 is not
> worth paying twice as much. Do the basic math about how much gain
> you get by doubling the power.
>
> (3) The ACOM-2000 is extremely complicated because it is an auto-tune
> tube amp. I have never used one, but all the complaints about odd
> error messages seem to come from the 2000. Remember, the odds of
> failure is directly proportional to the complexity of any device.
>
> (4) With a 20000, you need to find matched tubes - can't (or at least
> shouldn't) replace one or things may go wonky.
>
> (5) I can tune my ACOM-1000 in 5 seconds or less (this comes with

> practice, but it can easily be done.) The ACOM-2000's claim that is
> can tune on one "dit" at 40 WPM may be true, but who needs
> this? Yes, once in 5 years you might get a call or two in before the
> hordes show up, but generally speaking the average DXer doesn't need
> it . . . maybe it gives the mega-contest stations an advantage.

(6) Six metres!

>
> I use my ACOM-1000 *every day* for 7-8 hours, sometimes it goes
> a full weekend during contests. After 2 years of daily use, it still
> behaves like the day I got it. Same amount of power out of the
> original tube. I do not believe there is an amp on the market that
> will give you the dollar per watt value of an ACOM-1000. As I said,
> I never had an ACOM-2000, but I have had several other amps over my
> 22+ year DXing career made by well known and respected
> manufacturers. The ACOM-1000 is the best I've ever used or seen.
>
> 73, Paul VE1DX
>

I second all those comments and add that the protection circuits on
Acom amps often find external faults in exciters, feeders, and aerials
before their operators are even aware of them. Several times here I
have seen fault codes being resolved by necessary aerial system repairs.

The 2000A seems an excellent amp with a fantastic reputation yet the
1000 seems to beat it easily for reliability.

73
Bill
G4WJS

[Non-text portions of this message have been removed]

2845. Re: One more question -Acom 1000 -

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-10 07:44:57 UTC
From: Uffe Lindhardt
Topic: 2834 Message: 2845

The GU74b is a tetrode and has a higher gain, than the triodes used in some older amplifiers. Therefore you are more or less looking directly into a 50 ohms / 100 W resistor on the input.

The circuit can be seen here:
http://www.xs4all.nl/~wesselva/acom_input.png

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "coa132435" <coa132435@...> wrote:
>
> Any comments in the SWR between the Acom-1000 and the transceiver?
> Is it below 1:1.5 across all the bands and specifically in the WARC
> bands of 12m and 17m. Will I need a ant tuner between the radio and
> the acom 1000?
>
> Thanks in advance
>

2846. Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-11 19:48:48 UTC
From: Glenn O'Donnell, K3PP
Topic: 2846 Message: 2846

Hi gang,

I have one of the first 2000A units sold here in the US and it's now dead with this error. Actually, it's been dead for well over a year, but I've been too busy to deal with it. Now that contest season is under way, I want to get things going again. Better late than never! :-(

I know this has come up here before and my perusal of the list archive tells me my most likely cause is a fried screen or control grid in one of the tubes. Hal, N4GG gave a nice, thorough description here:
http://groups.yahoo.com/group/acom-list/message/2564

Tony, N2TK mentioned capacitor C2 as a culprit:
http://groups.yahoo.com/group/acom-list/message/1693
but then also confirmed the bad tube fault:
http://groups.yahoo.com/group/acom-list/message/2238
Tony, I love ya man, but what's the scoop?

My problem first appeared intermittently, but rapidly turned permanent. I buy Hal's theory because I had a lot of trouble in its early days with spikes from my Icom IC775 kicking it off with arc faults. I finally got that under control, but I suppose the damage was already done.

My two questions:
1. Can I test this to tell for sure?
2. Should I not even bother and just order two GU74B tubes now? If so, it appears Vine in the UK is the best source, right?

I've exchanged email a few times with Will K6ND at Acom. He was helpful, but suggested I send it back to them for repair. I know they're good, and reasonable, but I can't respect myself as a technical guy if I don't at least take a stab at repairing it myself first!

Thanks a 1.0E+06 to all!
VY 73 de Glenn K3PP

2847. Re: [acom-list] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-11 22:33:49 UTC
From: Eric Scace K3NA
Topic: 2846 Message: 2847

Hi Glen --

My Acom 2000A (also an early unit... the first one manufactured
without the fan mount) just had this problem show up a couple of weeks
ago. It was detected during the power-up sequence. As I live near Acom
USA I just took the amp over to the shop. It was a bad tube.

-- Eric K3NA

on 08 Nov 11 Tue 14:48 Glenn O'Donnell, K3PP said the following:
> Hi gang,
>
> I have one of the first 2000A units sold here in the US and it's now
> dead with this error. Actually, it's been dead for well over a year, but
> I've been too busy to deal with it. Now that contest season is under
> way, I want to get things going again. Better late than never! :-(
>
> I know this has come up here before and my perusal of the list archive
> tells me my most likely cause is a fried screen or control grid in one
> of the tubes. Hal, N4GG gave a nice, thorough description here:
> http://groups.yahoo.com/group/acom-list/message/2564
>
> Tony, N2TK mentioned capacitor C2 as a culprit:
> http://groups.yahoo.com/group/acom-list/message/1693
> but then also confirmed the bad tube fault:
> http://groups.yahoo.com/group/acom-list/message/2238
> Tony, I love ya man, but what's the scoop?
>
> My problem first appeared intermittently, but rapidly turned permanent.
> I buy Hal's theory because I had a lot of trouble in its early days with
> spikes from my Icom IC775 kicking it off with arc faults. I finally got
> that under control, but I suppose the damage was already done.
>
> My two questions:
> 1. Can I test this to tell for sure?
> 2. Should I not even bother and just order two GU74B tubes now? If so,
> it appears Vine in the UK is the best source, right?
>
> I've exchanged email a few times with Will K6ND at Acom. He was helpful,
> but suggested I send it back to them for repair. I know they're good,
> and reasonable, but I can't respect myself as a technical guy if I don't
> at least take a stab at repairing it myself first!
>
> Thanks a 1.0E+06 to all!
> VY 73 de Glenn K3PP
>

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> Yahoo! Groups Links
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2848. Re: [acom-list] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-12 02:30:06 UTC
From: Glenn O'Donnell, K3PP
Topic: 2846 Message: 2848

Hi Eric,

Thank you for the response! That's what I suspect too. I sent a message to Vine in the UK to get pricing on two replacement tubes. Even if that's not the problem, it will be good to have the spares on hand. I'm about 5 hours away from Acom, but if I goof this up, I will also drive it to Acom rather than ship it.

I'll keep everyone posted.

VY 73 de Glenn K3PP

Eric Scace K3NA wrote:
>
> Hi Glen --
>
> My Acom 2000A (also an early unit... the first one manufactured
> without the fan mount) just had this problem show up a couple of weeks
> ago. It was detected during the power-up sequence. As I live near Acom
> USA I just took the amp over to the shop. It was a bad tube.
>
> -- Eric K3NA
>
> on 08 Nov 11 Tue 14:48 Glenn O'Donnell, K3PP said the following:
> > Hi gang,
> >
> > I have one of the first 2000A units sold here in the US and it's now
> > dead with this error. Actually, it's been dead for well over a year,
> but
> > I've been too busy to deal with it. Now that contest season is under
> > way, I want to get things going again. Better late than never! :-(
> >
> > I know this has come up here before and my perusal of the list archive
> > tells me my most likely cause is a fried screen or control grid in one
> > of the tubes. Hal, N4GG gave a nice, thorough description here:
> > http://groups.yahoo.com/group/acom-list/message/2564
> <http://groups.yahoo.com/group/acom-list/message/2564>
> >
> > Tony, N2TK mentioned capacitor C2 as a culprit:
> > http://groups.yahoo.com/group/acom-list/message/1693
> <http://groups.yahoo.com/group/acom-list/message/1693>
> > but then also confirmed the bad tube fault:
> > http://groups.yahoo.com/group/acom-list/message/2238
> <http://groups.yahoo.com/group/acom-list/message/2238>
> > Tony, I love ya man, but what's the scoop?
> >

> > My problem first appeared intermittently, but rapidly turned permanent.
> > I buy Hal's theory because I had a lot of trouble in its early days
> with
> > spikes from my Icom IC775 kicking it off with arc faults. I finally got
> > that under control, but I suppose the damage was already done.
> >
> > My two questions:
> > 1. Can I test this to tell for sure?
> > 2. Should I not even bother and just order two GU74B tubes now? If so,
> > it appears Vine in the UK is the best source, right?
> >
> > I've exchanged email a few times with Will K6ND at Acom. He was
> helpful,
> > but suggested I send it back to them for repair. I know they're good,
> > and reasonable, but I can't respect myself as a technical guy if I
> don't
> > at least take a stab at repairing it myself first!
> >
> > Thanks a 1.0E+06 to all!
> > VY 73 de Glenn K3PP
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>

2849. Re: [acom-list] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-12 15:50:55 UTC
From: Barry
Topic: 2846 Message: 2849

Glenn,
I had the problem, too. Turned out to be a bad C2 on the LV board (the bottom one in the stack) and seems to be a not uncommon problem. I got excellent step by step instructions from Stan on how to troubleshoot it and pinpoint the problem. Email Stan, or maybe someone on the list has already emailed you the info.
GL,
Barry W2UP

Glenn O'Donnell, K3PP wrote:
>
> Hi gang,
>
> I have one of the first 2000A units sold here in the US and it's now
> dead with this error. Actually, it's been dead for well over a year, but
> I've been too busy to deal with it. Now that contest season is under
> way, I want to get things going again. Better late than never! :-(
>
> I know this has come up here before and my perusal of the list archive
> tells me my most likely cause is a fried screen or control grid in one
> of the tubes. Hal, N4GG gave a nice, thorough description here:
> http://groups.yahoo.com/group/acom-list/message/2564
> <http://groups.yahoo.com/group/acom-list/message/2564>
>
> Tony, N2TK mentioned capacitor C2 as a culprit:
> http://groups.yahoo.com/group/acom-list/message/1693
> <http://groups.yahoo.com/group/acom-list/message/1693>
> but then also confirmed the bad tube fault:
> http://groups.yahoo.com/group/acom-list/message/2238
> <http://groups.yahoo.com/group/acom-list/message/2238>
> Tony, I love ya man, but what's the scoop?
>
> My problem first appeared intermittently, but rapidly turned permanent.
> I buy Hal's theory because I had a lot of trouble in its early days with
> spikes from my Icom IC775 kicking it off with arc faults. I finally got
> that under control, but I suppose the damage was already done.
>
> My two questions:
> 1. Can I test this to tell for sure?
> 2. Should I not even bother and just order two GU74B tubes now? If so,
> it appears Vine in the UK is the best source, right?
>
> I've exchanged email a few times with Will K6ND at Acom. He was helpful,
> but suggested I send it back to them for repair. I know they're good,
> and reasonable, but I can't respect myself as a technical guy if I don't

> at least take a stab at repairing it myself first!
>
> Thanks a 1.0E+06 to all!
> VY 73 de Glenn K3PP
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.175 / Virus Database: 270.9.2/1783 - Release Date: 11/12/2008 10:01 AM
>
>

--

Barry Kutner, W2UP Newtown, PA

2850. filter cleaning reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-14 01:47:52 UTC
From: kamarty456
Topic: 2850 Message: 2850

Well fellow ACOM users:

This is the fall/winter reminder to check your air filters and ensure
they are clean!

A clean filter makes for a happy amplifier

Marty ka7gkn

2851. RE: [acom-list] filter cleaning reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-14 02:01:47 UTC
From: Howard Klein
Topic: 2850 Message: 2851

Thanks Marty
[Non-text portions of this message have been removed]

2852. Re: [acom-list] filter cleaning reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-14 22:15:36 UTC
From: Irwin Darack
Topic: 2850 Message: 2852

Lesson learned - be careful how you undo the screws on the Acom -1000 filter. The nuts and lock washers are on the inside and I had a tough time putting them back on. A ham friend helped me and we used surgical Kelly clamps to hold the nuts in place while screwing the screen cover back on. I was not able to put the lock washer back on. It would have been better if Acom had used self tapping screws into the chasis. Next time I will just take off the cover and use a vacuum cleaner hose to clean both sides of the filter.

Irwin KD3TB

On Thu, Nov 13, 2008 at 8:47 PM, kamarty456 <martins160@...> wrote:

> Well fellow ACOM users:
>
> This is the fall/winter reminder to check your air filters and ensure
> they are clean!
>
> A clean filter makes for a happy amplifier
>
> Marty ka7gkn
>
>
>

[Non-text portions of this message have been removed]

2853. Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 15:25:20 UTC
From: modessb
Topic: 2853 Message: 2853

Someone please clear this up for me.

I Have heard a Rumor that the GU74's may be back in production but can't get any solid confirmation.

I have noticed Amps for sell on swap boards or even at dealers tend to sit longer before being sold & usually reduced in price prior to sale.....maybe the tube shortage or whatever you want to call it is the reason.

I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?

2854. RE: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 16:03:45 UTC
From: Joel Kornreich
Topic: 2853 Message: 2854

GU74B (A2000A) tubes are being sold by Ron at VINE ANTENNAS in the UK. More than 100 people including myself have purchased the tubes. Look at my previous postings and read all about them as these tubes were not just taken from EBAY. In any event, if you do not push the tubes you'll get 6-8,000 hours easily.

And no, the GU74B tubes are not yet back in production. When they are back to purchase, the price will be 5 fold of what's being sold now as NOS.

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: pywacker@...: Sun, 16 Nov 2008 15:25:20 +0000Subject: [acom-list] Old Tube tpic

Someone please clear this up for me.I Have heard a Rumor that the GU74's may be back in production but can't get any solid confirmation. I have noticed Amps for sell on swap boards or even at dealers tend to sit longer before being sold & usually reduced in price prior to sale.....maybe the tube shortage or whatever you want to call it is the reason.I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?

_____
Windows Live Hotmail now works up to 70% faster.
http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_faster_112008

[Non-text portions of this message have been removed]

2855. Re: Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 16:51:14 UTC
From: Norm Alexander
Topic: 2853 Message: 2855

--- In acom-list@yahoogroups.com, "modessb" <pywacker@...> wrote:

I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?

The answer to the question above is I would not hesitate to buy a used ACOM given it was not obviously abused, and the current power output was reasonable, indicating the tubes are working. See Joel's comments of tube availability from Vine in the UK. I also have a pair of those tested and documented spares.

Norm W4QN

2856. Re: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 17:31:17 UTC
From: LA7SL Nils "Peter"
Topic: 2853 Message: 2856

I do not think the tubes are in production,-or will ever be again...
Commercial demand for those tubes is just too low to set up a
production line,- unless somebody is willing to pay thousands per tube (USD)
I also have a strong "feeling" that patent issues or other business complications
may exist. ... I say may exist...I have no evidence !
But I would still not hesitate buying another used Acom. I have had some serious issues
with ours..but they now seem to be solved. (low gain fault/protect) RF environment
is a key word there, as well as periodic (!) tube failure.
Do not trust all sellers claiming NOS tubes, however. They are more or less used all of
them :-) But availability is still reasonably good. I got 4 tubes from PA-land, and 2 of
them
matched to within 2 degrees Celsius at 1.5 KW out. That is good !
Just hurry ! Nobody knows how long they will be around, or at what price...
Never buy an Acom unless you have 2 pairs of matched tubes in house....
I am very critical of Acom still producing these amps ,- knowing they are actually out
of date the day they are sold !! But buying a good used one with 2 (TWO) sets of spares ?
YES ! ABSOLUTELY !
Peter LA7SL (LA8W / LN8W)
http://la8w.com

----- Original Message -----
From: modessb
To: acom-list@yahoogroups.com
Sent: Sunday, November 16, 2008 4:25 PM
Subject: [acom-list] Old Tube tpic

Someone please clear this up for me.

I Have heard a Rumor that the GU74's may be back in production but
can't get any solid confirmation.

I have noticed Amps for sell on swap boards or even at dealers tend to
sit longer before being sold & usually reduced in price prior to
sale.....maybe the tube shortage or whatever you want to call it is the
reason.

I guess my question is, "Would you be leery about buying a used 2000A
considering the tubes may not currently be in production?

[Non-text portions of this message have been removed]

2857. RE: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 18:05:33 UTC
From: Kees - pa7two
Topic: 2853 Message: 2857

To kill some statements that are somewhat lossy: New GU74B (labled these days as '4cx800a') are still in production at Svetlana factory, also this present year. I asked specifically this question to one of my Russian friends who actually phoned the factory for info after reading rumours earlier this year. I also know the current production price and yes that one is higher as the current prices payed for NOS tubes.

The GU74B tubes are not sold outside the Russian military market since a few years now. I was told that production can be re-started, it is just a matter of who needs many (MANY) of them in one lot. Spare tubes are still available and reasonable prices for at least the next year. Yes, sure, the price will increase, but that is as like all other goods we buy these days. I still have some spare GU74B, GU43B and GI7B tubes and sockets available if one needs in various types: or newly boxed, newly in original and sealed factory plastic bags or just in foil. All are un-used and NOS meaning 'New Old Stock'. NOS to me does not mean "used" or whatever, just 'new' but on the shelf for some years already.
Contact me for details if you need some NOS tubes. Ask the reflectors for feedback if any doubts. Vy 73, de Kees. Director of 'TWOwireZ', antennae and RF tubes.Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: la7sl@...: Sun, 16 Nov 2008 18:31:17 +0100Subject: Re: [acom-list] Old Tube tpic

I do not think the tubes are in production,-or will ever be again...Commercial demand for those tubes is just too low to set up aproduction line,- unless somebody is willing to pay thousands per tube (USD)I also have a strong "feeling" that patent issues or other business complicationsmay exist. ... I say may exist...I have no evidence !But I would still not hesitate buying another used Acom. I have had some serious issueswith ours..but they now seem to be solved. (low gain fault/protect) RF environmentis a key word there, as well as periodic (!) tube failure.Do not trust all sellers claiming NOS tubes, however. They are more or less used all ofthem :-) But availability is still reasonably good. I got 4 tubes from PA-land, and 2 of themmatched to within 2 degrees Celsius at 1.5 KW out. That is good !Just hurry ! Nobody knows how long they will be around, or at what price...Never buy an Acom unless you have 2 pairs of matched tubes in house....I am very critical of Acom still producing these amps ,- knowing they are actually outof date the day they are sold !! But buying a good used one with 2 (TWO) sets of spares ?YES ! ABSOLUTELY !Peter LA7SL (LA8W / LN8W)http://la8w.com----- Original Message ----- From: modessb To: acom-list@yahoogroups.com Sent: Sunday, November 16, 2008 4:25 PMSubject: [acom-list] Old Tube tpicSomeone please clear this up for me.I Have heard a Rumor that the GU74's may be back in production but can't get any solid confirmation. I have noticed Amps for sell on swap boards or even at dealers tend to sit longer before being sold & usually reduced in price prior to sale.....maybe the tube shortage or whatever you want to call it is the reason.I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?[Non-text portions of this message have been removed]

Color coding for safety: Windows Live Hotmail alerts you to suspicious email.

http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_safety_112008

[Non-text portions of this message have been removed]

2858. Re: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 18:27:22 UTC
From: k3pp@k3pp.com
Topic: 2853 Message: 2858

Let us PLEASE stop the rumors!!

I just ordered a pair of NOS tubes from Vine Antennas in the UK. Ron at Vine is a reputable guy who has helped many on this list! GU74b tubes are available! Go to the Vine web site to learn the truth:
www.vinecom.co.uk

I hope to install the tubes and be back to full power in time for CQWW CW. I will keep everyone informed.

VY 73 de Glenn K3PP

Sent via BlackBerry by AT&T

-----Original Message-----
From: Kees - pa7two <pa7two@...>

Date: Sun, 16 Nov 2008 18:05:33
To: <acom-list@yahoogroups.com>; <pywacker@...>
Subject: RE: [acom-list] Old Tube tpic

To kill some statements that are somewhat lossy: New GU74B (labled these days as '4cx800a') are still in production at Svetlana factory, also this present year. I asked specifically this question to one of my Russian friends who actually phoned the factory for info after reading rumours earlier this year. I also know the current production price and yes that one is higher as the current prices payed for NOS tubes.

The GU74B tubes are not sold outside the Russian military market since a few years now. I was told that production can be re-started, it is just a matter of who needs many (MANY) of them in one lot. Spare tubes are still available and reasonable prices for at least the next year. Yes, sure, the price will increase, but that is as like all other goods we buy these days. I still have some spare GU74B, GU43B and GI7B tubes and sockets available if one needs in various types: or newly boxed, newly in original and sealed factory plastic bags or just in foil. All are un-used and NOS meaning 'New Old Stock'. NOS to me does not mean "used" or whatever, just 'new' but on the shelf for some years already.
Contact me for details if you need some NOS tubes. Ask the reflectors for feedback if any doubts. Vy 73, de Kees. Director of 'TWOwireZ', antennae and RF tubes.Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: la7sl@...: Sun, 16 Nov 2008 18:31:17 +0100Subject: Re: [acom-list] Old Tube tpic

I do not think the tubes are in production,-or will ever be again...Commercial demand for those tubes is just too low to set up aproduction line,- unless somebody is willing to pay thousands per tube (USD)I also have a strong "feeling" that patent issues or other business complicationsmay exist. ... I say may exist...I have no evidence !But I would still not hesitate buying another used Acom. I have had some serious issueswith ours..but they now

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http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_safety_112008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2859. Re: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 19:41:35 UTC
From: LA7SL Nils "Peter"
Topic: 2853 Message: 2859

Hello Kees !
Nobody attacked You !!
Unless you happen to have a bunch of shares in the Acom factory,-of course :-)
We actually got our spare tubes from you ! And,- as I said two of them matched
to within 2 degr. C. and that is VERY good ! (we bought them as unmatched)
So no complaints over you Kees ! I am a satisfied customer :-) ...
And, by the way, you are packing these things to survive a nuclear war ! And that is
excellent,- knowing our postal services here.....
But for the current production situation : I also have my info directly from Svetlana
in St. Petersburg..... They are currently not producing any GU74B or 4CX800a ,-
according to an email they sent to my personal mailbox. That mail arrived early this
summer, so chances are,-of course, that we could both have correct information at
different points in time....they may have started up again.
Another possibility is that they give different info to different people...a situation
somewhat familiar to those who have some business with Russia.. ..
different cultures you know... :-)
But, as I said,-the tubes we got from you are good,- so everything is OK :-)
Peter

----- Original Message -----
From: Kees - pa7two
To: acom-list@yahoogroups.com ; pywacker@...
Sent: Sunday, November 16, 2008 7:05 PM
Subject: RE: [acom-list] Old Tube tpic

To kill some statements that are somewhat lossy: New GU74B (labled these days as '4cx800a')
are still in production at Svetlana factory, also this present year. I asked specifically
this question to one of my Russian friends who actually phoned the factory for info after
reading rumours earlier this year. I also know the current production price and yes that
one is higher as the current prices payed for NOS tubes.

The GU74B tubes are not sold outside the Russian military market since a few years now. I
was told that production can be re-started, it is just a matter of who needs many (MANY) of
them in one lot. Spare tubes are still available and reasonable prices for at least the
next year. Yes, sure, the price will increase, but that is as like all other goods we buy
these days. I still have some spare GU74B, GU43B and GI7B tubes and sockets available if
one needs in various types: or newly boxed, newly in original and sealed factory plastic
bags or just in foil. All are un-used and NOS meaning 'New Old Stock'. NOS to me does not
mean "used" or whatever, just 'new' but on the shelf for some years already.
Contact me for details if you need some NOS tubes. Ask the reflectors for feedback if any
doubts. Vy 73, de Kees. Director of 'TWOwireZ', antennae and RF tubes.Member of an all HAM
family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: la7sl@...: Sun, 16 Nov 2008 18:31:17 +0100Subject: Re:
[acom-list] Old Tube tpic

I do not think the tubes are in production,-or will ever be again...Commercial demand for those tubes is just too low to set up aproduction line,- unless somebody is willing to pay thousands per tube (USD)I also have a strong "feeling" that patent issues or other business complicationsmay exist. ... I say may exist...I have no evidence !But I would still not hesitate buying another used Acom. I have had some serious issueswith ours..but they now seem to be solved. (low gain fault/protect) RF environmentis a key word there, as well as periodic (!) tube failure.Do not trust all sellers claiming NOS tubes, however. They are more or less used all ofthem :-) But availability is still reasonably good. I got 4 tubes from PA-land, and 2 of themmatched to within 2 degrees Celsius at 1.5 KW out. That is good !Just hurry ! Nobody knows how long they will be around, or at what price...Never buy an Acom unless you have 2 pairs of matched tubes in house....I am very criti! cal of Acom still producing these amps ,- knowing they are actually outof date the day they are sold !! But buying a good used one with 2 (TWO) sets of spares ?YES ! ABSOLUTELY !Peter LA7SL (LA8W / LN8W)http://la8w.com----- Original Message ----- From: modessb To: acom-list@yahoogroups.com Sent: Sunday, November 16, 2008 4:25 PMSubject: [acom-list] Old Tube tpicSomeone please clear this up for me.I Have heard a Rumor that the GU74's may be back in production but can't get any solid confirmation. I have noticed Amps for sell on swap boards or even at dealers tend to sit longer before being sold & usually reduced in price prior to sale.....maybe the tube shortage or whatever you want to call it is the reason.I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?[Non-text portions of this message h! ave been removed]

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Color coding for safety: Windows Live Hotmail alerts you to suspicious email.
http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_safety_112008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2860. Re: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 19:48:44 UTC
From: LA7SL Nils "Peter"
Topic: 2853 Message: 2860

Rumors ???
The question was "are the GU74B's in current production"
and that is the subject for this discussion.
We KNOW that NOS is available --meaning New Old Stock-
please note "old stock" --meaning they are produced some time
ago. And i said "do not trust ALL sellers"
please read before you comment :-(
Peter
----- Original Message -----
From: k3pp@...
To: acom-list@yahoogroups.com ; pywacker@...
Sent: Sunday, November 16, 2008 7:27 PM
Subject: Re: [acom-list] Old Tube tpic

Let us PLEASE stop the rumors!!

I just ordered a pair of NOS tubes from Vine Antennas in the UK. Ron at Vine is a reputable guy who has helped many on this list! GU74b tubes are available! Go to the Vine web site to learn the truth:
www.vinecom.co.uk

I hope to install the tubes and be back to full power in time for CQWW CW. I will keep everyone informed.

VY 73 de Glenn K3PP

Sent via BlackBerry by AT&T

-----Original Message-----
From: Kees - pa7two <pa7two@...>

Date: Sun, 16 Nov 2008 18:05:33
To: <acom-list@yahoogroups.com>; <pywacker@...>
Subject: RE: [acom-list] Old Tube tpic

To kill some statements that are somewhat lossy: New GU74B (labled these days as '4cx800a') are still in production at Svetlana factory, also this present year. I asked specifically this question to one of my Russian friends who actually phoned the factory for info after reading rumours earlier this year. I also know the current production price and yes that one is higher as the current prices payed for NOS tubes.

The GU74B tubes are not sold outside the Russian military market since a few years now. I was told that production can be re-started, it is just a matter of who needs many (MANY) of them in one lot. Spare tubes are still available and reasonable prices for at least the next year. Yes, sure, the price will increase, but that is as like all other goods we buy these days. I still have some spare GU74B, GU43B and GI7B tubes and sockets available if one needs in various types: or newly boxed, newly in original and sealed factory plastic

bags or just in foil. All are un-used and NOS meaning 'New Old Stock'. NOS to me does not mean "used" or whatever, just 'new' but on the shelf for some years already.
Contact me for details if you need some NOS tubes. Ask the reflectors for feedback if any doubts. Vy 73, de Kees. Director of 'TWOwireZ', antennae and RF tubes.Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: la7sl@...: Sun, 16 Nov 2008 18:31:17 +0100Subject: Re: [acom-list] Old Tube tpic

I do not think the tubes are in production,-or will ever be again...Commercial demand for those tubes is just too low to set up aproduction line,- unless somebody is willing to pay thousands per tube (USD)I also have a strong "feeling" that patent issues or other business complicationsmay exist. ... I say may exist...I have no evidence !But I would still not hesitate buying another used Acom. I have had some serious issueswith ours..but they now seem to be solved. (low gain fault/protect) RF environmentis a key word there, as well as periodic (!) tube failure.Do not trust all sellers claiming NOS tubes, however. They are more or less used all ofthem :-) But availability is still reasonably good. I got 4 tubes from PA-land, and 2 of themmatched to within 2 degrees Celsius at 1.5 KW out. That is good !Just hurry ! Nobody knows how long they will be around, or at what price...Never buy an Acom unless you have 2 pairs of matched tubes in house....I am very criti! cal of Acom still producing these amps ,- knowing they are actually outof date the day they are sold !! But buying a good used one with 2 (TWO) sets of spares ?YES ! ABSOLUTELY !Peter LA7SL (LA8W / LN8W)http://la8w.com----- Original Message ----- From: modessb To: acom-list@yahoogroups.com Sent: Sunday, November 16, 2008 4:25 PMSubject: [acom-list] Old Tube tpicSomeone please clear this up for me.I Have heard a Rumor that the GU74's may be back in production but can't get any solid confirmation. I have noticed Amps for sell on swap boards or even at dealers tend to sit longer before being sold & usually reduced in price prior to sale.....maybe the tube shortage or whatever you want to call it is the reason.I guess my question is, "Would you be leery about buying a used 2000A considering the tubes may not currently be in production?[Non-text portions of this message h! ave been removed]

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

2861. RE: [acom-list] Old Tube tpic

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 20:44:16 UTC
From: Kees - pa7two
Topic: 2853 Message: 2861

Hi Peter,

Thanks for clarification! Good to hear you tubes are performing well.

My info is from August 2008. My friend phoned the factory.
PS: Not related to Acom at all:-) But these are excellent amplifiers :-)
Vy 73, de Kees.

To: acom-list@yahoogroups.comFrom: la7sl@...: Sun, 16 Nov 2008 20:41:35 +0100Subject: Re: [acom-list] Old Tube tpic

Hello Kees !Nobody attacked You !!Unless you happen to have a bunch of shares in the Acom factory,-of course :-) We actually got our spare tubes from you ! And,- as I said two of them matched to within 2 degr. C. and that is VERY good ! (we bought them as unmatched) So no complaints over you Kees ! I am a satisfied customer :-) ...And, by the way, you are packing these things to survive a nuclear war ! And that is excellent,- knowing our postal services here..... But for the current production situation : I also have my info directly from Svetlana in St. Petersburg..... They are currently not producing any GU74B or 4CX800a ,- according to an email they sent to my personal mailbox. That mail arrived early this summer, so chances are,-of course, that we could both have correct information at different points in time....they may have started up again. Another possibility is that they give different info to different people...a situation somewhat familiar to those who have some business with Russia.. ..different cultures you know... :-) But, as I said,-the tubes we got from you are good,- so everything is OK :-) Peter ----- Original Message ----- From: Kees - pa7two To: acom-list@yahoogroups.com ; pywacker@... Sent: Sunday, November 16, 2008 7:05 PMSubject: RE: [acom-list] Old Tube tpicTo kill some statements that are somewhat lossy: New GU74B (labled these days as '4cx800a') are still in production at Svetlana factory, also this present year. I asked specifically this question to one of my Russian friends who actually phoned the factory for info after reading rumours earlier this year. I also know the current production price and yes that one is higher as the current prices payed for NOS tubes.The GU74B tubes are not sold outside the Russian military market since a few years now. I was told that production can be re-started, it is just a matter of who needs many (MANY) of them in one lot. Spare tubes are still available and reasonable prices for at least the next year. Yes, sure, the price will increase, but that is as like all other goods we buy these days. I still have some spare GU74B, GU43B and GI7B tubes and sockets available if one needs in various types: or newly boxed, newly in original and sealed factory plastic bags or just in foil. All are un-used and NOS meaning 'New Old Stock'. NOS to me does not mean "used" or whatever, just 'new' but on the shelf for some years already.Contact me for details if you need some NOS tubes. Ask the reflectors for feedback if any doubts. Vy 73, de Kees. Director of 'TWOwireZ', antennae and RF tubes.Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom: la7sl@online.noDate: Sun, 16 Nov 2008 18:31:17 +0100Subject: Re: [acom-list] Old Tube tpicI do not think the tubes are in production,-or will ever be again...Commercial demand for those tubes is just too low to set up aproduction line,- unless somebody is willing to pay thousands per tube (USD)I also have a strong "feeling" that patent issues or other business complicationsmay exist. ... I say may

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See how Windows® connects the people, information, and fun that are part of your life http://clk.atdmt.com/MRT/go/119463819/direct/01/

[Non-text portions of this message have been removed]

2862. Save operating temperature ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-16 23:16:25 UTC
From: pe1czg
Topic: 2862 Message: 2862

Hello all,

Last weekend I did a lot of RTTY contacts and I did run about 400-500 watts out with the ACOM 1000. During many contacts right after each other I saw the temperature going up to 80 degrees and up sometimes. I donot have the extra fan installed yet but I'm wondering what the "save" temperature is to operate for let's say a few hours. The manual does not mention any limits and I guess 80 degrees is still save but I like to hear from others what their thoughts are.

Thanks and 73's Ger PE1CZG

2863. Re: Save operating temperature ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-17 08:52:00 UTC
From: Uffe Lindhardt
Topic: 2862 Message: 2863

If you let it go up to 90° you will notice that the fan speed
increases, so ACOM made the balance between the comfort of fan noise
and the air temperature at 90°.

I guess you could step up the fan speed permanently if you study the
schematics.

I would not be so worried. Tubes are cheap, and not easy to kill.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
>
> Hello all,
>
> Last weekend I did a lot of RTTY contacts and I did run about 400-500
> watts out with the ACOM 1000. During many contacts right after each
> other I saw the temperature going up to 80 degrees and up sometimes. I
> donot have the extra fan installed yet but I'm wondering what
> the "save" temperature is to operate for let's say a few hours. The
> manual does not mention any limits and I guess 80 degrees is still save
> but I like to hear from others what their thoughts are.
>
> Thanks and 73's Ger PE1CZG
>

2864. 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 01:52:49 UTC
From: N1EU
Topic: 2864 Message: 2864

Has anybody run into a problem with their 2000A suddenly displaying higher than actual VSWR readings and refusing to complete autotune cycles ("Default: Check VSWR Please Remove Drive"). I know the antennas and connections are all good - my rig barefoot or with my Alpha operate normal/fine.

I've written Stan, but I thought someone else might have gone through troubleshooting this and can pass along some tips.

Thanks & 73,
Barry N1EU

2865. Re: [acom-list] 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 03:34:16 UTC
From: K0DAN
Topic: 2864 Message: 2865

Barry:

What's "higher than actual VSWR readings"?

Every time I have challenged the Acom's diagnostics, the damn amp has proven me wrong. I hate when that happens, but my hat is off to the amp. In my case, there has been some variety of water in the connectors, changed ground system, bad jumper, etc., etc. I'd bet money that "nothing had changed" but when I finally broke down and changed/measured/eliminated segments in the over all cable/antenna system, by Jove the problem would go away.

The barefoot rig may not be stressing the cable/antenna path the same as the amp at QRO.

If the Alpha is on an A/B switch, then swap amps and pull the switch out of the loop.

I know you're an early Acom user and have been around the track a few times....you've probably tried all this, but the Acom just doesn't cry wolf very much.

Will be curious to hear what is causing your situation.
GL es 73

Dan
K0DAN

----- Original Message -----
From: "N1EU" <barry.n1eu@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, November 19, 2008 7:52 PM
Subject: [acom-list] 2000A VSWR/autotune

> Has anybody run into a problem with their 2000A suddenly displaying
> higher than actual VSWR readings and refusing to complete autotune
> cycles ("Default: Check VSWR Please Remove Drive"). I know the
> antennas and connections are all good - my rig barefoot or with my
> Alpha operate normal/fine.
>
> I've written Stan, but I thought someone else might have gone through
> troubleshooting this and can pass along some tips.
>
> Thanks & 73,
> Barry N1EU
>
>
> ----------

>
> Yahoo! Groups Links
>
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2866. Re: 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 10:41:20 UTC
From: N1EU
Topic: 2864 Message: 2866

Thanks Dan, but I'm fairly certain the problem is real. Same results into a dummy load. The issue is more about autotune not completing than VSWR meter, which may actually be okay. VSWR showed 1.2:1 into the dummy load and autotune still gave "Default: Check VSWR Please Remove Drive".

The Alpha is fine with the exact same cabling plugged into it.

73,
Barry N1EU

--- In acom-list@yahoogroups.com, "K0DAN" <k0dan@...> wrote:
>
> Barry:
>
> What's "higher than actual VSWR readings"?
>
> Every time I have challenged the Acom's diagnostics, the damn amp has proven
> me wrong. I hate when that happens, but my hat is off to the amp. In my
> case, there has been some variety of water in the connectors, changed ground
> system, bad jumper, etc., etc. I'd bet money that "nothing had changed" but
> when I finally broke down and changed/measured/eliminated segments in the
> over all cable/antenna system, by Jove the problem would go away.
>
> The barefoot rig may not be stressing the cable/antenna path the same as the
> amp at QRO.
>
> If the Alpha is on an A/B switch, then swap amps and pull the switch out of
> the loop.
>
> I know you're an early Acom user and have been around the track a few
> times....you've probably tried all this, but the Acom just doesn't cry wolf
> very much.
>
> Will be curious to hear what is causing your situation.
> GL es 73
>

> Dan
> K0DAN
>
>
> ----- Original Message -----
> From: "N1EU" <barry.n1eu@...>
> To: <acom-list@yahoogroups.com>
> Sent: Wednesday, November 19, 2008 7:52 PM
> Subject: [acom-list] 2000A VSWR/autotune
>
>
> > Has anybody run into a problem with their 2000A suddenly
displaying
> > higher than actual VSWR readings and refusing to complete autotune
> > cycles ("Default: Check VSWR Please Remove Drive"). I know the
> > antennas and connections are all good - my rig barefoot or with my
> > Alpha operate normal/fine.
> >
> > I've written Stan, but I thought someone else might have gone
through
> > troubleshooting this and can pass along some tips.
> >
> > Thanks & 73,
> > Barry N1EU
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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2867. Re: [acom-list] 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 11:30:54 UTC
From: David J. Strout
Topic: 2864 Message: 2867

Have had the same problem with autotune here
for months ..... even into a dummy load. Got it to
work only once by making sure [TUNE] was
selected in Man. Tune first., but think that was
a fluke.
Dave, W2YC

----- Original Message -----
From: N1EU
To: acom-list@yahoogroups.com
Sent: Thursday, November 20, 2008 01:52
Subject: [acom-list] 2000A VSWR/autotune

Has anybody run into a problem with their 2000A suddenly displaying
higher than actual VSWR readings and refusing to complete autotune
cycles ("Default: Check VSWR Please Remove Drive"). I know the
antennas and connections are all good - my rig barefoot or with my
Alpha operate normal/fine.

I've written Stan, but I thought someone else might have gone through
troubleshooting this and can pass along some tips.

Thanks & 73,
Barry N1EU

[Non-text portions of this message have been removed]

2868. Re: [acom-list] 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 12:11:44 UTC
From: Barry N1EU
Topic: 2864 Message: 2868

I'm in touch with Stan now, running some tests and will report back to the list what the ultimate solution is.

Worst comes to worst, I think I can set everything up ahead of time with DEF tuning and be good for CQ WW. It's just an issue with autotuning - the amp is faulting or anything.

73,
Barry N1EU

On Thu, Nov 20, 2008 at 6:30 AM, David J. Strout <djsatty@...> wrote:
> Have had the same problem with autotune here
> for months ..... even into a dummy load. Got it to
> work only once by making sure [TUNE] was
> selected in Man. Tune first., but think that was
> a fluke.

2869. 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 18:27:06 UTC
From: Hal Kennedy
Topic: 2864 Message: 2869

Had the exact problem. It was grid leakage in one of the tubes. A new tube fixed it.

Hal

N4GG

[Non-text portions of this message have been removed]

2870. Re: 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-20 22:14:04 UTC
From: N1EU
Topic: 2864 Message: 2870

--- In acom-list@yahoogroups.com, "Barry N1EU" <barry.n1eu@...> wrote:
>
> I'm in touch with Stan now, running some tests and will report back to
> the list what the ultimate solution is.

As far as I can tell, I'm back in business with my 2000A autotuning again, thanks to Stan's help.

Stan had me go through a manual tune cycle using the up/down arrow prompts to adjust LOAD/TUNE as directed by the 2000A RCU. It was clear that something was off because following the prompts led me to tune it far away from max output. I believe this symptom pointed Stan to suspect an issue with the phase detector.

He directed me to open up the phase detector cover on the bottom of the 2000A, inspect a few things, clean out any dust, reseat a connector and adjust a potentiomenter back/forth to wipe the contacts. That was basically it. 2000A seems happy again.

73,
Barry N1EU

2871. IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 02:54:27 UTC
From: kamarty456
Topic: 2871 Message: 2871

I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I did on occasion experience the dreaded "power up spike" when transmitting. I do SSB and no digital modes.

My Icom IC775dsp is a year 2000 production as is my Acom 2000A.

I just upgraded to the new Icom IC7700. To my relief, the IC7700 does not exhibit any of the "power up spikes" we have recognized with the IC781 and IC775DSP plus other models.

The Acom 2000A seems to have zero conflicts with the IC7700.
I did select MOSFET switching configuration.

A huge sigh of relief here and appreciation towards the Icom engineers finally recognizing and listening to their customers and fixing an aggravating anomaly!

Marty KA7GKN

2872. Re: [acom-list] IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 05:42:20 UTC
From: Hans Remeeus
Topic: 2871 Message: 2872

Hello Marty,

Exactly the same on this side! I migrated from the IC-775DSP (with power spikes) to the IC-7700 and have zero conflicts now on the Acom 2000A. It is what you say a whole relief...

With the FT-1000D I did'nt have any power spikes too.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
>
>
> I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I
> did on occasion experience the dreaded "power up spike" when
> transmitting. I do SSB and no digital modes.
>
> My Icom IC775dsp is a year 2000 production as is my Acom 2000A.
>
> I just upgraded to the new Icom IC7700. To my relief, the IC7700
> does not exhibit any of the "power up spikes" we have recognized with
> the IC781 and IC775DSP plus other models.
>
> The Acom 2000A seems to have zero conflicts with the IC7700.
> I did select MOSFET switching configuration.
>
> A huge sigh of relief here and appreciation towards the Icom engineers
> finally recognizing and listening to their customers and fixing an
> aggravating anomaly!
>
> Marty KA7GKN
>

2873. Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 16:41:12 UTC
From: pe1czg
Topic: 2871 Message: 2873

Talking about power spikes: the Yeasu FT2000 does also generate
these at the beginning of a transmission.....aaarghhh.

73's Ger PE1CZG

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Hello Marty,
>
> Exactly the same on this side! I migrated from the IC-775DSP (with
power
> spikes) to the IC-7700 and have zero conflicts now on the Acom
2000A. It
> is what you say a whole relief...
>
> With the FT-1000D I did'nt have any power spikes too.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> kamarty456 schreef:
> >
> >
> > I used the Icom IC775dsp and the Acom 2000A for about 8 years.
Yes I
> > did on occasion experience the dreaded "power up spike" when
> > transmitting. I do SSB and no digital modes.
> >
> > My Icom IC775dsp is a year 2000 production as is my Acom 2000A.
> >
> > I just upgraded to the new Icom IC7700. To my relief, the IC7700
> > does not exhibit any of the "power up spikes" we have recognized
with
> > the IC781 and IC775DSP plus other models.
> >
> > The Acom 2000A seems to have zero conflicts with the IC7700.
> > I did select MOSFET switching configuration.
> >
> > A huge sigh of relief here and appreciation towards the Icom
engineers

> > finally recognizing and listening to their customers and fixing
an
> > aggravating anomaly!
> >
> > Marty KA7GKN
> >
>

2874. Re: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 18:13:10 UTC
From: Hans Remeeus
Topic: 2871 Message: 2874

It's never too late to buy a IC-7700... ;-)

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

pe1czg schreef:
>
>
> Talking about power spikes: the Yeasu FT2000 does also generate
> these at the beginning of a transmission.....aaarghhh.
>
> 73's Ger PE1CZG
>

2875. RE: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 20:21:43 UTC
From: Joel Kornreich
Topic: 2871 Message: 2875

Ger,
Are you using the IC7700? I have a FT2000D and spikes are indeed there. Most interested if the same case is true with the ICOM?

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: ghoogendijk@...: Fri, 21 Nov 2008 16:41:12 +0000Subject: [acom-list] Re: IC-7700 and Acom 2000A

Talking about power spikes: the Yeasu FT2000 does also generate these at the beginning of a transmission.....aaarghhh.73's Ger PE1CZG--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:>> > Hello Marty,> > Exactly the same on this side! I migrated from the IC-775DSP (with power > spikes) to the IC-7700 and have zero conflicts now on the Acom 2000A. It > is what you say a whole relief...> > With the FT-1000D I did'nt have any power spikes too.> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus.eu> Communication is about people, the rest is technology.> > > kamarty456 schreef:> > > > > > I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I> > did on occasion experience the dreaded "power up spike" when> > transmitting. I do SSB and no digital modes.> > > > My Icom IC775dsp is a year 2000 production as is my Acom 2000A.> > > > I just upgraded to the new Icom IC7700. To my relief, the IC7700> > does not exhibit any of the "power up spikes" we have recognized with> > the IC781 and IC775DSP plus other models.> > > > The Acom 2000A seems to have zero conflicts with the IC7700.> > I did select MOSFET switching configuration.> > > > A huge sigh of relief here and appreciation towards the Icom engineers> > finally recognizing and listening to their customers and fixing an> > aggravating anomaly!> > > > Marty KA7GKN> >>

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[Non-text portions of this message have been removed]

2876. Re: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 20:26:14 UTC
From: William Beyer
Topic: 2871 Message: 2876

No spikes with the Icom 7800 and Acom 2000A.

All runs FB.

73

Bill / N2WB

DX RULES!!!

----- Original Message -----
From: Joel Kornreich
To: acom-list@yahoogroups.com
Sent: Friday, November 21, 2008 3:21 PM
Subject: RE: [acom-list] Re: IC-7700 and Acom 2000A

Ger,
Are you using the IC7700? I have a FT2000D and spikes are indeed there. Most interested if the same case is true with the ICOM?

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: ghoogendijk@...: Fri, 21 Nov 2008 16:41:12 +0000Subject: [acom-list] Re: IC-7700 and Acom 2000A

Talking about power spikes: the Yeasu FT2000 does also generate these at the beginning of a transmission.....aaarghhh.73's Ger PE1CZG--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:>> > Hello Marty,> > Exactly the same on this side! I migrated from the IC-775DSP (with power > spikes) to the IC-7700 and have zero conflicts now on the Acom 2000A. It > is what you say a whole relief...> > With the FT-1000D I did'nt have any power spikes too.> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus.eu> Communication is about people, the rest is technology.> > > kamarty456 schreef:> > > > > > I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I> > did on occasion experience the dreaded "power up spike" when> > transmitting. I do SSB and no digital modes.> > > > My Icom IC775dsp is a year 2000 production as is my Acom 2000A.> > > > I just upgraded to the new Icom IC7700. To my relief, the IC7700> > does not exhibit any of the "power up spikes" we have recognized with> > the IC781 and IC775DSP plus other models.> > > > The Acom 2000A seems to have zero conflicts with the IC7700.> > I did select MOSFET switching configuration.> > > > A huge sigh of relief here and appreciation towards the Icom engineers> > finally recognizing and listening to their customers and fixing an> > aggravating anomaly!> > > > Marty KA7GKN> >>

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2877. RE: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 21:29:57 UTC
From: Joel Kornreich
Topic: 2871 Message: 2877

Thanks Bill....

Joel

To: acom-list@yahoogroups.comFrom: wbeyerjr@...: Fri, 21 Nov 2008 15:26:14 -0500Subject: Re: [acom-list] Re: IC-7700 and Acom 2000A

No spikes with the Icom 7800 and Acom 2000A.All runs FB.73 Bill / N2WBDX RULES!!!----- Original Message ----- From: Joel Kornreich To: acom-list@yahoogroups.com Sent: Friday, November 21, 2008 3:21 PMSubject: RE: [acom-list] Re: IC-7700 and Acom 2000AGer,Are you using the IC7700? I have a FT2000D and spikes are indeed there. Most interested if the same case is true with the ICOM?Joel, K2QBVTo: acom-list@yahoogroups.comFrom: ghoogendijk@...: Fri, 21 Nov 2008 16:41:12 +0000Subject: [acom-list] Re: IC-7700 and Acom 2000ATalking about power spikes: the Yeasu FT2000 does also generate these at the beginning of a transmission.....aaarghhh.73's Ger PE1CZG--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:>> > Hello Marty,> > Exactly the same on this side! I migrated from the IC-775DSP (with power > spikes) to the IC-7700 and have zero conflicts now on the Acom 2000A. It > is what you say a whole relief...> > With the FT-1000D I did'nt have any power spikes too.> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus.eu> Communication is about people, the rest is technology.> > > kamarty456 schreef:> > > > > > I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I> > did on occasion experience the dreaded "power up spike" when> > transmitting. I do SSB and no digital modes.> > > > My Icom IC775dsp is a year 2000 production as is my Acom 2000A.> > > > I just upgraded to the new Icom IC7700. To my relief, the IC7700> > does not exhibit any of the "power up spikes" we have recognized with> > the IC781 and IC775DSP plus other models.> > > > The Acom 2000A seems to have zero conflicts with the IC7700.> > I did select MOSFET switching configuration.> > > > A huge sigh of relief here and appreciation towards the Icom engineers> > finally recognizing and listening to their customers and fixing an> > aggravating anomaly!> > > > Marty KA7GKN> >> _____Windows Live Hotmail now works up to 70% faster.http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_faster_112008[Non-text portions of this message have been removed][Non-text portions of this message have been removed]

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2878. RE: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 21:34:17 UTC
From: Joel Kornreich
Topic: 2871 Message: 2878

Hello Hans, PA1HR

I'm thinking about it after I return on my trip to VK and Zl in January if I have some loot left. So I am assuming that you have the FT2000 and forward spikes are not a problem??

Joel

To: acom-list@yahoogroups.comFrom: hans@...: Fri, 21 Nov 2008 19:13:10 +0100Subject: Re: [acom-list] Re: IC-7700 and Acom 2000A

It's never too late to buy a IC-7700... ;-)73,Hans Remeeus (PA1HR)http://www.remeeus.euCommunication is about people, the rest is technology.pe1czg schreef:> > > Talking about power spikes: the Yeasu FT2000 does also generate> these at the beginning of a transmission.....aaarghhh.> > 73's Ger PE1CZG>

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2879. Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 21:47:17 UTC
From: pe1czg
Topic: 2871 Message: 2879

No Joel, I'm using the FT2000 (not the "D) and this rig is giving a hugh spike at the beginning of a SSB transmission.
So it seems generic then with the FT2K...

Cheers, Ger

--- In acom-list@yahoogroups.com, Joel Kornreich <k2qbv@...> wrote:
>
>
> Ger,
> Are you using the IC7700? I have a FT2000D and spikes are indeed there. Most interested if the same case is true with the ICOM?
>
> Joel, K2QBV
>
>
>
> To: acom-list@...: ghoogendijk@...: Fri, 21 Nov 2008 16:41:12 +0000Subject: [acom-list] Re: IC-7700 and Acom 2000A
>
>
>
> Talking about power spikes: the Yeasu FT2000 does also generate these at the beginning of a transmission.....aaarghhh.73's Ger PE1CZG-- In acom-list@yahoogroups.com, Hans Remeeus <hans@> wrote:>> > Hello Marty,> > Exactly the same on this side! I migrated from the IC-775DSP (with power > spikes) to the IC-7700 and have zero conflicts now on the Acom 2000A. It > is what you say a whole relief...> > With the FT-1000D I did'nt have any power spikes too.> > > 73,> Hans Remeeus (PA1HR)> http://www.remeeus.eu> Communication is about people, the rest is technology.> > > kamarty456 schreef:> > > > > I used the Icom IC775dsp and the Acom 2000A for about 8 years. Yes I> > did on occasion experience the dreaded "power up spike" when> > transmitting. I do SSB and no digital modes.> > > My Icom IC775dsp is a year 2000 production as is my Acom 2000A.> > > I just upgraded to the new Icom IC7700. To my relief, the IC7700> > does not exhibit any of the "power up spikes" we have recognized with> > the IC781 and IC775DSP plus other models.> > > The Acom 2000A seems to have zero conflicts with the IC7700.> > I did select MOSFET switching configuration.> > > A huge sigh of relief here and appreciation towards the Icom engineers> > finally recognizing and listening to their customers and fixing an> > aggravating anomaly!> > > Marty KA7GKN> >>
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> [Non-text portions of this message have been removed]
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2880. Re: [acom-list] Re: IC-7700 and Acom 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-21 21:57:25 UTC
From: Hans Remeeus
Topic: 2871 Message: 2880

Hello Joel,

I am afraid the FT-2000 also suffers power spikes.

As Ger wrote; they are at the beginning of transmissions. Perhaps not all transmissions, but too many. Exactly the same happened with the IC-775DSP.

The IC-7700 produces zero power spikes. In the meantime I made a few thousand contacts with the IC-7700/Acom 2000A combination and all the time with zero faults!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Joel Kornreich schreef:
>
> Hello Hans, PA1HR
>
> I'm thinking about it after I return on my trip to VK and Zl in January
> if I have some loot left. So I am assuming that you have the FT2000 and
> forward spikes are not a problem??
>
> Joel
>

2881. -12V low error/fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-27 01:26:59 UTC
From: Sigismonti Ronald
Topic: 2881 Message: 2881

Happy Thanksgiving to all.
Today one of the ACOM 2000A's here faulted during power-up indicating a message on the RCU stating that the -12V was too low. I'm not sure that the minus sign was part of the message, which disappeared quickly when the amp shut down. Has anyone seen this before? Any ideas? I left a telephone message with ACOM and also with Will, but no reply yet. I guess this is just very bad timing with Thanksgiving day tomorrow.

Any ideas are much appreciated.

73 de Sig, N3RS

2882. Re: [acom-list] -12V low error/fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-27 04:44:32 UTC
From: John Peters
Topic: 2881 Message: 2882

Since the manual says that means CHECK THE MAINS VOLTAGE, I'd put a meter on your 240 V main with all the radios on. If it is a contest weekend setup the load may be dropping your line voltage.

73 John K1ER
----- Original Message -----
From: Sigismonti Ronald
To: acom-list@yahoogroups.com
Sent: Wednesday, November 26, 2008 3:26 PM
Subject: [acom-list] -12V low error/fault

Happy Thanksgiving to all.
Today one of the ACOM 2000A's here faulted during power-up indicating a message on the RCU stating that the -12V was too low. I'm not sure that the minus sign was part of the message, which disappeared quickly when the amp shut down. Has anyone seen this before? Any ideas? I left a telephone message with ACOM and also with Will, but no reply yet. I guess this is just very bad timing with Thanksgiving day tomorrow.

Any ideas are much appreciated.

73 de Sig, N3RS

[Non-text portions of this message have been removed]

2883. Re: [acom-list] -12V low error/fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-27 17:00:02 UTC
From: Sigismonti Ronald
Topic: 2881 Message: 2883

John, thanks for your reply. The mains here are above 240 VAC.
Also, there was nothing else fired up when it started happening. I
was hoping this was a tube related problem, but so far you and N4GG
have been the only ones to reply. Guess we will have to use another
amp.

73 & Happy Thanksgiving Day,

de Sig

On Nov 26, 2008, at 11:44 PM, John Peters wrote:

Since the manual says that means CHECK THE MAINS VOLTAGE, I'd put a
meter on your 240 V main with all the radios on. If it is a contest
weekend setup the load may be dropping your line voltage.

73 John K1ER
----- Original Message -----
From: Sigismonti Ronald
To: acom-list@yahoogroups.com
Sent: Wednesday, November 26, 2008 3:26 PM
Subject: [acom-list] -12V low error/fault

Happy Thanksgiving to all.
Today one of the ACOM 2000A's here faulted during power-up indicating
a message on the RCU stating that the -12V was too low. I'm not sure
that the minus sign was part of the message, which disappeared
quickly when the amp shut down. Has anyone seen this before? Any
ideas? I left a telephone message with ACOM and also with Will, but
no reply yet. I guess this is just very bad timing with Thanksgiving
day tomorrow.

Any ideas are much appreciated.

73 de Sig, N3RS

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[Non-text portions of this message have been removed]

2884. ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-27 21:07:46 UTC
From: Franki ON5ZO
Topic: 2884 Message: 2884

Acom users, can anyone tell me what is the cause of an 'arc fault'?

I made a new 80/160m antenna (GP with adjustable base matching) and between 3500 and 3560 I get an Arc Fault with 40-45W of drive level from the K3. Above 3600 it never occurs even with 1kW out and 160m is not a problem either.

The root cause is the antenna. Am I correct in assuming that it's a high voltage point in the antenna circuit (not in the amp) that 'flashes over', like the end of a radial or a coax with some VSWR touching the tower? Can this trip the amp into an 'Arc Fault'? I checked for physical damage (burned spots) but I can't find any.

With 35W of drive, I adjust the amp and all is OK. When driving to 40-45, at a certain point, the display shows the amp isn't properly tuned anymore and when displaying the SWR, it goes from 1.2 to 1.3... 1.5... the more I drive and then arc fault. The amp nevers sees an SWR over 1.6-1.8.

All ideas appreciated.
73 de Franki ON5ZO

2885. RE: [acom-list] ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-28 01:14:00 UTC
From: Joel Kornreich
Topic: 2884 Message: 2885

Hello ON5ZO....

I can tell you I have had a lot of experience with "arc faults" with my ACOM A2000.

I had used my Henry 3KA for nine months and never experienced any problem on 75 meters using my 74 ft rotable dipole. The Henry 3KA amplifier does not respond to little things and does not shut down for as we all know, it just keeps going and going. However using the ACOM 2000A and the same antenna I had an "arc fault" problem nearly all the time. It was hard to accept the fact that something may be wrong with the 75 meter antenna. Well, I was wrong for I had used an incorrect size nut on the 75 meter balun and did not know it. Corrected the size nut to the proper screw holding the balun and immediately drove up the ACOM amp to 1,500 watts with zero arc faults.

The ACOM will locate and tell you if something is screwed up and I found this to be true ALL the time. Just for your additional infomation, I had a "forward power spike" coming from my Yaesu FT2000D and shut down the ACOM amplifier. It took me a month with help from ACOM to locate the spike on a scope. It is indeed the fault of some FT2000 units and not a problem with the ACOM 2000A. Some FT2000's do it and some do not but I was convinced it was the linear. I guess it's like having my own RF engineer living with me.

Hope the above helps a little.

Joel, K2QBV
K2QBV@...

To: acom-list@yahoogroups.comFrom: on5zo@...: Thu, 27 Nov 2008 22:07:46 +0100Subject: [acom-list] ACOM 1000 Arc Fault

Acom users, can anyone tell me what is the cause of an 'arc fault'?I made a new 80/160m antenna (GP with adjustable base matching) and between 3500 and 3560 I get an Arc Fault with 40-45W of drive level from the K3.Above 3600 it never occurs even with 1kW out and 160m is not a problem either.The root cause is the antenna. Am I correct in assuming that it's a high voltage point in the antenna circuit (not in the amp) that 'flashes over', like the end of a radial or a coax with some VSWR touching the tower? Can this trip the amp into an 'Arc Fault'? I checked for physical damage (burned spots) but I can't find any.With 35W of drive, I adjust the amp and all is OK. When driving to 40-45, at a certain point, the display shows the amp isn't properly tuned anymore and when displaying the SWR, it goes from 1.2 to 1.3... 1.5... the more I drive and then arc fault. The amp nevers sees an SWR over 1.6-1.8.All ideas appreciated.73 de Franki ON5ZO

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2886. re[2]: [acom-list] ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-28 04:16:17 UTC
From: Jim Idelson
Topic: 2884 Message: 2886

Joel is right. Even when it doesn't seem to make sense, 99.9% of the time Arc Fault means there is a real problem somewhere in the antenna and feedline system.

73,

Jim K1IR

>

Hello ON5ZO....

I can tell you I have had a lot of experience with "arc faults" with my ACOM A2000.

I had used my Henry 3KA for nine months and never experienced any problem on 75 meters using my 74 ft rotable dipole. The Henry 3KA amplifier does not respond to little things and does not shut down for as we all know, it just keeps going and going. However using the ACOM 2000A and the same antenna I had an "arc fault" problem nearly all the time. It was hard to accept the fact that something may be wrong with the 75 meter antenna. Well, I was wrong for I had used an incorrect size nut on the 75 meter balun and did not know it. Corrected the size nut to the proper screw holding the balun and immediately drove up the ACOM amp to 1,500 watts with zero arc faults.

The ACOM will locate and tell you if something is screwed up and I found this to be true ALL the time. Just for your additional infomation, I had a "forward power spike" coming from my Yaesu FT2000D and shut down the ACOM amplifier. It took me a month with help from ACOM to locate the spike on a scope. It is indeed the fault of some FT2000 units and not a problem with the ACOM 2000A. Some FT2000's do it and some do not but I was convinced it was the linear. I guess it's like having my own RF engineer living with me.

Hope the above helps a little.

Joel, K2QBV
K2QBV@...

To: acom-list@yahoogroups.comFrom: on5zo@...: Thu, 27 Nov 2008 22:07:46 +0100Subject: [acom-list] ACOM 1000 Arc Fault

Acom users, can anyone tell me what is the cause of an 'arc fault'?I made a new 80/160m antenna (GP with adjustable base matching) and between 3500 and 3560 I get an Arc Fault with 40-45W of drive level from the K3.Above 3600 it never occurs even with 1kW out and 160m is not a problem either.The root cause is the antenna. Am I correct in assuming that it's a high voltage point in the antenna circuit (not in the amp) that 'flashes over', like the end of a radial or a coax with some VSWR touching the tower? Can this trip the amp into an 'Arc

Fault'? I checked for physical damage (burned spots) but I can't find any.With 35W of drive, I adjust the amp and all is OK. When driving to 40-45, at a certain point, the display shows the amp isn't properly tuned anymore and when displaying the SWR, it goes from 1.2 to 1.3... 1.5... the more I drive and then arc fault. The amp nevers sees an SWR over 1.6-1.8.All ideas appreciated.73 de Franki ON5ZO

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http://windowslive.com/Explore/Hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_access_112008

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Yahoo! Groups Links

<

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

2887. Re: ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-28 05:38:01 UTC
From: gary pearse
Topic: 2884 Message: 2887

--- In acom-list@yahoogroups.com, "Franki ON5ZO" <on5zo@...> wrote:
>
> Acom users, can anyone tell me what is the cause of an 'arc fault'?

In my experience anything that can lead to a RF arc will shut down my 1000. Poor antenna tuners, when the feedline is at a voltage node at the tuner, contaminated coax or fitting, or
any easy path the RF can take, will lead to the shutdown. The gradual SWR rise may indicate an issue with a component heating in the tuner (if you use one), or a breakdown due to contamination somewhere.

Thanks ACOM for all the protection.

73 Gary NL7Y

2888. Re: ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-28 15:42:47 UTC
From: kamarty456
Topic: 2884 Message: 2888

The Acom fault is actually an excellent too in realizing you have a problem within your RF run!

This can be as simple as a failing piece of coax, such as a jumper, loose hardware on your antenna, or even a PL-259 connector that may have corrosion in its tip!

I was experiencing intermittent arc fault alarms and I finally determined it was my Alpha-Delta 4 position antenna switch.
I replaced it with an ICE 6 position switch and no more arc fault alarms.

Then, I had arc fault alarms again and it was one of those 90 degree PL259 right angle adapters. It looked just fine, it did not show any DC short circuit using an ohm-meter. I put a new one in its place and no more arc fault alarm!

Finally, something as simple as a loose coax connector or cable can cause the alarm. Look at how well your PL259 plugs fit into the female SO239 connector. If the pin is a slightly loose fit you'll get the arc fault alarm.

In summary, consider the arc fault alarm a useful tool in ensuring your RF line is in perfect condition.

Marty KA7GKN

2889. Re: ACOM 1000 Arc Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-28 22:18:34 UTC
From: mgh.friedrich
Topic: 2884 Message: 2889

An 'arc fault' usually indicates an excessive high RF voltage on the output line. The reason for this - for instance - can be a broken coax-line or a resonant antenna-feeding system. I had a problem with the SO239 at the amplifier output and the PL259 connector for the coax, because the tolerance of the SO239 connectors, which my ACOM amplifier is using, seems to me very high. I had to solder the central pin of the PL259 connector to make the pin more thick, so that it just fits into the SO239.

In ur case, Frank, I would recommend to use a heavy 1 KW dummy-load with a long coax and run the maximum power for a test. After this use 2 dummy-loads in parallel or use a coil in serie with the dummy load and carefully stepwise increase its inductivity and by this the SWR without ur antenna. Use a reliable SWR-meter. The test without ur antenna is for separating the cause, because the arc fault detection circuit of ur amplifier may be faulty. If you are able to run the amplifier with full power up to SWR 2.0, it seems that the amplifier is working correctly and then you can move the SWR meter from the amplifier output to the foot of ur vertical and compare the reading. At the foot of ur vertical the reading should be lightly above the former reading at the amplifier output connector.
The increase of the indicated SWR, when the output power is increased, is normal and depends, which diodes ur SWR-meter uses and their linearity. The accuracy of the measured SWR is usually better with high RF-power.

73 de Michael (DJ5TH)

2890. A2000: Fault on switching to OPR

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-29 10:49:17 UTC
From: lx1no
Topic: 2890 Message: 2890

Hi,

It heats up as usual. When I hit the OPR button I switches off and
the display shows:

IG2=014mA: Should be zero

Is there something "gone" on a board somewhere or is there one of the
tubes gone?

73 Norby

2891. Immediate fault when RCU On button pressed, help please

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-30 00:29:42 UTC
From: billdz.geo
Topic: 2891 Message: 2891

My 2000A has always worked perfectly until today (used it yesterday with no problems). Today, I turned on the power on the main deck and the red light came on as usual. But then, the instant I pressed the red On-Off button on the RCU, the protection light flashed and everything went dark. No fault message.

Connections seem OK. Tried several times (waited several minutes between each attempt), same result each time.

Any thoughts on what could be wrong?

73, Bill NZ5N

2892. RE: [acom-list] Immediate fault when RCU On button pressed, help please

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-30 01:48:32 UTC
From: Joel Kornreich
Topic: 2891 Message: 2892

Hello BILLDZ.GEO

I would try to "reset" to full factory default. This assuming you had set up procedures past the way your amplifier came from the factory. In addition to this point call or e mail Will at Acom provided you're in the US.

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: billdz.geo@...: Sun, 30 Nov 2008 00:29:42 +0000Subject: [acom-list] Immediate fault when RCU On button pressed, help please

My 2000A has always worked perfectly until today (used it yesterdaywith no problems). Today, I turned on the power on the main deck andthe red light came on as usual. But then, the instant I pressed thered On-Off button on the RCU, the protection light flashed andeverything went dark. No fault message.Connections seem OK. Tried several times (waited several minutesbetween each attempt), same result each time.Any thoughts on what could be wrong?73, Bill NZ5N

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2893. Re: Immediate fault when RCU On button pressed, help please

Yahoo group: acom-list (1999 — 2009)
Date: 2008-11-30 11:53:09 UTC
From: billdz.geo
Topic: 2891 Message: 2893

Thanks for the response, Joel. Looks like I'll have to call Will. I hope it is a fixable problem.

73, Bill NZ5N

--- In acom-list@yahoogroups.com, Joel Kornreich <k2qbv@...> wrote:
>
>
>
>
> Hello BILLDZ.GEO
>
> I would try to "reset" to full factory default. This assuming you had set up procedures
> past the way your amplifier came from the factory. In addition to this point call or e mail Will at Acom provided you're in the US.
>
> Joel, K2QBV
>
>
> To: acom-list@...: billdz.geo@...: Sun, 30 Nov 2008 00:29:42 +0000Subject: [acom-list] Immediate fault when RCU On button pressed, help please
>
>
>
> My 2000A has always worked perfectly until today (used it yesterdaywith no problems). Today, I turned on the power on the main deck andthe red light came on as usual. But then, the instant I pressed the red On-Off button on the RCU, the protection light flashed andeverything went dark. No fault message.Connections seem OK. Tried several times (waited several minutesbetween each attempt), same result each time.Any thoughts on what could be wrong?73, Bill NZ5N
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2894. Re: Immediate fault when RCU On button pressed, help please

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-01 14:36:24 UTC
From: billdz.geo
Topic: 2891 Message: 2894

Just called Will and he said that, without an error message, the
problem could be anywhere, so I need to ship the amp to ACOM for service.

Oh well, guess nothing works forever. No one else has had a similar
problem?

73, Bill NZ5N

--- In acom-list@yahoogroups.com, "billdz.geo" <billdz.geo@...> wrote:
>
> Thanks for the response, Joel. Looks like I'll have to call Will. I
> hope it is a fixable problem.
>
> 73, Bill NZ5N
>
> --- In acom-list@yahoogroups.com, Joel Kornreich <k2qbv@> wrote:
> >
> >
> >
> >
> > Hello BILLDZ.GEO
> >
> > I would try to "reset" to full factory default. This assuming you
> had set up procedures
> > past the way your amplifier came from the factory. In addition to
> this point call or e mail Will at Acom provided you're in the US.
> >
> > Joel, K2QBV
> >
> >
> > To: acom-list@: billdz.geo@: Sun, 30 Nov 2008 00:29:42
> +0000Subject: [acom-list] Immediate fault when RCU On button pressed,
> help please
> >
> >
> >
> > My 2000A has always worked perfectly until today (used it
> yesterdaywith no problems). Today, I turned on the power on the main
> deck andthe red light came on as usual. But then, the instant I
> pressed the red On-Off button on the RCU, the protection light flashed
> andeverything went dark. No fault message.Connections seem OK. Tried
> several times (waited several minutesbetween each attempt), same
> result each time.Any thoughts on what could be wrong?73, Bill NZ5N
> >
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2895. Re: [acom-list] Re: 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-02 13:58:54 UTC
From: David J. Strout
Topic: 2864 Message: 2895

Barry, N1EU: anxiously awaiting the status on autotuning
adjustment procedures for the ACOM 2000A. 73, Dave, W2YC
==========
email: djsatty@...

[Non-text portions of this message have been removed]

2896. Re: 2000A VSWR/autotune

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-03 12:16:45 UTC
From: N1EU
Topic: 2864 Message: 2896

--- In acom-list@yahoogroups.com, "David J. Strout" <djsatty@...> wrote:
>
> Barry, N1EU: anxiously awaiting the status on autotuning
> adjustment procedures for the ACOM 2000A. 73, Dave, W2YC

http://groups.yahoo.com/group/acom-list/message/2870

2897. GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-05 22:38:33 UTC
From: Kees - pa7two
Topic: 2897 Message: 2897

Hi all,

If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me.

As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well.
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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2898. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 02:35:44 UTC
From: Joel Kornreich
Topic: 2897 Message: 2898

Kees, PA7TWO,

Let me hear more. I purchased a large amount for ACOM users from the UK but if you have new ones, let me hear conditions, guarantees, cost, etc.

K2QBV, Joel

To: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 5 Dec 2008 22:38:33 +0000Subject: [acom-list] GU74B tubes manufactured Year 2008

Hi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. _____Send e-mail faster without improving your typing skills.http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008[Non-text portions of this message have been removed]

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http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

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2899. Re: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 00:15:15 UTC
From: Steve Tripp (K1IIG)
Topic: 2897 Message: 2899

I am thinking I should buy some. I just heard that the Titan 3 (forgot who makes it) has been discontinued because they can not get these tubes

st

Hi all,

If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me.

As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well.
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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[Non-text portions of this message have been removed]

2900. Re: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 13:32:14 UTC
From: Jim Cox
Topic: 2897 Message: 2900

They (Ten Tec) discontinued the Titan 3 because they cant get tubes in "production quanities", ie large amounts at one time.. The tubes are still available in small amounts, I just purchased 2 as a backup for my Alpha...

Jim K4JAF

----- Original Message -----
From: Steve Tripp (K1IIG)
To: acom-list@yahoogroups.com
Sent: Friday, December 05, 2008 6:15 PM
Subject: Re: [acom-list] GU74B tubes manufactured Year 2008

I am thinking I should buy some. I just heard that the Titan 3 (forgot who makes it) has been discontinued because they can not get these tubes

st

Hi all,

If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me.

As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well.
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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2901. [Update] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 15:24:50 UTC
From: Glenn O'Donnell, K3PP
Topic: 2846 Message: 2901

Hi everyone,

First, thanks a 1.0E+06 to everyone for their help with this problem.

Second, here is what I did so far:

I ordered a set of GU74b tubes from Ron at Vine Antennas in the UK. They arrived in good shape, but it appears the tubes are not the problem. I'll know for sure once I get deeper into this, but I do know that C2 is bad in the lov voltage power supply. Stan LZ1IU from Acom gave me excellent instructions to troubleshoot this.

It took me a few weeks to get to it, since my travel and work loads were horrendous, as usual. I finally took a look at it this morning. The diagnosis told me to look at the low voltage board. It's a pain to get to this board, but I finally did and there it was, as obvious to the naked eye as you can get. The electrolytic capacitor C2 had a big bubble on it. It is clearly fried.

It is a 47 uF/250v device with radial leads (both leads coming off the same end of the can). I'm sure this isn't a Radio Shack part, so where can I get one? Digi-Key has them, but I doubt they'll sell me just one at a buck or two a piece! Maybe it's time for a big Digi-Key delivery from Santa! HI! I better make my list for him!

Thank you!
VY 73 de Glenn K3PP

Glenn O'Donnell, K3PP wrote:
>
> Hi gang,
>
> I have one of the first 2000A units sold here in the US and it's now
> dead with this error. Actually, it's been dead for well over a year, but
> I've been too busy to deal with it. Now that contest season is under
> way, I want to get things going again. Better late than never! :-(
>
> I know this has come up here before and my perusal of the list archive
> tells me my most likely cause is a fried screen or control grid in one
> of the tubes. Hal, N4GG gave a nice, thorough description here:
> http://groups.yahoo.com/group/acom-list/message/2564
> <http://groups.yahoo.com/group/acom-list/message/2564>
>
> Tony, N2TK mentioned capacitor C2 as a culprit:
> http://groups.yahoo.com/group/acom-list/message/1693
> <http://groups.yahoo.com/group/acom-list/message/1693>
> but then also confirmed the bad tube fault:

> http://groups.yahoo.com/group/acom-list/message/2238
> <http://groups.yahoo.com/group/acom-list/message/2238>
> Tony, I love ya man, but what's the scoop?
>
> My problem first appeared intermittently, but rapidly turned permanent.
> I buy Hal's theory because I had a lot of trouble in its early days with
> spikes from my Icom IC775 kicking it off with arc faults. I finally got
> that under control, but I suppose the damage was already done.
>
> My two questions:
> 1. Can I test this to tell for sure?
> 2. Should I not even bother and just order two GU74B tubes now? If so,
> it appears Vine in the UK is the best source, right?
>
> I've exchanged email a few times with Will K6ND at Acom. He was helpful,
> but suggested I send it back to them for repair. I know they're good,
> and reasonable, but I can't respect myself as a technical guy if I don't
> at least take a stab at repairing it myself first!
>
> Thanks a 1.0E+06 to all!
> VY 73 de Glenn K3PP
>
>

2902. Re: [acom-list] [Update] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 15:32:45 UTC
From: Barry
Topic: 2846 Message: 2902

I went through the same thing last year, Glenn. Mouser has the caps,
too, and when I ordered, there was no minimum.
Barry W2UP

Glenn O'Donnell, K3PP wrote:
>
> Hi everyone,
>
> First, thanks a 1.0E+06 to everyone for their help with this problem.
>
> Second, here is what I did so far:
>
> I ordered a set of GU74b tubes from Ron at Vine Antennas in the UK. They
> arrived in good shape, but it appears the tubes are not the problem.
> I'll know for sure once I get deeper into this, but I do know that C2 is
> bad in the lov voltage power supply. Stan LZ1IU from Acom gave me
> excellent instructions to troubleshoot this.
>
> It took me a few weeks to get to it, since my travel and work loads were
> horrendous, as usual. I finally took a look at it this morning. The
> diagnosis told me to look at the low voltage board. It's a pain to get
> to this board, but I finally did and there it was, as obvious to the
> naked eye as you can get. The electrolytic capacitor C2 had a big bubble
> on it. It is clearly fried.
>
> It is a 47 uF/250v device with radial leads (both leads coming off the
> same end of the can). I'm sure this isn't a Radio Shack part, so where
> can I get one? Digi-Key has them, but I doubt they'll sell me just one
> at a buck or two a piece! Maybe it's time for a big Digi-Key delivery
> from Santa! HI! I better make my list for him!
>
> Thank you!
> VY 73 de Glenn K3PP
>
> Glenn O'Donnell, K3PP wrote:
> >
> > Hi gang,
> >
> > I have one of the first 2000A units sold here in the US and it's now
> > dead with this error. Actually, it's been dead for well over a year, but
> > I've been too busy to deal with it. Now that contest season is under
> > way, I want to get things going again. Better late than never! :-(
> >
> > I know this has come up here before and my perusal of the list archive
> > tells me my most likely cause is a fried screen or control grid in one

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> > but then also confirmed the bad tube fault:
> > http://groups.yahoo.com/group/acom-list/message/2238
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> <http://groups.yahoo.com/group/acom-list/message/2238>>
> > Tony, I love ya man, but what's the scoop?
> >
> > My problem first appeared intermittently, but rapidly turned permanent.
> > I buy Hal's theory because I had a lot of trouble in its early days with
> > spikes from my Icom IC775 kicking it off with arc faults. I finally got
> > that under control, but I suppose the damage was already done.
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> > My two questions:
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> > it appears Vine in the UK is the best source, right?
> >
> > I've exchanged email a few times with Will K6ND at Acom. He was helpful,
> > but suggested I send it back to them for repair. I know they're good,
> > and reasonable, but I can't respect myself as a technical guy if I don't
> > at least take a stab at repairing it myself first!
> >
> > Thanks a 1.0E+06 to all!
> > VY 73 de Glenn K3PP
> >
> >
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.15/1833 - Release Date: 12/5/2008 7:08 PM
>
>

--

Barry Kutner, W2UP Newtown, PA

2903. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 22:59:10 UTC
From: Kees - pa7two
Topic: 2897 Message: 2903

Hi,

See the attached. I only wanted to prove that certain persons on this reflector have NO idea what they are talking about when it come to Svetlana tubes and their tube production. See the attached photo.
Please mention what you see on the photo on the reflector. Thanks.
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: k2qbv@...: Fri, 5 Dec 2008 21:35:44 -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Kees, PA7TWO,Let me hear more. I purchased a large amount for ACOM users from the UK but if you have new ones, let me hear conditions, guarantees, cost, etc.K2QBV, JoelTo: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 5 Dec 2008 22:38:33 +0000Subject: [acom-list] GU74B tubes manufactured Year 2008Hi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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You live life online. So we put Windows on the web.
http://clk.atdmt.com/MRT/go/127032869/direct/01/

[Non-text portions of this message have been removed]

2904. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 23:03:21 UTC
From: Kees - pa7two
Topic: 2897 Message: 2904

Hi,

See the attached. I have still some of these tubes available and they will be available by me for at least some years. No problem sourcing these GU74B tubes.
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: stephen.tripp@...: Fri, 5 Dec 2008 19:15:15 -0500Subject: Re: [acom-list] GU74B tubes manufactured Year 2008

I am thinking I should buy some. I just heard that the Titan 3 (forgot who makes it) has been discontinued because they can not get these tubesstHi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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Send e-mail anywhere. No map, no compass.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

[Non-text portions of this message have been removed]

2905. Re: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-06 23:04:18 UTC
From: Neal Campbell
Topic: 2897 Message: 2905

They will not pass pictures or attachments to the reflector, sri!!

Neal Campbell
Abroham Neal Software
Programming Services for Windows, OS X and Linux
(540) 242 0911

Try Spot for OS X, the intelligent DXCluster Client at
www.abrohamnealsoftware.com - $15.99

For a great dog book, visit www.abrohamneal.com

See the FlexRadio Systems Flex-5000a in
action at www.flex-videos.com

On Sat, Dec 6, 2008 at 6:03 PM, Kees - pa7two <pa7two@...> wrote:
>
> Hi,
>
> See the attached. I have still some of these tubes available and they will be available by me for at least some years. No problem sourcing these GU74B tubes.
> Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
>
>
> To: acom-list@yahoogroups.comFrom: stephen.tripp@...: Fri, 5 Dec 2008 19:15:15 -0500Subject: Re: [acom-list] GU74B tubes manufactured Year 2008
>
>
>
> I am thinking I should buy some. I just heard that the Titan 3 (forgot who makes it) has been discontinued because they can not get these tubesstHi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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2906. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 00:40:45 UTC
From: Joel Kornreich
Topic: 2897 Message: 2906

Kees,

You have not answered my previous e mail as seen below. A photo of two GU74B tubes? Big deal, can you indicate the answers to my questions for I simply can not see any amplifier owner wanting these to just simply see a photo. I think we all know what the GU74B tubes really look like. For anyone to purchase what you previously said they or I would need to really establish that the tubes were INDEED in the year 2004 and 2008 and new and not just taken off E-BAY or from a person in Europe. Are the tubes NEW???? I think we're all waiting to hear your response....

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: pa7two@...: Sat, 6 Dec 2008 22:59:10 +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Hi, See the attached. I only wanted to prove that certain persons on this reflector have NO idea what they are talking about when it come to Svetlana tubes and their tube production. See the attached photo.Please mention what you see on the photo on the reflector. Thanks. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom: k2qbv@...: Fri, 5 Dec 2008 21:35:44 -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Kees, PA7TWO,Let me hear more. I purchased a large amount for ACOM users from the UK but if you have new ones, let me hear conditions, guarantees, cost, etc.K2QBV, JoelTo: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 5 Dec 2008 22:38:33 +0000Subject: [acom-list] GU74B tubes manufactured Year 2008Hi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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http://clk.atdmt.com/MRT/go/127032869/direct/01/

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2907. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 12:02:13 UTC
From: Kees - pa7two
Topic: 2897 Message: 2907

Hi Joel,

Apparently I missed your question?

FYI: I have up to now 37 requests for JUST the photo :-) I think I made my point.

Like one stated: Seeing it is believing it. It is SO simple. Take it or leave it I guess!

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: k2qbv@...
Date: Sat, 6 Dec 2008 19:40:45 -0500
Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Kees,

You have not answered my previous e mail as seen below. A photo of two GU74B tubes? Big deal, can you indicate the answers to my questions for I simply can not see any amplifier owner wanting these to just simply see a photo. I think we all know what the GU74B tubes really look like. For anyone to purchase what you previously said they or I would need to really establish that the tubes were INDEED in the year 2004 and 2008 and new and not just taken off E-BAY or from a person in Europe. Are the tubes NEW???? I think we're all waiting to hear your response....

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: pa7two@...: Sat, 6 Dec 2008 22:59:10 +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Hi, See the attached. I only wanted to prove that certain persons on this reflector have NO idea what they are talking about when it come to Svetlana tubes and their tube production. See the attached photo.Please mention what you see on the photo on the reflector. Thanks. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom: k2qbv@...: Fri, 5 Dec 2008 21:35:44 -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Kees, PA7TWO,Let me hear more. I purchased a large amount for ACOM users from the UK but if you have new ones, let me hear conditions, guarantees, cost, etc.K2QBV, JoelTo: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 5 Dec 2008 22:38:33 +0000Subject: [acom-list] GU74B tubes manufactured Year 2008Hi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. _____Send e-mail faster without

improving your typing skills.http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008[Non-text portions of this message have been removed]
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2908. Re: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 13:21:04 UTC
From: Barry
Topic: 2897 Message: 2908

Kees,
Since the list won't accept attachments, upload the picture to a hosting site and post a LINK to it.
Barry W2UP

Kees - pa7two wrote:
>
>
> Hi Joel,
>
> Apparently I missed your question?
>
> FYI: I have up to now 37 requests for JUST the photo :-) I think I
> made my point.
>
> Like one stated: Seeing it is believing it. It is SO simple. Take it
> or leave it I guess!
>
> Vy 73, de Kees.
>
> Member of an all HAM family.
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> From: k2qbv@... <mailto:k2qbv%40hotmail.com>
> Date: Sat, 6 Dec 2008 19:40:45 -0500
> Subject: RE: [acom-list] GU74B tubes manufactured Year 2008
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> Kees,
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> You have not answered my previous e mail as seen below. A photo of two
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> would need to really establish that the tubes were INDEED in the year
> 2004 and 2008 and new and not just taken off E-BAY or from a person in
> Europe. Are the tubes NEW???? I think we're all waiting to hear your
> response....
>
> Joel, K2QBV
>
> To: acom-list@yahoogroups.comFrom
> <mailto:acom-list%40yahoogroups.comFrom>: pa7two@...

> <mailto:pa7two%40hotmail.comDate>: Sat, 6 Dec 2008 22:59:10
> +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008
>
> Hi, See the attached. I only wanted to prove that certain persons on
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> to Svetlana tubes and their tube production. See the attached
> photo.Please mention what you see on the photo on the reflector.
> Thanks. Vy 73, de Kees. Member of an all HAM family.AmateurRadio :
> PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom
> <mailto:acom-list%40yahoogroups.comFrom>: k2qbv@...
> <mailto:k2qbv%40hotmail.comDate>: Fri, 5 Dec 2008 21:35:44
> -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Kees,
> PA7TWO,Let me hear more. I purchased a large amount for ACOM users
> from the UK but if you have new ones, let me hear conditions,
> guarantees, cost, etc.K2QBV, JoelTo: acom-list@yahoogroups.comFrom
> <mailto:acom-list%40yahoogroups.comFrom>: pa7two@...
> <mailto:pa7two%40hotmail.comDate>: Fri, 5 Dec 2008 22:38:33
> +0000Subject: [acom-list] GU74B tubes manufactured Year 2008Hi all, If
> anyone is interested in photos of year 2004 and year 2008 Svetlana
> (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still
> producing these tubes for militairy market but at least on elot seems
> to be found these days on the HAM market as well. Vy 73, de Kees.
> Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator:
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> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.15/1834 - Release Date: 12/6/2008 4:55 PM
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Barry Kutner, W2UP Newtown, PA

2909. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 13:32:12 UTC
From: Joel Kornreich
Topic: 2897 Message: 2909

Kees,

I guess that anyone that reads what you just wrote won't take anything from you. Do you think what I just asked is unreasonable. So I will ask you the simple question again for this seems like exactly what you did on the YAHOO FT2000 REFLECTOR.

We're all waiting to hear your response for I like I'm sure most people interested are "out of here" as you're concerned. If you deside to answer, please tell us how you are set up to determine a true "matched pair".

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: pa7two@...: Sun, 7 Dec 2008 12:02:13 +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Hi Joel, Apparently I missed your question?FYI: I have up to now 37 requests for JUST the photo :-) I think I made my point.Like one stated: Seeing it is believing it. It is SO simple. Take it or leave it I guess!Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom: k2qbv@...: Sat, 6 Dec 2008 19:40:45 -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Kees,You have not answered my previous e mail as seen below. A photo of two GU74B tubes? Big deal, can you indicate the answers to my questions for I simply can not see any amplifier owner wanting these to just simply see a photo. I think we all know what the GU74B tubes really look like. For anyone to purchase what you previously said they or I would need to really establish that the tubes were INDEED in the year 2004 and 2008 and new and not just taken off E-BAY or from a person in Europe. Are the tubes NEW???? I think we're all waiting to hear your response....Joel, K2QBVTo: acom-list@yahoogroups.comFrom: pa7two@...: Sat, 6 Dec 2008 22:59:10 +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Hi, See the attached. I only wanted to prove that certain persons on this reflector have NO idea what they are talking about when it come to Svetlana tubes and their tube production. See the attached photo.Please mention what you see on the photo on the reflector. Thanks. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp. To: acom-list@yahoogroups.comFrom: k2qbv@...: Fri, 5 Dec 2008 21:35:44 -0500Subject: RE: [acom-list] GU74B tubes manufactured Year 2008Kees, PA7TWO,Let me hear more. I purchased a large amount for ACOM users from the UK but if you have new ones, let me hear conditions, guarantees, cost, etc.K2QBV, JoelTo: acom-list@yahoogroups.comFrom: pa7two@...: Fri, 5 Dec 2008 22:38:33 +0000Subject: [acom-list] GU74B tubes manufactured Year 2008Hi all, If anyone is interested in photos of year 2004 and year 2008 Svetlana (new) 4cx800a tubes, e-mail me. As I said before, Svetlana is still producing these tubes for militairy market but at least on elot seems to be found these days on the HAM market as well. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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2910. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 15:22:09 UTC
From: Kees - pa7two
Topic: 2897 Message: 2910

Joel,

Let me set something VERY clear now. Did I mention anything related to the availability of a matched pair? NO! So, your 'simple' question is hereby answered.

Again and please for all our sake read this very thoroughly: The only thing I wanted to point out, and I say it hereby again, is that the GU74B (labeled as 4cx800a) tubes are still manufactured over the last few years at Svetlana SED factory. This despite what some persons on the various reflectors are telling us. Nothing more, nothing less. All fully understood now?

To prove that fact (the availability of these tubes) I have made a photo of some of these tubes and everybody who wants a copy of this photo can get one by asking for it via an e-mail request to my private e-mail address. Exactly that fact, and only that fact, is all there is. The fact that you find the proof by the means of a photo to you is a "big deal", is all-up-to-you my friend.

To answer the generic question of how to see if your set of tubes match in an ACOM 2000A: A good mechanism to determine a good matched pair is quite simple. If the bias current is within 5% difference between the tubes (or better even less) and furthermore can be checked by the temperature difference between the two tubes in an ACOM 2000A during operating should be within a few degrees Celsius, the match is pretty good.

FT2000 group is a totally different story Joel, and has nothing to do with the availability of new Svetlana GU74B tubes topic. Some say on this reflector "Praise the Lord, what a good radio" and some say "it is crap". My personal opinion is right in the middle actually. However, I have no ideas why you mention this reflector site? And please, if you really feel the need, please pin point what you refer to, I for certain have no idea. It does not relate to the topic "GU74B tubes manufactured Year 2008".

Any more questions? Please shoot these to my personal e-mail, thanks!

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: k2qbv@...
Date: Sun, 7 Dec 2008 08:32:12 -0500
Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

Kees,

I guess that anyone that reads what you just wrote won't take anything from you. Do you think what I just asked is unreasonable. So I will ask you the simple question again for this seems like exactly what you did on the YAHOO FT2000 REFLECTOR.

We're all waiting to hear your response for I like I'm sure most people interested are "out of here" as you're concerned. If you deside to answer, please tell us how you are set up to determine a true "matched pair".

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: pa7two@...: Sun, 7 Dec 2008 12:02:13 +0000Subject: RE: [acom-list] GU74B tubes manufactured Year 2008

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Suspicious message? There?s an alert for that.
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2911. RE: [acom-list] GU74B tubes manufactured Year 2008

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 16:42:45 UTC
From: Paul M Dunphy
Topic: 2897 Message: 2911

Kees,

How much are you asking for one NEW Svetlana 4CX800A (2008 edition) tube?

73, Paul VE1DX

2912. RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 17:24:52 UTC
From: Joel Kornreich
Topic: 2897 Message: 2912

Kees,

First off, I'm not going round and round with you on these tubes. If you think people will buy these from you because you sent a picture I think you're mistaken.

Allow me to comment on your e mail below AND on your e mail to this ACOM reflector dated December 6th.

You seem to be jumping both sides of the fence for you stated in your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME YEARS". You go on to state that "NO PROBLEM SOURCING THESE GU74B TUBES". Now in your new e mail reflector you're saying that you just want to prove that the tubes are available and nothing to do with you providing these. Do you really think people will purchase a tube(s) from a picture??

Merry Christmas.....

Joel, K2QBV

http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

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2913. RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 17:39:03 UTC
From: Kees - pa7two
Topic: 2897 Message: 2913

Hi Joel,

You already did. Even that you do not understand, it seems. And no I am not the only one thinking this way, looking at the feedback I receive based on your messages.

Seems like you still do NOT get the point! >> T*H*E* P*H*O*T*O I*S* F*O*R* R*E*F*E*R*E*N*C*E* P*U*R*P*O*S*E*S* O*N*L*Y* << I proved the statement of 'no production' is just wrong. POINT! All the rest you imagined is ... AIR.

How many time do you NOT read what is stated? How difficult can it be to understand your own language?

And YES, NOS GU74B tubes are available and will be available for us who are in the need of a spare tube. But hey! Certainly NOT for you as you SHOULD understand by now (Which I doubt :-).

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

> To: acom-list@yahoogroups.com
> From: k2qbv@...
> Date: Sun, 7 Dec 2008 12:24:52 -0500
> Subject: RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes
>
>
> Kees,
>
> First off, I'm not going round and round with you on these tubes. If you think people will buy these from you because you sent a picture I think you're mistaken.
>
> Allow me to comment on your e mail below AND on your e mail to this ACOM reflector
> dated December 6th.
>
> You seem to be jumping both sides of the fence for you stated in your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME YEARS". You go on to state that "NO PROBLEM SOURCING THESE GU74B TUBES". Now in your new e mail reflector you're saying that you just want to prove that the tubes are available and nothing to do with you providing these. Do you really think people will purchase a tube(s) from a picture??
>
> Merry Christmas.....
>
> Joel, K2QBV
>

>
>
> http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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>

You live life online. So we put Windows on the web.
http://clk.atdmt.com/MRT/go/127032869/direct/01/

[Non-text portions of this message have been removed]

2914. Re: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 19:02:39 UTC
From: Frank J. Connelly
Topic: 2897 Message: 2914

Good grief. I think this horse has died from its beating.

Can we move on? Or can this pissing match go private?

On Dec 7, 2008, at 10:24 AM, Joel Kornreich wrote:

>
> Kees,
>
> First off, I'm not going round and round with you on these tubes.
> If you think people will buy these from you because you sent a
> picture I think you're mistaken.
>
> Allow me to comment on your e mail below AND on your e mail to this
> ACOM reflector
> dated December 6th.
>
> You seem to be jumping both sides of the fence for you stated in
> your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES
> AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME YEARS".
> You go on to state that "NO PROBLEM SOURCING THESE GU74B TUBES".
> Now in your new e mail reflector you're saying that you just want to
> prove that the tubes are available and nothing to do with you
> providing these. Do you really think people will purchase a tube(s)
> from a picture??
>
> Merry Christmas.....
>
> Joel, K2QBV
>
>
>
>
> http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

2915. Re: [acom-list] [Update] Acom 2000A BIAS TOO LOW

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 19:31:07 UTC
From: Barry N1EU
Topic: 2846 Message: 2915

On Sat, Dec 6, 2008 at 3:32 PM, Barry <w2up3@...> wrote:
> I went through the same thing last year.

Is there any such thing as a routine maintenance guideline for the
2000A - replacement of several passive components at the 5+ year mark?
There really needs to be for a $6K+ piece of gear that will be in use
for decades.

I know there are also some problematic 100 ohm 1W/3W resistors that
age and mess up some of the internal measurements.

73,
Barry N1EU

2916. RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 20:12:14 UTC
From: Kees - pa7two
Topic: 2897 Message: 2916

Amen!

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: w7nd@mac.com
Date: Sun, 7 Dec 2008 12:02:39 -0700
Subject: Re: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Good grief. I think this horse has died from its beating.

Can we move on? Or can this pissing match go private?

On Dec 7, 2008, at 10:24 AM, Joel Kornreich wrote:

>

> Kees,

>

> First off, I'm not going round and round with you on these tubes.

> If you think people will buy these from you because you sent a

> picture I think you're mistaken.

>

> Allow me to comment on your e mail below AND on your e mail to this

> ACOM reflector

> dated December 6th.

>

> You seem to be jumping both sides of the fence for you stated in

> your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES

> AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME YEARS".

> You go on to state that "NO PROBLEM SOURCING THESE GU74B TUBES".

> Now in your new e mail reflector you're saying that you just want to

> prove that the tubes are available and nothing to do with you

> providing these. Do you really think people will purchase a tube(s)

> from a picture??

>

> Merry Christmas.....

>

> Joel, K2QBV

>

>

>

> http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

>

> [Non-text portions of this message have been removed]

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>

> Yahoo! Groups Links

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>

Suspicious message? There?s an alert for that.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008

[Non-text portions of this message have been removed]

2917. RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 21:42:02 UTC
From: Callum M0MCX
Topic: 2897 Message: 2917

>>> Or can this pissing match go private?

Anything to stop this guy selling to me once a month please.

Kees, kindly take your bleating and salesmanship elsewhere and I'll do my
own Amens when you have finally turned the frigging volume down!

Amen :)

Callum McCormick
http://www.m0mcx.co.uk/

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Kees - pa7two
Sent: 07 December 2008 20:12
To: ACOM Reflector site
Subject: RE: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Amen!

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: w7nd@...
Date: Sun, 7 Dec 2008 12:02:39 -0700
Subject: Re: [acom-list] RESPONSE to 2008 manufactured GU74B tubes

Good grief. I think this horse has died from its beating.

Can we move on? Or can this pissing match go private?

On Dec 7, 2008, at 10:24 AM, Joel Kornreich wrote:

>

> Kees,

>

> First off, I'm not going round and round with you on these tubes.

> If you think people will buy these from you because you sent a

> picture I think you're mistaken.

>

> Allow me to comment on your e mail below AND on your e mail to this

> ACOM reflector

> dated December 6th.

>

> You seem to be jumping both sides of the fence for you stated in

> your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES

> AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME YEARS".

> You go on to state that "NO PROBLEM SOURCING THESE GU74B TUBES".

> Now in your new e mail reflector you're saying that you just want to

> prove that the tubes are available and nothing to do with you

> providing these. Do you really think people will purchase a tube(s)

> from a picture??

>

> Merry Christmas.....

>

> Joel, K2QBV

>

>

>

>
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_1
22008

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> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links

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Suspicious message? There's an alert for that.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_broad2_
122008

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2918. Re: RESPONSE to 2008 manufactured GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-07 23:54:04 UTC
From: pe1czg
Topic: 2897 Message: 2918

English is not my native language but following the
whole "discussion" it looks like some confusion has come into it.
I understood from all posts sofar that Kees only offers to sent a
picture to whom who are interested to look at a 4CX800 tube
manufactured in 2008 by Svetlana. No mentioning of selling those
4CX800 made in 2008....
I think there is nothing wrong if someone offers to sent a picture to
proof that a tube is still in production. I did bought a GU74 from
Kees (NOS) and this tube is working excellent in my acom 1000 and is
kept as a spare now.

Hopefully this discussion can be closed as it is just don't add any
value.

73's Ger PE1CZG

--- In acom-list@yahoogroups.com, "Frank J. Connelly" <w7nd@...>
wrote:
>
> Good grief. I think this horse has died from its beating.
>
> Can we move on? Or can this pissing match go private?
>
>
> On Dec 7, 2008, at 10:24 AM, Joel Kornreich wrote:
>
> >
> > Kees,
> >
> > First off, I'm not going round and round with you on these
tubes.
> > If you think people will buy these from you because you sent a
> > picture I think you're mistaken.
> >
> > Allow me to comment on your e mail below AND on your e mail to
this
> > ACOM reflector
> > dated December 6th.
> >
> > You seem to be jumping both sides of the fence for you stated in
> > your December 6, e-mail that "I HAVE STILL SOME OF THESE TUBES
> > AVAILABLE AND THEY WILL BE AVAILABLE BY ME FOR AT LEAST SOME
YEARS".
> > You go on to state that "NO PROBLEM SOURCING THESE GU74B
TUBES".
> > Now in your new e mail reflector you're saying that you just want

to
> > prove that the tubes are available and nothing to do with you
> > providing these. Do you really think people will purchase a tube
(s)
> > from a picture??
> >
> > Merry Christmas.....
> >
> > Joel, K2QBV
> >
> >
> >
> > http://windowslive.com/Explore/hotmail?
ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008
> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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2919. 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 14:43:36 UTC
From: Bill Dzurilla
Topic: 2919 Message: 2919

For anyone who was following my prior posts, when I last wrote my 2000a was not working and Will had told me to send the amp to ACOM for service.

The next day Will emailed me and said his engineer in Bulgaria suggested that I replace C22 on the low voltage board before returning the amp. He sent me a pic of the board. I took off the cover and could not even see this board. Searched the internet for info and finally found it. It is buried underneath 2 high voltage boards, almost invisible. I called Will and he explained how to get at it, not nearly as hard as it looks. On the top HV board, pop off all the connectors (no desoldering required) and unscrew the ground lug. Then, go to the bottom of the amp and unscrew the 5 screws to the extenders that hold the HV boards to the chassis. Then the HV boards may be removed, they slip out together. Now you can see the LV board. Unscrew it and with the small transformer, remove the connectors and the board and transformer come out together.

When I took out the LV board, it was visibly clear that C22 was damaged. It was not hard to solder and replace ($3 for a new cap at a local shop). The hardest part was putting everything back together. But what a great feeling when I fired it up and saw that this trusty amp was working again. I am not a good technician and this was a big project for me.

I took some photos while I had it apart and can post them if anyone is interested.

73, Bill NZ5N

[Non-text portions of this message have been removed]

2920. Re: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 14:55:43 UTC
From: Richard Zalewski
Topic: 2919 Message: 2920

Good job Bill. Those guys at Acom are terrific for their support.
Other manufacturers and sellers could learn some things. I had to
replace my eprom and Will was great help with that project. Your
pictures and narrative might be of help to someone in the future so
putting them on the board would be great.

On Mon, Dec 8, 2008 at 7:43 AM, Bill Dzurilla <billdz.geo@...> wrote:
> For anyone who was following my prior posts, when I last wrote my 2000a was
> not working and Will had told me to send the amp to ACOM for service.
>
> The next day Will emailed me and said his engineer in Bulgaria suggested
> that I replace C22 on the low voltage board before returning the amp. He
> sent me a pic of the board. I took off the cover and could not even see
> this board. Searched the internet for info and finally found it. It is
> buried underneath 2 high voltage boards, almost invisible. I called Will
> and he explained how to get at it, not nearly as hard as it looks. On the
> top HV board, pop off all the connectors (no desoldering required) and
> unscrew the ground lug. Then, go to the bottom of the amp and unscrew the 5
> screws to the extenders that hold the HV boards to the chassis. Then the HV
> boards may be removed, they slip out together. Now you can see the LV
> board. Unscrew it and with the small transformer, remove the connectors and
> the board and transformer come out together.
>
> When I took out the LV board, it was visibly clear that C22 was damaged. It
> was not hard to solder and replace ($3 for a new cap at a local shop). The
> hardest part was putting everything back together. But what a great feeling
> when I fired it up and saw that this trusty amp was working again. I am not
> a good technician and this was a big project for me.
>
> I took some photos while I had it apart and can post them if anyone is
> interested.
>
> 73, Bill NZ5N
>
> [Non-text portions of this message have been removed]
>
>

--
Tnx es 73
Dick W7ZR
www.w7zr.com

You will never get ahead trying to get even

2921. Re: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 15:05:49 UTC
From: Barry N1EU
Topic: 2919 Message: 2921

Bill, please post photos to http://ph.groups.yahoo.com/group/acom-list/photos
or email them to me and I'll post them.

Thanks & 73,
Barry N1EU

On Mon, Dec 8, 2008 at 9:43 AM, Bill Dzurilla <billdz.geo@...> wrote:
> For anyone who was following my prior posts, when I last wrote my 2000a was
> not working and Will had told me to send the amp to ACOM for service.
>
> The next day Will emailed me and said his engineer in Bulgaria suggested
> that I replace C22 on the low voltage board before returning the amp. He
> sent me a pic of the board. I took off the cover and could not even see
> this board. Searched the internet for info and finally found it. It is
> buried underneath 2 high voltage boards, almost invisible. I called Will
> and he explained how to get at it, not nearly as hard as it looks. On the
> top HV board, pop off all the connectors (no desoldering required) and
> unscrew the ground lug. Then, go to the bottom of the amp and unscrew the 5
> screws to the extenders that hold the HV boards to the chassis. Then the HV
> boards may be removed, they slip out together. Now you can see the LV
> board. Unscrew it and with the small transformer, remove the connectors and
> the board and transformer come out together.
>
> When I took out the LV board, it was visibly clear that C22 was damaged. It
> was not hard to solder and replace ($3 for a new cap at a local shop). The
> hardest part was putting everything back together. But what a great feeling
> when I fired it up and saw that this trusty amp was working again. I am not
> a good technician and this was a big project for me.
>
> I took some photos while I had it apart and can post them if anyone is
> interested.

2922. Re: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 16:30:41 UTC
From: k2qmf@juno.com
Topic: 2919 Message: 2922

Hi Bill,

YES I am very interested in seeing the photos...

Thanks in advance.

73,
Ted K2QMF

On Mon, 8 Dec 2008 06:43:36 -0800 (PST) Bill Dzurilla
<billdz.geo@...> writes:
> For anyone who was following my prior posts, when I last wrote my
> 2000a was not working and Will had told me to send the amp to ACOM
> for service.
>
> The next day Will emailed me and said his engineer in Bulgaria
> suggested that I replace C22 on the low voltage board before
> returning the amp. He sent me a pic of the board. I took off the
> cover and could not even see this board. Searched the internet for
> info and finally found it. It is buried underneath 2 high voltage
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> at it, not nearly as hard as it looks. On the top HV board, pop off
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> damaged. It was not hard to solder and replace ($3 for a new cap at
> a local shop). The hardest part was putting everything back
> together. But what a great feeling when I fired it up and saw that
> this trusty amp was working again. I am not a good technician and
> this was a big project for me.
>
> I took some photos while I had it apart and can post them if anyone
> is interested.
>
> 73, Bill NZ5N
>
>
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> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links
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Save $15 on Flowers and Gifts from FTD!
Shop now at http://offers.juno.com/TGL1141/?u=http://www.ftd.com/17007

2923. Re: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 17:56:47 UTC
From: Bill NY9H
Topic: 2919 Message: 2923

gud job.....

congrats.... such a great feeling not to have to worry abt shipping
the monster.

Such support is why people will spend the extra bucks...
well built & supported.....

bill

At 08:43 AM 12/8/2008, you wrote:
>For anyone who was following my prior posts, when I last wrote my
>2000a was not working and Will had told me to send the amp to ACOM for service.
>
>The next day Will emailed me and said his engineer in Bulgaria
>suggested that I replace C22 on the low voltage board before
>returning the amp. He sent me a pic of the board. I took off the
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>all the connectors (no desoldering required) and unscrew the ground
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>the extenders that hold the HV boards to the chassis. Then the HV
>boards may be removed, they slip out together. Now you can see the
>LV board. Unscrew it and with the small transformer, remove the
>connectors and the board and transformer come out together.
>
>When I took out the LV board, it was visibly clear that C22 was
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>a local shop). The hardest part was putting everything back
>together. But what a great feeling when I fired it up and saw that
>this trusty amp was working again. I am not a good technician and
>this was a big project for me.
>
>I took some photos while I had it apart and can post them if anyone
>is interested.
>
>73, Bill NZ5N
>
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>Yahoo! Groups Links
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2924. Acom X-MASS card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 18:27:14 UTC
From: Kees - pa7two
Topic: 2924 Message: 2924

Hi all,

Received today a beautiful season / x-mass card from Acom. Knowing that ACOM reads this reflector, just two words: Thank you!
Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

You live life online. So we put Windows on the web.
http://clk.atdmt.com/MRT/go/127032869/direct/01/

[Non-text portions of this message have been removed]

2925. Re: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 18:31:08 UTC
From: LA7SL Nils "Peter"
Topic: 2919 Message: 2925

I wish we had the same support here in Europe....
....
----- Original Message -----
From: Bill NY9H
To: acom-list@yahoogroups.com
Sent: Monday, December 08, 2008 6:56 PM
Subject: Re: [acom-list] 2000a fixed - power supply board pics

gud job.....

congrats.... such a great feeling not to have to worry abt shipping
the monster.

Such support is why people will spend the extra bucks...
well built & supported.....

bill

At 08:43 AM 12/8/2008, you wrote:
>For anyone who was following my prior posts, when I last wrote my
>2000a was not working and Will had told me to send the amp to ACOM for service.
>
>The next day Will emailed me and said his engineer in Bulgaria
>suggested that I replace C22 on the low voltage board before
>returning the amp. He sent me a pic of the board. I took off the
>cover and could not even see this board. Searched the internet for
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>at it, not nearly as hard as it looks. On the top HV board, pop off
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>boards may be removed, they slip out together. Now you can see the
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>together. But what a great feeling when I fired it up and saw that
>this trusty amp was working again. I am not a good technician and
>this was a big project for me.
>
>I took some photos while I had it apart and can post them if anyone
>is interested.
>

>73, Bill NZ5N
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

2926. RE: [acom-list] 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-08 21:37:35 UTC
From: Kees - pa7two
Topic: 2919 Message: 2926

Hi Niels,

Do you mean your local shop where you purchased your amplifier, or the Acom factory in Bulgaria?

I had one Acom 1000 with a blow resistor (see report on eHam) and Stanimir from Acom was extremely helpfull with advice and photos, in such a way that I was able to pin point the problem pretty fast and did a repair myself.

On another instance I bought an Acom 1010 for fieldday operations and asked some questions upfront the sale to be able to make the right decission which amp to buy. Promptly I was answered with some very honest views and advice, again by Stan.

At a later point I ordered some spare parts for the Acom 1010 (I always order the obvious items, like RF relays, capacitors and stuff). I was offered very attractive total price including shipment and of course I took the offer. At no way I would have been able to buy these parts cheaper elsewhere, as I found out trying to find the parts on the I-net.

Tell us your story please? (Via private mail or reflector, either of the two is OK for me.)
Vy 73, de Kees. Member of an all HAM family.
AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: la7sl@...: Mon, 8 Dec 2008 19:31:08 +0100Subject: Re: [acom-list] 2000a fixed - power supply board pics

I wish we had the same support here in Europe.....----- Original Message ----- From: Bill NY9H To: acom-list@yahoogroups.com Sent: Monday, December 08, 2008 6:56 PMSubject: Re: [acom-list] 2000a fixed - power supply board picsgud job.....congrats.... such a great feeling not to have to worry abt shipping the monster.Such support is why people will spend the extra bucks...well built & supported.....billAt 08:43 AM 12/8/2008, you wrote:>For anyone who was following my prior posts, when I last wrote my >2000a was not working and Will had told me to send the amp to ACOM for service.>>The next day Will emailed me and said his engineer in Bulgaria >suggested that I replace C22 on the low voltage board before >returning the amp. He sent me a pic of the board. I took off the >cover and could not even see this board. Searched the internet for >info and finally found it. It is buried underneath 2 high voltage >boards, almost invisible. I called Will and he explained how to get >at it, not nearly as hard as it looks. On the top HV board, pop off >all the connectors (no desoldering required) and unscrew the ground >lug. Then, go to the bottom of the amp and unscrew the 5 screws to >the extenders that hold the HV boards to the chassis. Then the HV >boards may be removed, they slip out together. Now you can see the >LV board. Unscrew it and with the small transformer, remove the >connectors and the board and transformer come out together.>>When I took out the LV board, it was visibly clear that C22 was >damaged. It was not hard to solder and replace ($3 for a new cap at >a local shop). The hardest part was putting everything back >together. But what a great feeling when I fired it up and saw that >this trusty amp was working again. I am not a good technician and >this was a big project for me.>>I took some photos while I had it apart and can post them if anyone >is interested.>>73, Bill NZ5N>>>>>>[Non-text portions of this message have been

removed]>>>----------->>Yahoo! Groups Links>>>[Non-text portions of this message have been removed]

_____
Send e-mail faster without improving your typing skills.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

[Non-text portions of this message have been removed]

2927. Re: 2000a fixed - power supply board pics NOW POSTED

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-09 03:51:51 UTC
From: billdz.geo
Topic: 2919 Message: 2927

Thanks Ted and all others who responded.

I have posted the pics at:
http://ph.groups.yahoo.com/group/acom-list/photos/browse/bb81

73, Bill NZ5N

--- In acom-list@yahoogroups.com, k2qmf@... wrote:
>
> Hi Bill,
>
> YES I am very interested in seeing the photos...
>
> Thanks in advance.
>
> 73,
> Ted K2QMF
>
> On Mon, 8 Dec 2008 06:43:36 -0800 (PST) Bill Dzurilla
> <billdz.geo@...> writes:
> > For anyone who was following my prior posts, when I last wrote my
> > 2000a was not working and Will had told me to send the amp to ACOM
> > for service.
> >
> > The next day Will emailed me and said his engineer in Bulgaria
> > suggested that I replace C22 on the low voltage board before
> > returning the amp. He sent me a pic of the board. I took off the
> > cover and could not even see this board. Searched the internet for
> > info and finally found it. It is buried underneath 2 high voltage
> > boards, almost invisible. I called Will and he explained how to get
> > at it, not nearly as hard as it looks. On the top HV board, pop off
> > all the connectors (no desoldering required) and unscrew the ground
> > lug. Then, go to the bottom of the amp and unscrew the 5 screws to
> > the extenders that hold the HV boards to the chassis. Then the HV
> > boards may be removed, they slip out together. Now you can see the
> > LV board. Unscrew it and with the small transformer, remove the
> > connectors and the board and transformer come out together.
> >
> > When I took out the LV board, it was visibly clear that C22 was
> > damaged. It was not hard to solder and replace ($3 for a new cap at
> > a local shop). The hardest part was putting everything back
> > together. But what a great feeling when I fired it up and saw that
> > this trusty amp was working again. I am not a good technician and
> > this was a big project for me.
> >
> > I took some photos while I had it apart and can post them if anyone

> > is interested.
> >
> > 73, Bill NZ5N
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> --
> Save $15 on Flowers and Gifts from FTD!
> Shop now at http://offers.juno.com/TGL1141/?u=http://www.ftd.com/17007
>

2928. Re: 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-09 18:45:37 UTC
From: lx1no
Topic: 2919 Message: 2928

> I wish we had the same support here in Europe....

I oppose to this statement. Support from Acom is absolutely perfect
and up to the point.

73 Norby

2929. Re: [acom-list] Re: 2000a fixed - power supply board pics

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-09 21:32:31 UTC
From: LA7SL Nils "Peter"
Topic: 2919 Message: 2929

Ok...may be just coincidences and bad luck then...

----- Original Message -----
From: lx1no
To: acom-list@yahoogroups.com
Sent: Tuesday, December 09, 2008 7:45 PM
Subject: [acom-list] Re: 2000a fixed - power supply board pics

> I wish we had the same support here in Europe....

I oppose to this statement. Support from Acom is absolutely perfect
and up to the point.

73 Norby

[Non-text portions of this message have been removed]

2930. ACOM1000 Fault

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 15:11:56 UTC
From: Brian A.
Topic: 2930 Message: 2930

I was just sitting there with the amp on.

I heard a buzz which sounded like a relay buzzing on/off at a high rate. The lower line of the display was very faint and appears to be scanning at a very high rate.

Now at startup, instead of the count down appearing, the normal after countdown items display on the lower line. Very faint. Like above.

After the countdown finishes, the very faint display remains. The buzz is there too. The buzz is eliminated by pressing the OPER button putting the amp in stand by. The HV reads 3Kv and the temp shows Exh AIR shows 32C with a room temp of 20C.

Any hints on this. I seem to recall a similar situation when I was testing a friends tubes. The bad tube seemed to generate this.

Suggestions?

73 de Brian/K3KO

2931. What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 16:40:54 UTC
From: Paul M Dunphy
Topic: 2931 Message: 2931

Does anyone know what is going on during that 150 second "warm up" countdown on an ACOM-1000? I know it's getting the tube ready to take the stress of transmitting, but what exactly is it doing electrically. Just making it sit in idle to heat up to operating temperature, or more sophisticated like slowly increasing the heater voltage/current or incrementally increasing the plate voltage?

I know with metal/ceramic tubes it isn't a good idea to turn them on and use them instantly (like we could with the old glass standards like a 3-500Z or an 811A.) Just curious what this "warming up" is actually doing.

73, Paul VE1DX

2932. RE: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 17:10:21 UTC
From: Mel Whitten
Topic: 2931 Message: 2932

Just something to agonize over while you hear that rare DX station calling CQ!

As someone once said, "Turn on the amp before you turn on the receiver."

Mel

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Wednesday, December 10, 2008 10:41 AM
To: ACOM List
Subject: [acom-list] What is going on during the countdown?

Does anyone know what is going on during that 150 second "warm up" countdown on an ACOM-1000? I know it's getting the tube ready to take the stress of transmitting, but what exactly is it doing electrically. Just making it sit in idle to heat up to operating temperature, or more sophisticated like slowly increasing the heater voltage/current or incrementally increasing the plate voltage?

I know with metal/ceramic tubes it isn't a good idea to turn them on and use them instantly (like we could with the old glass standards like a 3-500Z or an 811A.) Just curious what this "warming up" is actually doing.

73, Paul VE1DX

[Non-text portions of this message have been removed]

2933. Re: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 17:20:45 UTC
From: Barry
Topic: 2931 Message: 2933

And then you can be proud of yourself for working that rare one barefoot :.)
Barry W2UP

Mel Whitten wrote:
>
> Just something to agonize over while you hear that rare DX station calling
> CQ!
>
> As someone once said, "Turn on the amp before you turn on the receiver."
>
> Mel
>
> _____
>
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of Paul M Dunphy
> Sent: Wednesday, December 10, 2008 10:41 AM
> To: ACOM List
> Subject: [acom-list] What is going on during the countdown?
>
> Does anyone know what is going on during that 150 second "warm
> up" countdown on an ACOM-1000? I know it's getting the tube ready to
> take the stress of transmitting, but what exactly is it doing
> electrically. Just making it sit in idle to heat up to operating
> temperature, or more sophisticated like slowly increasing the heater
> voltage/current or incrementally increasing the plate voltage?
>
> I know with metal/ceramic tubes it isn't a good idea to turn
> them on and use them instantly (like we could with the old glass
> standards like a 3-500Z or an 811A.) Just curious what this "warming
> up" is actually doing.
>
> 73, Paul VE1DX
>
> [Non-text portions of this message have been removed]
>
>
> --
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.16/1841 - Release Date: 12/10/2008 9:30 AM

>
>

--

Barry Kutner, W2UP Newtown, PA

2934. Re: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 18:03:23 UTC
From: Paul M Dunphy
Topic: 2931 Message: 2934

At 01:20 PM 12/10/2008, you wrote:
>And then you can be proud of yourself for working that rare one barefoot :.)
>Barry W2UP
>
>Mel Whitten wrote:
> >
> > Just something to agonize over while you hear that rare DX station calling
> > CQ!
> >
> > As someone once said, "Turn on the amp before you turn on the receiver."
> >
> > Mel

I almost always turn on the amp before the rig or looking at the cluster! I must say that is the longest 2.5 minutes in one's life if you do it in the reverse order 'cuz you know there is going to be something you'll see or hear that you can't work with 100 watts.

Anyhow, I'm still curious what's going on during those 2.5 minutes. Maybe it just has to reach idling operating temperature before being driven. There is nothing I can find in the manual other than it's a warm up time.

73, Paul VE1DX

2935. RE: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 18:55:22 UTC
From: Kees - pa7two
Topic: 2931 Message: 2935

Please drop an e-mail to Stan at Acom Bulgaria. I am curious as well!Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: amplifier@...: Wed, 10 Dec 2008 12:40:54 -0400Subject: [acom-list] What is going on during the countdown?

Does anyone know what is going on during that 150 second "warm up" countdown on an ACOM-1000? I know it's getting the tube ready to take the stress of transmitting, but what exactly is it doing electrically. Just making it sit in idle to heat up to operating temperature, or more sophisticated like slowly increasing the heater voltage/current or incrementally increasing the plate voltage?I know with metal/ceramic tubes it isn't a good idea to turn them on and use them instantly (like we could with the old glass standards like a 3-500Z or an 811A.) Just curious what this "warming up" is actually doing.73, Paul VE1DX

Suspicious message? There?s an alert for that.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008

[Non-text portions of this message have been removed]

2936. Re: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 19:22:49 UTC
From: LA7SL Nils "Peter"
Topic: 2931 Message: 2936

In the Acom 2000A :
I know that the heater voltage/current is stepped up during this time
to prevent high inrush current. Also there is a warm-up time before
high voltages (Plate/G2) are applied. Could be the same in the 1000/1010

----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogroups.com
Sent: Wednesday, December 10, 2008 7:03 PM
Subject: Re: [acom-list] What is going on during the countdown?

At 01:20 PM 12/10/2008, you wrote:
>And then you can be proud of yourself for working that rare one barefoot :.)
>Barry W2UP
>
>Mel Whitten wrote:
> >
> > Just something to agonize over while you hear that rare DX station calling
> > CQ!
> >
> > As someone once said, "Turn on the amp before you turn on the receiver."
> >
> > Mel

I almost always turn on the amp before the rig or looking at the
cluster! I must say that is the longest 2.5 minutes in one's life if
you do it in the reverse order 'cuz you know there is going to be
something you'll see or hear that you can't work with 100 watts.

Anyhow, I'm still curious what's going on during those 2.5
minutes. Maybe it just has to reach idling operating temperature
before being driven. There is nothing I can find in the manual other
than it's a warm up time.

73, Paul VE1DX

[Non-text portions of this message have been removed]

2937. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 19:27:09 UTC
From: Andrey Stoev
Topic: 2931 Message: 2937

Among the different types of tubes thare two kinds cathodes...direct heated and indirect heated. Among tubes with direct heated cathodes are 572B, 3-500Z etc. In these tubes the cathode is made of toriated tungsten filament, and once power to the filament is applied it takes about one second for the cathode to reach operating temperature and to start emitting electrons.
ACOM 1000/2000 are using ceramic-metal tubes 4CX800A with indirect heated cathode. In these tubes the cathode is a metal cylinder with special oxide coating. The heater is a filament inside the cylinder. Since the cylinder and not the filament itself is the electron emitter, it takes time for the filament to heat-up the cylinder to the operating temperature for optimal electron emission. If the cathode is too-cold (not enough time for heating or low filament voltage) it will get contaminated when the tube is operated and the tube wont produce the maximum power output.

So the short answer - during the countdown, nothing special is going on....power is applied to the cathode heater and the amplifier is simply waiting for the cathode to reach optimal temperature - nothing more, nothing less. The warm-up counter prevents you from using the amplifier before the cathode is heated properly. This is simply the nature of the beast (tube).
An advantage of the indirect heated cathodes is their low inductance (compared to the direct heathed cathodes) which allow for operation at higher frequencies)

Hope this helps!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> Does anyone know what is going on during that 150 second "warm
> up" countdown on an ACOM-1000? I know it's getting the tube ready to
> take the stress of transmitting, but what exactly is it doing
> electrically. Just making it sit in idle to heat up to operating
> temperature, or more sophisticated like slowly increasing the heater
> voltage/current or incrementally increasing the plate voltage?
>
> I know with metal/ceramic tubes it isn't a good idea to turn
> them on and use them instantly (like we could with the old glass
> standards like a 3-500Z or an 811A.) Just curious what this "warming
> up" is actually doing.
>
> 73, Paul VE1DX

>

2938. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 19:42:53 UTC
From: Andrey Stoev
Topic: 2931 Message: 2938

Not familiar with ACOM 2000. On Acom 1000 the step start procedure last a second or two. Power is applied to the main transformer thru a resistor and in a moment this resistor is bypassed by the step-start relay contact and full power is applied to the transformer. The same transformer (ACOM 1000) is used to supply voltage to the tube heater and for the heater to properly heat-up the tube cathode, nominal filament voltage is required.
As I said in my other post, on ACOM 1000, after the step-start procedure is complete, to prevent power-up inrush current to the fillament, there is no other control over the heater voltages - the cathode is heated for two and a half minutes and then screen (g2) voltage is applied if the amplifier is switched to OPERATE. (full HV plate power is achieved right after the step-start procedure).

72
de Andrey,AE1Z

--- In acom-list@yahoogroups.com, "LA7SL Nils \"Peter\"" <la7sl@...> wrote:
>
> In the Acom 2000A :
> I know that the heater voltage/current is stepped up during this time
> to prevent high inrush current. Also there is a warm-up time before
> high voltages (Plate/G2) are applied. Could be the same in the 1000/1010
>
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogroups.com
> Sent: Wednesday, December 10, 2008 7:03 PM
> Subject: Re: [acom-list] What is going on during the countdown?
>
>
> At 01:20 PM 12/10/2008, you wrote:
> >And then you can be proud of yourself for working that rare one barefoot :.)
> >Barry W2UP
> >
> >Mel Whitten wrote:
> > >
> > > Just something to agonize over while you hear that rare DX station calling
> > > CQ!
> > >
> > > As someone once said, "Turn on the amp before you turn on the receiver."

> > >
> > > Mel
>
> I almost always turn on the amp before the rig or looking at the
> cluster! I must say that is the longest 2.5 minutes in one's life if
> you do it in the reverse order 'cuz you know there is going to be
> something you'll see or hear that you can't work with 100 watts.
>
> Anyhow, I'm still curious what's going on during those 2.5
> minutes. Maybe it just has to reach idling operating temperature
> before being driven. There is nothing I can find in the manual other
> than it's a warm up time.
>
> 73, Paul VE1DX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2939. Re: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 19:59:50 UTC
From: paul glassman
Topic: 2931 Message: 2939

my 9500 has a 180 second warm up with an 8877.

LA7SL Nils "Peter" wrote:
> In the Acom 2000A :
> I know that the heater voltage/current is stepped up during this time
> to prevent high inrush current. Also there is a warm-up time before
> high voltages (Plate/G2) are applied. Could be the same in the 1000/1010
> ----- Original Message -----
> From: Paul M Dunphy
> To: acom-list@yahoogrou ps.com
> Sent: Wednesday, December 10, 2008 7:03 PM
> Subject: Re: [acom-list] What is going on during the countdown?
> At 01:20 PM 12/10/2008, you wrote:
> >And then you can be proud of yourself for working that rare one barefoot :.)
> >Barry W2UP
> >
> >Mel Whitten wrote:
> > >
> > > Just something to agonize over while you hear that rare DX station calling
> > > CQ!
> > >
> > > As someone once said, "Turn on the amp before you turn on the receiver."
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> > > Mel
> I almost always turn on the amp before the rig or looking at the
> cluster! I must say that is the longest 2.5 minutes in one's life if
> you do it in the reverse order 'cuz you know there is going to be
> something you'll see or hear that you can't work with 100 watts.
> Anyhow, I'm still curious what's going on during those 2.5
> minutes. Maybe it just has to reach idling operating temperature
> before being driven. There is nothing I can find in the manual other
> than it's a warm up time.
> 73, Paul VE1DX
> [Non-text portions of this message have been removed]
>

2940. Re: [acom-list] What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 20:04:19 UTC
From: LA7SL Nils "Peter"
Topic: 2931 Message: 2940

I think you will get very much the same answer that I just gave in my
previous posting.
As somebody just said: an indirectly heated cathode needs warm-up time. The
reason
for the heater step-start is that a cold heater wil have very low resistance
and applying
full voltage will cause a very high current the first moments. This can
reduce the life of
the tube due to mechanical and possibly magnetic stress.
Also high voltages should never be applied to a cold tube...they come on at
the end of the cycle..
Peter
----- Original Message -----
From: "Kees - pa7two" <pa7two@...>
To: "ACOM Reflector site" <acom-list@yahoogroups.com>
Sent: Wednesday, December 10, 2008 7:55 PM
Subject: RE: [acom-list] What is going on during the countdown?

Please drop an e-mail to Stan at Acom Bulgaria. I am curious as well!Vy 73,
de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator:
JO22jp.

To: acom-list@yahoogroups.comFrom: amplifier@...: Wed, 10 Dec 2008
12:40:54 -0400Subject: [acom-list] What is going on during the countdown?

Does anyone know what is going on during that 150 second "warm up" countdown
on an ACOM-1000? I know it's getting the tube ready to take the stress of
transmitting, but what exactly is it doing electrically. Just making it sit
in idle to heat up to operating temperature, or more sophisticated like
slowly increasing the heater voltage/current or incrementally increasing the
plate voltage?I know with metal/ceramic tubes it isn't a good idea to turn
them on and use them instantly (like we could with the old glass standards
like a 3-500Z or an 811A.) Just curious what this "warming up" is actually
doing.73, Paul VE1DX

Suspicious message? There's an alert for that.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008

[Non-text portions of this message have been removed]

Yahoo! Groups Links

2941. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 20:21:02 UTC
From: Andrey Stoev
Topic: 2931 Message: 2941

This has to do with the actual design (mechanical and electrical) of
the cathode employed by different tubes.
According Svetlana's official spec sheet for 4CX800A, warm-up time for
the cathode is 2.5 min with 12.6V heater voltage.

If you really want to make sure that the cathode is heated properly,
it wont hurt to give it another 30 sec before Tx. It might be
beneficial for the longevity of the tube if Svetlana was too liberal
rating the warm-up time. Cathode poisoning (contamination) occurs if
the tube is operated with not-hot-enough cathode. This leads to
decreased emission rate and lower power/shorter life.

This is another reason to make sure that your power transformer tap is
set for the right AC Mains voltage. If the power transformer is set
for 240V (factory default) and you are operating on 220V AC, not only
the plate HV is affected and consequently the power output of the amp,
but also is the filament voltage, causing the heater to operate at
lower-than-nominal voltage, not heating well tube's cathode.

de Andrey, AE1Z

--- In acom-list@yahoogroups.com, paul glassman <highschooldiving@...>
wrote:
>
> my 9500 has a 180 second warm up with an 8877.
>
> LA7SL Nils "Peter" wrote:
> > In the Acom 2000A :
> > I know that the heater voltage/current is stepped up during this time
> > to prevent high inrush current. Also there is a warm-up time before
> > high voltages (Plate/G2) are applied. Could be the same in the
1000/1010
> > ----- Original Message -----
> > From: Paul M Dunphy
> > To: acom-list@yahoogrou ps.com
> > Sent: Wednesday, December 10, 2008 7:03 PM
> > Subject: Re: [acom-list] What is going on during the countdown?
> > At 01:20 PM 12/10/2008, you wrote:
> > >And then you can be proud of yourself for working that rare one
barefoot :.)
> > >Barry W2UP
> > >
> > >Mel Whitten wrote:
> > > >
> > > > Just something to agonize over while you hear that rare DX
station calling

> > > > CQ!
> > > >
> > > > As someone once said, "Turn on the amp before you turn on
the receiver."
> > > >
> > > > Mel
> > I almost always turn on the amp before the rig or looking at the
> > cluster! I must say that is the longest 2.5 minutes in one's
life if
> > you do it in the reverse order 'cuz you know there is going to be
> > something you'll see or hear that you can't work with 100 watts.
> > Anyhow, I'm still curious what's going on during those 2.5
> > minutes. Maybe it just has to reach idling operating temperature
> > before being driven. There is nothing I can find in the manual
other
> > than it's a warm up time.
> > 73, Paul VE1DX
> > [Non-text portions of this message have been removed]
> >
>

2942. FWD: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 21:36:20 UTC
From: Jim Idelson
Topic: 2942 Message: 2942

In addition to providing the specified warm-up time for the cathode, there is a proper sequence in which voltages are applied to the control grid, screen grid and plate. If the wrong sequencing happens, the grids [which are very delicate] can see excessive current flow and suffer damage. All of these sequences and timings are specified by the manufacturer, and the amplifier designer generally implements a circuit that simply complies with the spec. All of this is intended to encourage maximum tube life.

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

---------- Forwarded Message ----------

FROM: "Andrey Stoev" <kotjunk@...>
TO: acom-list@yahoogroups.com
DATE: Wed, 10 Dec 2008 19:27:09 -0000

RE: [acom-list] Re: What is going on during the countdown?

Among the different types of tubes thare two kinds cathodes...direct heated and indirect heated. Among tubes with direct heated cathodes are 572B, 3-500Z etc. In these tubes the cathode is made of toriated tungsten filament, and once power to the filament is applied it takes about one second for the cathode to reach operating temperature and to start emitting electrons.
ACOM 1000/2000 are using ceramic-metal tubes 4CX800A with indirect heated cathode. In these tubes the cathode is a metal cylinder with special oxide coating. The heater is a filament inside the cylinder. Since the cylinder and not the filament itself is the electron emitter, it takes time for the filament to heat-up the cylinder to the operating temperature for optimal electron emission. If the cathode is too-cold (not enough time for heating or low filament voltage) it will get contaminated when the tube is operated and the tube wont produce the maximum power output.

So the short answer - during the countdown, nothing special is going on....power is applied to the cathode heater and the amplifier is simply waiting for the cathode to reach optimal temperature - nothing more, nothing less. The warm-up counter prevents you from using the amplifier before the cathode is heated properly. This is simply the nature of the beast (tube).
An advantage of the indirect heated cathodes is their low inductance (compared to the direct heathed cathodes) which allow for operation at higher frequencies)

Hope this helps!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@...> wrote:
>
> Does anyone know what is going on during that 150 second "warm
> up" countdown on an ACOM-1000? I know it's getting the tube ready to
> take the stress of transmitting, but what exactly is it doing
> electrically. Just making it sit in idle to heat up to operating
> temperature, or more sophisticated like slowly increasing the heater
> voltage/current or incrementally increasing the plate voltage?
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> I know with metal/ceramic tubes it isn't a good idea to turn
> them on and use them instantly (like we could with the old glass
> standards like a 3-500Z or an 811A.) Just curious what this "warming
> up" is actually doing.
>
> 73, Paul VE1DX
>

Yahoo! Groups Links

2943. Re: FWD: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 21:54:03 UTC
From: Paul M Dunphy
Topic: 2942 Message: 2943

Thanks, guys! I knew it had to be along these lines, but I
didn't appreciate the level of detail. Over the years I've seen
various amps (all with metal/ceramic tubes) that had various warm-up
times. I appreciate the level of detail in all of your responses. I
understand the care ACOM has taken in designing these amplifiers
around a great tube. No wonder they work so well!

73, Paul VE1DX

At 05:36 PM 12/10/2008, Jim Idelson wrote:
>In addition to providing the specified warm-up time for the cathode,
>there is a
>proper sequence in which voltages are applied to the control grid,
>screen grid
>and plate. If the wrong sequencing happens, the grids [which are
>very delicate]
>can see excessive current flow and suffer damage. All of these sequences and
>timings are specified by the manufacturer, and the amplifier
>designer generally
>implements a circuit that simply complies with the spec. All of this is
>intended to encourage maximum tube life.
>
>
>Jim Idelson K1IR
>email k1ir at designet.com
>web http://www.k1ir.com
>
>---------- Forwarded Message ----------
>
>FROM: "Andrey Stoev" <kotjunk@...>
>TO: acom-list@yahoogroups.com
>DATE: Wed, 10 Dec 2008 19:27:09 -0000
>
>RE: [acom-list] Re: What is going on during the countdown?
>
>Among the different types of tubes thare two kinds cathodes...direct
>heated and indirect heated. Among tubes with direct heated cathodes
>are 572B, 3-500Z etc. In these tubes the cathode is made of toriated
>tungsten filament, and once power to the filament is applied it takes
>about one second for the cathode to reach operating temperature and to
>start emitting electrons.
>ACOM 1000/2000 are using ceramic-metal tubes 4CX800A with indirect
>heated cathode. In these tubes the cathode is a metal cylinder with
>special oxide coating. The heater is a filament inside the cylinder.
>Since the cylinder and not the filament itself is the electron

>emitter, it takes time for the filament to heat-up the cylinder to the
>operating temperature for optimal electron emission. If the cathode is
>too-cold (not enough time for heating or low filament voltage) it will
>get contaminated when the tube is operated and the tube wont produce
>the maximum power output.
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>So the short answer - during the countdown, nothing special is going
>on....power is applied to the cathode heater and the amplifier is
>simply waiting for the cathode to reach optimal temperature - nothing
>more, nothing less. The warm-up counter prevents you from using the
>amplifier before the cathode is heated properly. This is simply the
>nature of the beast (tube).
>An advantage of the indirect heated cathodes is their low inductance
>(compared to the direct heathed cathodes) which allow for operation at
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>Hope this helps!
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>73
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> > 73, Paul VE1DX
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>Yahoo! Groups Links
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>Yahoo! Groups Links

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2944. RE: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 22:10:54 UTC
From: Kees - pa7two
Topic: 2931 Message: 2944

Line voltage out of range behavoir of ACOM1000 amplifier.

The amplifier was specially suited for use with generators. It would not cease to function with a "soft" AC line and will deliver more than half power at only 75% of nominal mains voltage. It would withstand up to 10 milliseconds (down to zero) voltage drops, and up to +15% line voltage spikes, which is important particularly when used at field days, DXpeditions, and other portable events.

A +10/-25% excursion of nominal voltage is acceptable. For instance, this is 180...264V at 240V tap selection. Nominal taps available are 200, 210,220,230, and 240V.

If you use the amplifier with more than +15% higher manis voltage (above 276V at 240V tap), supply voltages will reach dangerous values and amplifier protections begin tripping. Otherwise severe damages may occure in both: power supply of the amplifier or the tubes.

Lower voltages down to -25% (180V at 240V tap, or 150V at 200V tap) and even short power breaks however are not a problem. Of course, the output will decrease propornionally (down to 600Watts at the lower voltage edge).

The control circuit is happy also with voltage drops of-30%, i.e. below 170V at 240V nominal or 140V at 200V nominal. If the input voltage drops below -30% for longer than 10-20 milliseconds, the control circuit switches off the amplifier in order to save it. Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.comFrom: kotjunk@...: Wed, 10 Dec 2008 20:21:02 +0000Subject: [acom-list] Re: What is going on during the countdown?

This has to do with the actual design (mechanical and electrical) ofthe cathode employed by different tubes. According Svetlana's official spec sheet for 4CX800A, warm-up time forthe cathode is 2.5 min with 12.6V heater voltage.If you really want to make sure that the cathode is heated properly,it wont hurt to give it another 30 sec before Tx. It might bebeneficial for the longevity of the tube if Svetlana was too liberalrating the warm-up time. Cathode poisoning (contamination) occurs ifthe tube is operated with not-hot-enough cathode. This leads todecreased emission rate and lower power/shorter life.This is another reason to make sure that your power transformer tap isset for the right AC Mains voltage. If the power transformer is setfor 240V (factory default) and you are operating on 220V AC, not onlythe plate HV is affected and consequently the power output of the amp,but also is the filament voltage, causing the heater to operate atlower-than-nominal voltage, not heating well tube's cathode.de Andrey, AE1Z--- In acom-list@yahoogroups.com, paul glassman <highschooldiving@...>wrote:>> my 9500 has a 180 second warm up with an 8877.> > LA7SL Nils "Peter" wrote: > > In the Acom 2000A : > > I know that the heater voltage/current is stepped up during this time > > to prevent high inrush current. Also there is a warm-up time before > > high voltages (Plate/G2) are applied. Could be the same in the1000/1010 > > ----- Original Message ----- > > From: Paul M Dunphy > > To: acom-list@yahoogrou ps.com > > Sent: Wednesday, December 10, 2008 7:03 PM > > Subject: Re: [acom-list] What is going on during the countdown? > > At 01:20 PM 12/10/2008, you wrote: > > >And then you can be proud of yourself for working that rare onebarefoot :.) > > > >Barry W2UP > > > > > > > >Mel Whitten

wrote: > > > > > > > > Just something to agonize over while you hear that rare DXstation calling > > > > CQ! > > > > > > > > > As someone once said, "Turn on the amp before you turn onthe receiver." > > > > > > > > > Mel > > I almost always turn on the amp before the rig or looking at the > > cluster! I must say that is the longest 2.5 minutes in one'slife if > > you do it in the reverse order 'cuz you know there is going to be > > something you'll see or hear that you can't work with 100 watts. > > Anyhow, I'm still curious what's going on during those 2.5 > > minutes. Maybe it just has to reach idling operating temperature > > before being driven. There is nothing I can find in the manualother > > than it's a warm up time. > > 73, Paul VE1DX > > [Non-text portions of this message have been removed] > >>

_____
Send e-mail anywhere. No map, no compass.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

[Non-text portions of this message have been removed]

2945. FWD: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 22:50:27 UTC
From: Andrey Stoev
Topic: 2942 Message: 2945

When talking about ACOM 1000 in particular, plate voltage is applied to the tube the moment, the power is turned ON. There is no control over the plate voltage except for the very brief moment during the step-start, when for a few seconds the power transformer is powered thru the step-start resistor (actually two of those). There is no screen grid (g2) voltage applied during the warm-up. Screen grid voltage is applied when the amplifier goes to OPERATE mode. (It is oFF when in STANDBY)
After the step-start is complete, full plate voltage is applied. Full filament voltage is applied to the tube.
The tube is "shut off" by the deep negative control grid (g1) bias.
And that's pretty much it. Rx/Tx is disabled (bypass mode). At this point there is no plate current.
2.5 min wait to warm-up the cathode. Then OPERATE mode is available.

It is a classic, very straight-forward aproach for start-up procedure.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Jim Idelson <k1ir@...> wrote:
>
> In addition to providing the specified warm-up time for the cathode, there is a
> proper sequence in which voltages are applied to the control grid, screen grid
> and plate. If the wrong sequencing happens, the grids [which are very delicate]
> can see excessive current flow and suffer damage. All of these sequences and
> timings are specified by the manufacturer, and the amplifier designer generally
> implements a circuit that simply complies with the spec. All of this is
> intended to encourage maximum tube life.
>
>
> Jim Idelson K1IR
> email k1ir at designet.com
> web http://www.k1ir.com
>
> ---------- Forwarded Message ----------
>
> FROM: "Andrey Stoev" <kotjunk@...>
> TO: acom-list@yahoogroups.com

> DATE: Wed, 10 Dec 2008 19:27:09 -0000
>
> RE: [acom-list] Re: What is going on during the countdown?
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> (compared to the direct heathed cathodes) which allow for operation
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> Hope this helps!
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> 73
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> --- In acom-list@yahoogroups.com, Paul M Dunphy <amplifier@> wrote:
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> > up" is actually doing.
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> > 73, Paul VE1DX
> >
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> Yahoo! Groups Links
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2946. What goes on during countdown

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 23:00:13 UTC
From: Hal Kennedy
Topic: 2946 Message: 2946

What goes on during countdown is the cathodes are being allowed to come up to uniform temperature. There is a filament step-start, but it lasts a fraction of a second - after that the tubes have full filament voltage applied and are simply warming up.

What's really going on:

The tubes in these amps have indirectly heater metal oxide cathodes. In tubes like a 3-500 the filament emits the electronics and gets uniformly white hot nearly instantaneously. In an indirectly heated cathode tube, the filament reaches temperature more slowly because it has the thermal load of the cathode dragging on it - and it's the cathode not the filament that has to emit that 1 amp of current that gets collected at the plate. The cathode will not be white hot - they run dull red. If you run a tube before it stabilizes, some portions of the cathode will be hotter than others. These hot spots will supply all the plate current and that runs a risk of burning a hole through that hotter portion of the cathode since it is current hogging all the plate current. After 180 seconds or so the cathode is uniformly at temperature and there is no current hogging - current is shared equally by all portions of the cathode.

There is no way around it. If you were to jump out the timing relay on an indirectly heater cathode amp and go to full power after a few seconds of turn on you will have junk tubes with holes in the cathodes in nothing flat.

After the countdown hits zero, the servos travel end to end to reset their zero points - they you are ready to work that DX station, assuming he is still there :-)

Hal, N4GG

[Non-text portions of this message have been removed]

2947. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-10 23:09:25 UTC
From: Andrey Stoev
Topic: 2931 Message: 2947

Yep. But...there are two different things we are talking about:
operability vs. optimum performance/healthy tube/tube longevity.
The amplifier will be operable and it will function at low AC mains...
there is no question about it. Cathode heating is established with a
separate winding on the power transformer and it is NOT regulated!
There are resistors for current limiting but that's pretty much it.
Lower AC mains is directly related to lower heating voltage. If the
cathode is a bit cooler than normal, it will still operate (emit
electrons) but it will be prompt to the so called cathode poisoning
effect, hence decreasing the life of the tube.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
>
>
> Line voltage out of range behavoir of ACOM1000 amplifier.
>
> The amplifier was specially suited for use with generators. It would
not cease to function with a "soft" AC line and will deliver more than
half power at only 75% of nominal mains voltage. It would withstand up
to 10 milliseconds (down to zero) voltage drops, and up to +15% line
voltage spikes, which is important particularly when used at field
days, DXpeditions, and other portable events.
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> A +10/-25% excursion of nominal voltage is acceptable. For instance,
this is 180...264V at 240V tap selection. Nominal taps available are
200, 210,220,230, and 240V.
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> If you use the amplifier with more than +15% higher manis voltage
(above 276V at 240V tap), supply voltages will reach dangerous values
and amplifier protections begin tripping. Otherwise severe damages may
occure in both: power supply of the amplifier or the tubes.
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> Lower voltages down to -25% (180V at 240V tap, or 150V at 200V tap)
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output will decrease propornionally (down to 600Watts at the lower
voltage edge).
>
> The control circuit is happy also with voltage drops of-30%, i.e.
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voltage drops below -30% for longer than 10-20 milliseconds, the
control circuit switches off the amplifier in order to save it.
> Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO -

M5TWO Locator: JO22jp.
>
>
>
> To: acom-list@...: kotjunk@...: Wed, 10 Dec 2008 20:21:02
+0000Subject: [acom-list] Re: What is going on during the countdown?
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> > To: acom-list@yahoogrou ps.com > > Sent: Wednesday, December 10,
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you'll see or hear that you can't work with 100 watts. > > Anyhow, I'm
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warm up time. > > 73, Paul VE1DX > > [Non-text portions of this
message have been removed] > >>
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> ____
> Send e-mail anywhere. No map, no compass.
>
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008
>
> [Non-text portions of this message have been removed]
>

2948. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 05:07:12 UTC
From: Andrey Stoev
Topic: 2942 Message: 2948

One more thing ... (again ACOM 1000 in focus) I dont know if you guys have noticed, but ACOM 1000 is "smart" about the length of the warm-up time. If you turn OFF the amplifier briefly, and turn it back ON, the warm up time is a lot shorter. The amplifier actually takes into an account, how long it has been OFF and re-adjust the warm-up time accordingly once it is back ON. If the amplifier has been OFF for a longer period (I have never actually tested how many seconds is the threshold), it goes back to the standard 150 seconds warm-up wait.
This is a nice feature to get you back on track if you accidentally turn it off or change your mind in next few seconds after intentional power-down with the front panel button.
That is what I call attention to detail :-)
(I still keep my old SB-200 as backup amp with its instant warm-up to tackle "that rare DX" before the pileup gets too big while waiting for my ACOM 1000 to warm-up ;-)

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@...> wrote:
>
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> to the tube the moment, the power is turned ON. There is no control
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> After the step-start is complete, full plate voltage is applied. Full
> filament voltage is applied to the tube.
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> point there is no plate current.
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> 73
> de Andrey, AE1Z
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> --- In acom-list@yahoogroups.com, Jim Idelson <k1ir@> wrote:
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> > email k1ir at designet.com
> > web http://www.k1ir.com
> >
> > ---------- Forwarded Message ----------
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> > FROM: "Andrey Stoev" <kotjunk@>
> > TO: acom-list@yahoogroups.com
> > DATE: Wed, 10 Dec 2008 19:27:09 -0000
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> > RE: [acom-list] Re: What is going on during the countdown?
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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2949. RE: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 12:20:40 UTC
From: Kees - pa7two
Topic: 2931 Message: 2949

It has always been a question: Which tap on the transformer should I use. Tube experts say just slightly under the maximum heater voltage gives a longer life span of the tube. So, I think that the maximum is about 2% under the rated heater voltage is allowed, without damaging the tube under normal operation conditions. If the heater voltage is (much) lower, a lower amount of electrons are released. With too much RF input, the cathode gets poisened indeed.

Over voltage shortens the life span of the heater but on the other hand I question if your (HAM) tubes die more from from over heating or from the on / off cycles. Therefore a few percentage of over voltage is also here allowed I suppose.

Especially during field-day operations the mains voltage may heavily vary and the therefore the correct taps on the transformers are critical on each amplifier. Exactly for that purpose I provided the info.

While thinking about this subject, I have some thoughts about the Acom1010. I explain: The HV is lower under load when compared to the Acom 1000. How about this one? 750 watts is about the maximum of the Acom 1010. Is the tube under much more stress at this point compared to the Acom 1000?

Please share your thoughts on the matter.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: kotjunk@...
Date: Wed, 10 Dec 2008 23:09:25 +0000
Subject: [acom-list] Re: What is going on during the countdown?

Yep. But...there are two different things we are talking about:

operability vs. optimum performance/healthy tube/tube longevity.

The amplifier will be operable and it will function at low AC mains...

there is no question about it. Cathode heating is established with a

separate winding on the power transformer and it is NOT regulated!

There are resistors for current limiting but that's pretty much it.

Lower AC mains is directly related to lower heating voltage. If the

cathode is a bit cooler than normal, it will still operate (emit

electrons) but it will be prompt to the so called cathode poisoning

effect, hence decreasing the life of the tube.

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de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:

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> Line voltage out of range behavoir of ACOM1000 amplifier.

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> The amplifier was specially suited for use with generators. It would not cease to function with a "soft" AC line and will deliver more than half power at only 75% of nominal mains voltage. It would withstand up to 10 milliseconds (down to zero) voltage drops, and up to +15% line voltage spikes, which is important particularly when used at field days, DXpeditions, and other portable events.

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> A +10/-25% excursion of nominal voltage is acceptable. For instance, this is 180...264V at 240V tap selection. Nominal taps available are 200, 210,220,230, and 240V.

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> If you use the amplifier with more than +15% higher manis voltage (above 276V at 240V tap), supply voltages will reach dangerous values and amplifier protections begin tripping. Otherwise severe damages may occure in both: power supply of the amplifier or the tubes.

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> Lower voltages down to -25% (180V at 240V tap, or 150V at 200V tap) and even short power breaks however are not a problem. Of course, the output will decrease propornionally (down to 600Watts at the lower voltage edge).

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> The control circuit is happy also with voltage drops of-30%, i.e.

below 170V at 240V nominal or 140V at 200V nominal. If the input voltage drops below -30% for longer than 10-20 milliseconds, the control circuit switches off the amplifier in order to save it.

> Vy 73, de Kees. Member of an all HAM family.AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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> To: acom-list@...: kotjunk@...: Wed, 10 Dec 2008 20:21:02 +0000Subject: [acom-list] Re: What is going on during the countdown?

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> This has to do with the actual design (mechanical and electrical) ofthe cathode employed by different tubes. According Svetlana's official spec sheet for 4CX800A, warm-up time forthe cathode is 2.5 min with 12.6V heater voltage.If you really want to make sure that the cathode is heated properly,it wont hurt to give it another 30 sec before Tx. It might bebeneficial for the longevity of the tube if Svetlana was too liberalrating the warm-up time. Cathode poisoning (contamination) occurs ifthe tube is operated with not-hot-enough cathode. This leads todecreased emission rate and lower power/shorter life.This is another reason to make sure that your power transformer tap isset for the right AC Mains voltage. If the power transformer is setfor 240V (factory default) and you are operating on 220V AC, not onlythe plate HV is affected and consequently the power output of the amp,but also is the filament voltage, causing the heater to operate atlower-than-nominal voltage, not heating well tube's cathode.de Andrey, AE1Z--- In acom-list@yahoogroups.com, paul glassman

<highschooldiving@>wrote:>> my 9500 has a 180 second warm up with an 8877.> > LA7SL Nils "Peter" wrote: > > In the Acom 2000A : > > I know that the heater voltage/current is stepped up during this time > > to prevent high inrush current. Also there is a warm-up time before > > high voltages (Plate/G2) are applied. Could be the same in the1000/1010 > > ----- Original Message ----- > > From: Paul M Dunphy > > To: acom-list@yahoogrou ps.com > > Sent: Wednesday, December 10, 2008 7:03 PM > > Subject: Re: [acom-list] What is going on during the countdown? > > At 01:20 PM 12/10/2008, you wrote: > > >And then you can be proud of yourself for working that rare onebarefoot :.) > > >Barry W2UP > > > > > >Mel Whitten wrote: > > > > > > > > > Just something to agonize over while you hear that rare DXstation calling > > > > > CQ! > > > > > > > > > As someone once said, "Turn on the amp before you turn onthe receiver." > > > > > > > > Mel > > I almost always turn on the amp before the rig or looking at the > > cluster! I must say that is the longest 2.5 minutes in one'slife if > > you do it in the reverse order 'cuz you know there is going to be > > something you'll see or hear that you can't work with 100 watts. > > Anyhow, I'm still curious what's going on during those 2.5 > > minutes. Maybe it just has to reach idling operating temperature > > before being driven. There is nothing I can find in the manualother > > than it's a warm up time. > > 73, Paul VE1DX > > [Non-text portions of this message have been removed] > >>
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> Send e-mail anywhere. No map, no compass.

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http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

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> [Non-text portions of this message have been removed]

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You live life online. So we put Windows on the web.
http://clk.atdmt.com/MRT/go/127032869/direct/01/

[Non-text portions of this message have been removed]

2950. Re: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 12:47:14 UTC
From: Henry Ingwersen, KT1J
Topic: 2931 Message: 2950

Kees,

'Just received your shipment of GU74b's. I was pleased with the very careful and sturdy packaging, and overall excellent service. Thanks!

73,

Henry, KT1J

----- Original Message -----
From: Kees - pa7two
To: ACOM Reflector site
Sent: Thursday, December 11, 2008 7:20 AM
Subject: RE: [acom-list] Re: What is going on during the countdown?

[Non-text portions of this message have been removed]

2951. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 15:15:22 UTC
From: Andrey Stoev
Topic: 2931 Message: 2951

Svetlana's official rating for the 4CX800A is Maximum 800W Plate dissipation and max 2500V DC voltage. As far as I know all ACOM amps were sold with GU74B which is the mil version of 4CX800A. It is actually the other way around - GU74b is the original tube designed for military applications and then they started making the "comercial" version 4CX800A. Both tubes have exactly the same specs, the comercial one ...well looks "comercial" (shiny with nice print).
They have been very conservative on the spec sheet. Knowing well the russian way of thinking (and designing things for that matter) I can tell you (and the practice is showing it too) these tubes can be pushed way beyoned their spec sheet ratings with no ill effects.
To answer your question: It is the other way around - the tube in ACOM 1000 is under more stress and pushed beyoned its spec sheet ratings (2.5kV under load vs. 2.2 kV (specs))to deliver 1000W than the tube in 1010 (750W for tube rated at nominal 780W) and the tubes in 2000 (2x780W to deliver 1560W, amp rated at 1.5 kW).
That beeing said, thousands of ACOM 1000s are performing fine without tube issues - GU74b takes the extra push quite well. Key player is the well deisgned cooling of the amplifier too.
In the "cheap knock-off" of ACOM 1000, the amp Alpin 100 MKII, same single GU74b is pushed even further to deliver 1200W under low duty cycle (SSB) with even higher plate DC.

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> Date: Wed, 10 Dec 2008 23:09:25 +0000
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PA7TWO -
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> > To: acom-list@: kotjunk@: Wed, 10 Dec 2008 20:21:02

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> +0000Subject: [acom-list] Re: What is going on during the countdown?
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> > Send e-mail anywhere. No map, no compass.
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> http://windowslive.com/Explore/hotmail?
ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008
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> You live life online. So we put Windows on the web.
> http://clk.atdmt.com/MRT/go/127032869/direct/01/
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> [Non-text portions of this message have been removed]
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2952. RE: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 15:25:10 UTC
From: Kees - pa7two
Topic: 2931 Message: 2952

Hi Andrey,

I was refering to the same output level on both amplifiers. So, in other words, by 750 watts output on both the Acom1000 and Acom1010.
Which of the two tubes is under more stress conditions? I reckon the Acom1010 tube is under much more stress because the HV is lower under load.

A lower output can be observed when the Acom 1000 is set on a 230 volt transformer tap and the mains is actually 220v, in example. A 100 volt more HV results in more RF watts output. Sure the heater voltage is lower in this example, not helping as well :-)

The Alpin100 produces more output because the HV is higher!

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: kotjunk@...
Date: Thu, 11 Dec 2008 15:15:22 +0000
Subject: [acom-list] Re: What is going on during the countdown?

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it

>

> in the reverse order 'cuz you know there is going to be > >

something

>

> you'll see or hear that you can't work with 100 watts. > > Anyhow,

I'm

>

> still curious what's going on during those 2.5 > > minutes. Maybe it

>

> just has to reach idling operating temperature > > before being

>

> driven. There is nothing I can find in the manualother > > than

it's a

>

> warm up time. > > 73, Paul VE1DX > > [Non-text portions of this

>

> message have been removed] > >>

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> > Send e-mail anywhere. No map, no compass.

>

> >

>

> http://windowslive.com/Explore/hotmail?

ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

>

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> > [Non-text portions of this message have been removed]

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> You live life online. So we put Windows on the web.

> http://clk.atdmt.com/MRT/go/127032869/direct/01/

>

> [Non-text portions of this message have been removed]

>

_____
Suspicious message? There?s an alert for that.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008

[Non-text portions of this message have been removed]

2953. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 15:59:30 UTC
From: Andrey Stoev
Topic: 2931 Message: 2953

ACOM 1000 with properly choosen transformer tap should show ~2800V plate DC which will sag under load to about ~2500V.
Here is a simple math - 2500V (plate DC) x 0.680 mA (Plate current) = 1700W (input power) x ~60% effciency = 1020W out

I dont have a 1010 and I dont know what is the HV under load and what is the plate current to get 750W out but I could only assume that the stress of the tube will be less simply because to get out 750W out you'll need less plate current and lower DC voltage under the same 60% effciency factor!
In other words, the tube in 1010 is operated within the factory recommended operational specs, while the one in 1000 is pushed to the edge (maximum) specs to get extra 250W out

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
>
>
> Hi Andrey,
>
> I was refering to the same output level on both amplifiers. So, in other words, by 750 watts output on both the Acom1000 and Acom1010.
> Which of the two tubes is under more stress conditions? I reckon the Acom1010 tube is under much more stress because the HV is lower under load.
>
> A lower output can be observed when the Acom 1000 is set on a 230 volt transformer tap and the mains is actually 220v, in example. A 100 volt more HV results in more RF watts output. Sure the heater voltage is lower in this example, not helping as well :-)
>
> The Alpin100 produces more output because the HV is higher!
>
> Vy 73, de Kees.
>
>
>
> To: acom-list@yahoogroups.com
> From: kotjunk@...
> Date: Thu, 11 Dec 2008 15:15:22 +0000
> Subject: [acom-list] Re: What is going on during the countdown?
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>
> Svetlana's official rating for the 4CX800A is Maximum
800W Plate
>
> dissipation and max 2500V DC voltage. As far as I know all ACOM
amps
>
> were sold with GU74B which is the mil version of 4CX800A. It is
>
> actually the other way around - GU74b is the original tube designed
>
> for military applications and then they started making
>
> the "comercial" version 4CX800A. Both tubes have exactly the same
>
> specs, the comercial one ...well looks "comercial" (shiny with nice
>
> print).
>
> They have been very conservative on the spec sheet. Knowing well
the
>
> russian way of thinking (and designing things for that matter) I
can
>
> tell you (and the practice is showing it too) these tubes can be
>
> pushed way beyoned their spec sheet ratings with no ill effects.
>
> To answer your question: It is the other way around - the tube in
>
> ACOM 1000 is under more stress and pushed beyoned its spec sheet
>
> ratings (2.5kV under load vs. 2.2 kV (specs))to deliver 1000W than

>
> the tube in 1010 (750W for tube rated at nominal 780W) and the
tubes
>
> in 2000 (2x780W to deliver 1560W, amp rated at 1.5 kW).
>
> That beeing said, thousands of ACOM 1000s are performing fine
without
>
> tube issues - GU74b takes the extra push quite well. Key player is
>
> the well deisgned cooling of the amplifier too.
>
> In the "cheap knock-off" of ACOM 1000, the amp Alpin 100 MKII,
same
>
> single GU74b is pushed even further to deliver 1200W under low duty
>
> cycle (SSB) with even higher plate DC.
>
>
>
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>
> de Andrey, AE1Z
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>
> > It has always been a question: Which tap on the transformer
should
>
> I use. Tube experts say just slightly under the maximum heater
>
> voltage gives a longer life span of the tube. So, I think that the
>
> maximum is about 2% under the rated heater voltage is allowed,
>
> without damaging the tube under normal operation conditions. If the
>
> heater voltage is (much) lower, a lower amount of electrons are
>
> released. With too much RF input, the cathode gets poisened indeed.

>
> >
>
> > Over voltage shortens the life span of the heater but on the
other
>
> hand I question if your (HAM) tubes die more from from over heating
>
> or from the on / off cycles. Therefore a few percentage of over
>
> voltage is also here allowed I suppose.
>
> >
>
> > Especially during field-day operations the mains voltage may
>
> heavily vary and the therefore the correct taps on the transformers
>
> are critical on each amplifier. Exactly for that purpose I provided
>
> the info.
>
> >
>
> > While thinking about this subject, I have some thoughts about the
>
> Acom1010. I explain: The HV is lower under load when compared to
the
>
> Acom 1000. How about this one? 750 watts is about the maximum of
the
>
> Acom 1010. Is the tube under much more stress at this point
compared
>
> to the Acom 1000?
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> >
>
> > Please share your thoughts on the matter.
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> >
>
> > Vy 73, de Kees.
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>
> > To: acom-list@yahoogroups.com
>
> > From: kotjunk@
>
> > Date: Wed, 10 Dec 2008 23:09:25 +0000
>
> > Subject: [acom-list] Re: What is going on during the countdown?
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> > Yep. But...there are two different things we are

>
> talking about:
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>
> > operability vs. optimum performance/healthy tube/tube longevity.
>
> >
>
> > The amplifier will be operable and it will function at low AC
>
> mains...
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> >
>
> > there is no question about it. Cathode heating is established
with a
>
> >
>
> > separate winding on the power transformer and it is NOT regulated!
>
> >
>
> > There are resistors for current limiting but that's pretty much
it.
>
> >
>
> > Lower AC mains is directly related to lower heating voltage. If
the
>
> >
>
> > cathode is a bit cooler than normal, it will still operate (emit
>
> >
>
> > electrons) but it will be prompt to the so called cathode
poisoning
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>
> > effect, hence decreasing the life of the tube.
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> > 73
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>
> > de Andrey, AE1Z
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>
> > --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@> wrote:
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>
> > > Line voltage out of range behavoir of ACOM1000 amplifier.
>
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> > >
>
> > The amplifier was specially suited for use with generators. It
>
> would
>
> >
>
> > not cease to function with a "soft" AC line and will deliver more
>
> than
>
> >
>
> > half power at only 75% of nominal mains voltage. It would
withstand
>
> up
>

> >
>
> > to 10 milliseconds (down to zero) voltage drops, and up to +15%
line
>
> >
>
> > voltage spikes, which is important particularly when used at field
>
> >
>
> > days, DXpeditions, and other portable events.
>
> >
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> > >
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>
> > > A +10/-25% excursion of nominal voltage is acceptable. For
>
> instance,
>
> >
>
> > this is 180...264V at 240V tap selection. Nominal taps available
are
>
> >
>
> > 200, 210,220,230, and 240V.
>
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> > >
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>
> > > If you use the amplifier with more than +15% higher manis
voltage
>
> >
>
> > (above 276V at 240V tap), supply voltages will reach dangerous
>
> values
>
> >
>
> > and amplifier protections begin tripping. Otherwise severe

damages
>
> may
>
> >
>
> > occure in both: power supply of the amplifier or the tubes.
>
> >
>
> > >
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> >
>
> > > Lower voltages down to -25% (180V at 240V tap, or 150V at 200V
>
> tap)
>
> >
>
> > and even short power breaks however are not a problem. Of course,
>
> the
>
> >
>
> > output will decrease propornionally (down to 600Watts at the lower
>
> >
>
> > voltage edge).
>
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> >
>
> > > The control circuit is happy also with voltage drops of-30%,
i.e.
>
> >
>
> > below 170V at 240V nominal or 140V at 200V nominal. If the input
>
> >
>
> > voltage drops below -30% for longer than 10-20 milliseconds, the
>
> >

>
> > control circuit switches off the amplifier in order to save it.
>
> >
>
> > > Vy 73, de Kees. Member of an all HAM family.AmateurRadio :
>
> PA7TWO -
>
> >
>
> > M5TWO Locator: JO22jp.
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>
> > > To: acom-list@: kotjunk@: Wed, 10 Dec 2008 20:21:02
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> >
>
> > +0000Subject: [acom-list] Re: What is going on during the
countdown?
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> > > This has to do with the actual design (mechanical and
electrical)

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> >
>
> > ofthe cathode employed by different tubes. According Svetlana's
>
> >
>
> > official spec sheet for 4CX800A, warm-up time forthe cathode is
2.5
>
> >
>
> > min with 12.6V heater voltage.If you really want to make sure
that
>
> the
>
> >
>
> > cathode is heated properly,it wont hurt to give it another 30 sec
>
> >
>
> > before Tx. It might bebeneficial for the longevity of the tube if
>
> >
>
> > Svetlana was too liberalrating the warm-up time. Cathode poisoning
>
> >
>
> > (contamination) occurs ifthe tube is operated with not-hot-enough
>
> >
>
> > cathode. This leads todecreased emission rate and lower
>
> power/shorter
>
> >
>
> > life.This is another reason to make sure that your power
transformer
>
> >
>
> > tap isset for the right AC Mains voltage. If the power
transformer
>
> is

>
> >
>
> > setfor 240V (factory default) and you are operating on 220V AC,
not
>
> >
>
> > onlythe plate HV is affected and consequently the power output of
>
> the
>
> >
>
> > amp,but also is the filament voltage, causing the heater to
operate
>
> >
>
> > atlower-than-nominal voltage, not heating well tube's cathode.de
>
> >
>
> > Andrey, AE1Z--- In acom-list@yahoogroups.com, paul glassman
>
> >
>
> > <highschooldiving@>wrote:>> my 9500 has a 180 second warm up with
an
>
> >
>
> > 8877.> > LA7SL Nils "Peter" wrote: > > In the Acom 2000A : > > I
>
> know
>
> >
>
> > that the heater voltage/current is stepped up during this time >
>
>
> to
>
> >
>
> > prevent high inrush current. Also there is a warm-up time before
> >
>
> >
>

> > high voltages (Plate/G2) are applied. Could be the same in
>
> >
>
> > the1000/1010 > > ----- Original Message ----- > > From: Paul M
>
> Dunphy
>
> >
>
> > > > To: acom-list@yahoogrou ps.com > > Sent: Wednesday, December
10,
>
> >
>
> > 2008 7:03 PM > > Subject: Re: [acom-list] What is going on during
>
> the
>
> >
>
> > countdown? > > At 01:20 PM 12/10/2008, you wrote: > > >And then
you
>
> >
>
> > can be proud of yourself for working that rare onebarefoot :.) > >
>
> >
>
> > >Barry W2UP > > > > > >Mel Whitten wrote: > > > > > > > > Just
>
> >
>
> > something to agonize over while you hear that rare DXstation
>
> calling >
>
> >
>
> > > > > > CQ! > > > > > > > > > As someone once said, "Turn on the amp
>
> >
>
> > before you turn onthe receiver." > > > > > > > > Mel > > I almost
>
> >
>
> > always turn on the amp before the rig or looking at the > >
>

> cluster! I
>
> >
>
> > must say that is the longest 2.5 minutes in one'slife if > > you
do
>
> it
>
> >
>
> > in the reverse order 'cuz you know there is going to be > >
>
> something
>
> >
>
> > you'll see or hear that you can't work with 100 watts. > >
Anyhow,
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> I'm
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>
> > still curious what's going on during those 2.5 > > minutes. Maybe
it
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> > just has to reach idling operating temperature > > before being
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> > driven. There is nothing I can find in the manualother > > than
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> > warm up time. > > 73, Paul VE1DX > > [Non-text portions of this
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> > message have been removed] > >>
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> > > Send e-mail anywhere. No map, no compass.
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> > http://windowslive.com/Explore/hotmail?
>
> ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008
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> > You live life online. So we put Windows on the web.
>
> > http://clk.atdmt.com/MRT/go/127032869/direct/01/
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> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

2954. Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 16:17:20 UTC
From: Andrey Stoev
Topic: 2931 Message: 2954

Sorry Kees,
I forgot to answer this part:
>I reckon the Acom1010
tube is under much more stress because the HV is lower under load.

Not necessarily! Saging of the HV is caused by the plate current,
but the actual sag is related to the "stiffness" of the HV supply.
This has to do with the current capabilities of the power transormer.
If we asume that with no load, both 1000 and 1010 are suppling 2800V
and then under the same load (plate current) 1010 sags to lower
voltage, the input power will be the result from the plate current
and the actual (under load) plate voltage. This does not mean that
the tube is stressed more - the stress is taken by the power
transformer (the transformer responds to the current by saging the
voltage)
The condition you are thinking of (tube more stressed) is if the HV
is much lower in first place and to make up for the low voltage the
tube is pushed with higher-than-nominal plate current to deliver the
same output - I highly doubd that this is the case.
1010 is a cheaper amplifier than 1000 and I think part of the cost-
saving is done with the [smaller] power transofrmer / HV supply.
(lower number of turns / smaller gauge wire for the secondary (HV)
winding)

73
de Andrey, AE1Z

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volt transformer tap and the mains is actually 220v, in example. A
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> Date: Thu, 11 Dec 2008 15:15:22 +0000
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compared
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>
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>
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>
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> >
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>
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>
> > electrons) but it will be prompt to the so called cathode
poisoning

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>
> > effect, hence decreasing the life of the tube.
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> > 73
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>
> > de Andrey, AE1Z
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>
> > --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@> wrote:
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> >
>
> > > Line voltage out of range behavoir of ACOM1000 amplifier.
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>
> > > The amplifier was specially suited for use with generators. It
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> would
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>
> > not cease to function with a "soft" AC line and will deliver more

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> than
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>
> > half power at only 75% of nominal mains voltage. It would
withstand
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> up
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>
> > to 10 milliseconds (down to zero) voltage drops, and up to +15%
line
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>
> > voltage spikes, which is important particularly when used at field
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>
> > days, DXpeditions, and other portable events.
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>
> > > A +10/-25% excursion of nominal voltage is acceptable. For
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> instance,
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>
> > this is 180...264V at 240V tap selection. Nominal taps available
are
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> > 200, 210,220,230, and 240V.
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>
> > > If you use the amplifier with more than +15% higher manis
voltage

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>
> > (above 276V at 240V tap), supply voltages will reach dangerous
>
> values
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>
> > and amplifier protections begin tripping. Otherwise severe
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> may
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>
> > occure in both: power supply of the amplifier or the tubes.
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> > > Lower voltages down to -25% (180V at 240V tap, or 150V at 200V
>
> tap)
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>
> > and even short power breaks however are not a problem. Of course,
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> the
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> > output will decrease propornionally (down to 600Watts at the lower
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> > voltage edge).
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> > > The control circuit is happy also with voltage drops of-30%,
i.e.

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> > below 170V at 240V nominal or 140V at 200V nominal. If the input
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> > voltage drops below -30% for longer than 10-20 milliseconds, the
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>
> > > Vy 73, de Kees. Member of an all HAM family.AmateurRadio :
>
> PA7TWO -
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>
> > M5TWO Locator: JO22jp.
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> > > To: acom-list@: kotjunk@: Wed, 10 Dec 2008 20:21:02
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> > +0000Subject: [acom-list] Re: What is going on during the
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> > official spec sheet for 4CX800A, warm-up time forthe cathode is
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> > Andrey, AE1Z--- In acom-list@yahoogroups.com, paul glassman
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> > prevent high inrush current. Also there is a warm-up time before
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> > high voltages (Plate/G2) are applied. Could be the same in
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> > the1000/1010 > > ----- Original Message ----- > > From: Paul M
>
> Dunphy
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>
> > > > To: acom-list@yahoogrou ps.com > > Sent: Wednesday, December
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>
> > 2008 7:03 PM > > Subject: Re: [acom-list] What is going on during
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> the
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> > countdown? > > At 01:20 PM 12/10/2008, you wrote: > > >And then
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>
> > something to agonize over while you hear that rare DXstation
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> > > > > CQ! > > > > > > > > > As someone once said, "Turn on the amp
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> > before you turn onthe receiver." > > > > > > > > > Mel > > I almost
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> cluster! I
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> > in the reverse order 'cuz you know there is going to be > >
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> something
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Anyhow,
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it
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> > driven. There is nothing I can find in the manualother > > than
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> it's a
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> > warm up time. > > 73, Paul VE1DX > > [Non-text portions of this

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> > > Send e-mail anywhere. No map, no compass.
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> > > http://windowslive.com/Explore/hotmail?
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> ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008
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> > You live life online. So we put Windows on the web.
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> > http://clk.atdmt.com/MRT/go/127032869/direct/01/
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> Suspicious message? There's an alert for that.
> http://windowslive.com/Explore/hotmail?
ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008
>
> [Non-text portions of this message have been removed]
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2955. RE: [acom-list] Re: What is going on during the countdown?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-11 16:33:06 UTC
From: Kees - pa7two
Topic: 2931 Message: 2955

Hi Andrey,

No problem.

Yes, I do recall a substantial lower HV on the Acom 1010! Not 100% sure... Have to find the documents.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: kotjunk@...
Date: Thu, 11 Dec 2008 16:17:20 +0000
Subject: [acom-list] Re: What is going on during the countdown?

Sorry Kees,

I forgot to answer this part:

>I reckon the Acom1010

tube is under much more stress because the HV is lower under load.

Not necessarily! Saging of the HV is caused by the plate current,

but the actual sag is related to the "stiffness" of the HV supply.

This has to do with the current capabilities of the power transormer.

If we asume that with no load, both 1000 and 1010 are suppling 2800V

and then under the same load (plate current) 1010 sags to lower

voltage, the input power will be the result from the plate current

and the actual (under load) plate voltage. This does not mean that

the tube is stressed more - the stress is taken by the power

transformer (the transformer responds to the current by saging the

voltage)

The condition you are thinking of (tube more stressed) is if the HV

is much lower in first place and to make up for the low voltage the

tube is pushed with higher-than-nominal plate current to deliver the

same output - I highly doubd that this is the case.

1010 is a cheaper amplifier than 1000 and I think part of the cost-saving is done with the [smaller] power transofrmer / HV supply. (lower number of turns / smaller gauge wire for the secondary (HV) winding)

73

de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:

>

>

> Hi Andrey,

>

> I was refering to the same output level on both amplifiers. So, in other words, by 750 watts output on both the Acom1000 and Acom1010.

> Which of the two tubes is under more stress conditions? I reckon the Acom1010 tube is under much more stress because the HV is lower under load.

>

> A lower output can be observed when the Acom 1000 is set on a 230 volt transformer tap and the mains is actually 220v, in example. A 100 volt more HV results in more RF watts output. Sure the heater voltage is lower in this example, not helping as well :-)

>

> The Alpin100 produces more output because the HV is higher!

>

> Vy 73, de Kees.

>

>

>

> To: acom-list@yahoogroups.com

> From: kotjunk@...

> Date: Thu, 11 Dec 2008 15:15:22 +0000

> Subject: [acom-list] Re: What is going on during the countdown?

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> Svetlana's official rating for the 4CX800A is Maximum

800W Plate

>

> dissipation and max 2500V DC voltage. As far as I know all ACOM

amps

>

> were sold with GU74B which is the mil version of 4CX800A. It is

>

> actually the other way around - GU74b is the original tube designed

>

> for military applications and then they started making

>

> the "comercial" version 4CX800A. Both tubes have exactly the same

>

> specs, the comercial one ...well looks "comercial" (shiny with nice

>

> print).

>

> They have been very conservative on the spec sheet. Knowing well

the

>

> russian way of thinking (and designing things for that matter) I

can

>

> tell you (and the practice is showing it too) these tubes can be

>

> pushed way beyoned their spec sheet ratings with no ill effects.

>

> To answer your question: It is the other way around - the tube in

>

> ACOM 1000 is under more stress and pushed beyoned its spec sheet

>

> ratings (2.5kV under load vs. 2.2 kV (specs))to deliver 1000W than

>

> the tube in 1010 (750W for tube rated at nominal 780W) and the

tubes

>

> in 2000 (2x780W to deliver 1560W, amp rated at 1.5 kW).

>

> That beeing said, thousands of ACOM 1000s are performing fine

without

>

> tube issues - GU74b takes the extra push quite well. Key player is

>

> the well deisgned cooling of the amplifier too.

>

> In the "cheap knock-off" of ACOM 1000, the amp Alpin 100 MKII,

same

>

> single GU74b is pushed even further to deliver 1200W under low duty

>

> cycle (SSB) with even higher plate DC.

>

>

>

> 73

>

> de Andrey, AE1Z

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> --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@> wrote:

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> > It has always been a question: Which tap on the transformer

should

>

> I use. Tube experts say just slightly under the maximum heater

>

> voltage gives a longer life span of the tube. So, I think that the

>

> maximum is about 2% under the rated heater voltage is allowed,

>

> without damaging the tube under normal operation conditions. If the

>

> heater voltage is (much) lower, a lower amount of electrons are

>

> released. With too much RF input, the cathode gets poisened indeed.

>

> >

>

> > Over voltage shortens the life span of the heater but on the

other

>

> hand I question if your (HAM) tubes die more from from over heating

>

> or from the on / off cycles. Therefore a few percentage of over

>

> voltage is also here allowed I suppose.

>

> >

>

> > Especially during field-day operations the mains voltage may

>

> heavily vary and the therefore the correct taps on the transformers

>

> are critical on each amplifier. Exactly for that purpose I provided

>

> the info.

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> >

>

> > While thinking about this subject, I have some thoughts about the

>

> Acom1010. I explain: The HV is lower under load when compared to

the

>

> Acom 1000. How about this one? 750 watts is about the maximum of

the

>

> Acom 1010. Is the tube under much more stress at this point

compared

>

> to the Acom 1000?

>

> >

>

> > Please share your thoughts on the matter.

>

> >

>

> > Vy 73, de Kees.

>

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>

> > To: acom-list@yahoogroups.com

>

> > From: kotjunk@

>

> > Date: Wed, 10 Dec 2008 23:09:25 +0000

>

> > Subject: [acom-list] Re: What is going on during the countdown?

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> > Yep. But...there are two different things we are

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> talking about:

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> > operability vs. optimum performance/healthy tube/tube longevity.

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>

> > The amplifier will be operable and it will function at low AC

>

> mains...

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> > there is no question about it. Cathode heating is established

with a

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> >

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> > separate winding on the power transformer and it is NOT regulated!

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> > There are resistors for current limiting but that's pretty much

it.

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>

> > Lower AC mains is directly related to lower heating voltage. If

the

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>

> > cathode is a bit cooler than normal, it will still operate (emit

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> > warm up time. > > 73, Paul VE1DX > > [Non-text portions of this

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> > message have been removed] > >>

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> > > Send e-mail anywhere. No map, no compass.

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> > http://windowslive.com/Explore/hotmail?

>

> ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

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> > > [Non-text portions of this message have been removed]

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> > You live life online. So we put Windows on the web.

>

> > http://clk.atdmt.com/MRT/go/127032869/direct/01/

>

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> > [Non-text portions of this message have been removed]

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> Suspicious message? There's an alert for that.

> http://windowslive.com/Explore/hotmail?

ocid=TXT_TAGLM_WL_hotmail_acq_broad2_122008

>

> [Non-text portions of this message have been removed]

>

_____
Send e-mail faster without improving your typing skills.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

[Non-text portions of this message have been removed]

2956. For Krassy K1LZ

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-12 22:52:22 UTC
From: Barry
Topic: 2956 Message: 2956

Krassy,
I'm trying to send you direct email and it's being bounced as possible
spam. Is there a way I can contact you via email?

Your message cannot be delivered to the following recipients:

Recipient address: k1lz@...
Reason: Remote SMTP server has rejected address
Diagnostic code: smtp;550 5.2.1 Mailbox unavailable. Your IP address 206.46.252.46 is
blacklisted using SORBS-ALL. Details: Currently Sending Spam See:
http://www.sorbs.net/lookup.shtml?206.46.252.46.
Remote system: dns;controller.milara.net (TCP|206.46.252.46|56339|75.147.54.25|25)

Apologies to everyone else on the list.
Barry W2UP

--

Barry Kutner, W2UP Newtown, PA

2957. Fixed ACOM1000 Fault (TNX ACOM!)

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-20 13:40:15 UTC
From: Brian A.
Topic: 2930 Message: 2957

The guys at ACOM found a "bad LV capacitor".

9 days door to door! Way to go ACOM.

As an aside.
Put in a NOS GU74B from VINE Antennas Ltd (UK) we got last June. Other
than minor tweaking for the two bias pots, it appears at least equal
to the original tube. Nice to have two working tubes.

73 de Brian/K3KO

--- In acom-list@yahoogroups.com, "Brian A." <alsopb@...> wrote:
>
> I was just sitting there with the amp on.
>
> I heard a buzz which sounded like a relay buzzing on/off at a high rate.
> The lower line of the display was very faint and appears to be
> scanning at a very high rate.
>
> Now at startup, instead of the count down appearing, the normal after
> countdown items display on the lower line. Very faint. Like above.
>
> After the countdown finishes, the very faint display remains. The
> buzz is there too. The buzz is eliminated by pressing the OPER button
> putting the amp in stand by. The HV reads 3Kv and the temp shows Exh
> AIR shows 32C with a room temp of 20C.
>
> Any hints on this. I seem to recall a similar situation when I was
> testing a friends tubes. The bad tube seemed to generate this.
>
> Suggestions?
>
> 73 de Brian/K3KO
>

2958. Re: [acom-list] Acom 2000A BIAS TOO LOW ****FIXED!****

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-21 00:41:47 UTC
From: Glenn O'Donnell, K3PP
Topic: 2846 Message: 2958

My dear friends,

I bring tidings of great joy! K3PP's Acom 2000A is back on the air! The BIAS TOO LOW message was the result of a failed electrolytic capacitor (the infamous C2) on the low voltage power supply board. Thanks a 1.0E+06 to Stan at Acom and a whole bunch of you for the help!

The capacitor is a 47uF 250v part. I purchased a fistful from Mouser (part number 75-517D476M250EK6AE3). They were cheap at US$1.72 a piece. I have several here, so if you have the BIAS TOO LOW error caused by C2, let me know and I'll send you one at no charge (while supplies last! HI). Please do not request one as your own spare just in case you "might" have the failure. Please confirm the blown capacitor before requesting one.

The low voltage board is the bottom board in the stack next to the big transformer. It's a bit of a pain to get to it, but feasible with a little patience and care. If you have the C2 failure, it should be noticeable with the naked eye right away. My capacitor had a big bubble protruding from between the leads. There was no doubt it was fried. If you replace yours, remember it's an electrolytic. Polarity matters! Many of us learned this from experience ("experience" is just a euphemism for having made enough mistakes to hopefully learn from them!).

Here are links to photos (courtesy of Stan at Acom). I will try to take a photo of the blown capacitor too. We should probably put them on the Acom list web site with the other photos.

The stack of power supply boards:
http://k3pp.com/Station/Acom2000A/HV&LV_Stack.jpg

The low voltage board showing the location of C2:
http://k3pp.com/Station/Acom2000A/LV_Bias1.jpg

I also purchased a pair of NOS GU74b tubes from Vine Antennas. It turns out that wasn't the problem, but at least I now have the spare set ready to go if I need them. Ron GW3YDX of Vine is a GREAT guy!

This may go down in history as one of the slowest repairs in amateur radio history. The amp went belly up on me well over a year ago (probably over TWO years ago!), but I was so busy with life that I didn't get to deal with it until I sent my plea to all of you last month. I FINALLY got the time to replace the capacitor today!

It's GOOD to be back in business!!

VY 73 ... and to all a good night!
de Glenn K3PP

Glenn O'Donnell, K3PP wrote:
>
> Hi gang,
>
> I have one of the first 2000A units sold here in the US and it's now
> dead with this error. Actually, it's been dead for well over a year, but
> I've been too busy to deal with it. Now that contest season is under
> way, I want to get things going again. Better late than never! :-(
>
> I know this has come up here before and my perusal of the list archive
> tells me my most likely cause is a fried screen or control grid in one
> of the tubes. Hal, N4GG gave a nice, thorough description here:
> http://groups.yahoo.com/group/acom-list/message/2564
> <http://groups.yahoo.com/group/acom-list/message/2564>
>
> Tony, N2TK mentioned capacitor C2 as a culprit:
> http://groups.yahoo.com/group/acom-list/message/1693
> <http://groups.yahoo.com/group/acom-list/message/1693>
> but then also confirmed the bad tube fault:
> http://groups.yahoo.com/group/acom-list/message/2238
> <http://groups.yahoo.com/group/acom-list/message/2238>
> Tony, I love ya man, but what's the scoop?
>
> My problem first appeared intermittently, but rapidly turned permanent.
> I buy Hal's theory because I had a lot of trouble in its early days with
> spikes from my Icom IC775 kicking it off with arc faults. I finally got
> that under control, but I suppose the damage was already done.
>
> My two questions:
> 1. Can I test this to tell for sure?
> 2. Should I not even bother and just order two GU74B tubes now? If so,
> it appears Vine in the UK is the best source, right?
>
> I've exchanged email a few times with Will K6ND at Acom. He was helpful,
> but suggested I send it back to them for repair. I know they're good,
> and reasonable, but I can't respect myself as a technical guy if I don't
> at least take a stab at repairing it myself first!
>
> Thanks a 1.0E+06 to all!
> VY 73 de Glenn K3PP
>
>

2959. ACOM Christmas Card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-22 01:00:25 UTC
From: gary pearse
Topic: 2959 Message: 2959

I just received the nice Christmas Card signed by the good folks at ACOM.

Thanks, and in return a very Merry Christmas to you, and all on the Forum.

73 Gary NL7Y in Santa's playground.

2960. Re: FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-22 17:53:03 UTC
From: rw3acq
Topic: 1125 Message: 2960

Hi,dear all!
Could you tell me please, what is the right way to interconnect
my FT897 (CAT/Linear : 8 DIM) and ACOM-1000 (RCA: TIP and RING)?
Please help!
73's
Serge, RW3ACQ

2961. Re: FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-23 18:34:28 UTC
From: Andrey Stoev
Topic: 1125 Message: 2961

It is very straight forward process - ACOM 1000 doesnt use ALC so you dont have to worry about it. The only thing you need is to connect TX-GND (FT-897) to KEY IN (ACOM 1000)
An optional connection to improve Full Break-in QSK is to connect TX-INH (TX inhibit, FT-897) to KEY Out (ACOM 1000). With this connection, the amplifier will "allow" the transceiver to Tx when the AMP is ready to be keyed. This second connection is not a must, but it will prevent the amp from going into Protection mode, should the tranceiver sends RF before the amp is keyed. Just solves timing issues when switching Rx-Tx at high speed.
On some transceivers the "TX-INH" signal needs to be "pulled up". This is very simple to do - just connect a 10k resistor between TX-INH and +13.8 pin. This will pull up the signal and it will allow the transceiver to TX if the amplifier is not pulling it down to GND. It can be done right into the housing of the DIN connector.
For both connection use shielded audio cable or small coaxial cable (RG-174) with two RCAs on the amplifier side and the DIN on transceiver side. The shield is connected to GND.

Hope this helps!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "rw3acq" <rw3acq@...> wrote:
>
> Hi,dear all!
> Could you tell me please, what is the right way to interconnect
> my FT897 (CAT/Linear : 8 DIM) and ACOM-1000 (RCA: TIP and RING)?
> Please help!
> 73's
> Serge, RW3ACQ
>

2962. Re: FT-897 + CAT + Acom 1000 ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-23 22:18:20 UTC
From: rw3acq
Topic: 1125 Message: 2962

Hi,Andrey!
Thank you very much for taking your time to write this in a very detailed way, I really appreciate it!
I'll do as you suggested. A couple of hours ago I've got an e-mail from LZ1IU who described the whole process as you did. So that is very kind of you both, giving me a helping hand!
I wish you Happy Holidays, good luck and DX's!
73's!
de Serge,RW3ACQ

2963. Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 07:50:15 UTC
From: moumoumousse
Topic: 2963 Message: 2963

Happy New Year for all the readers and users of beautiful Acom Amplifiers.

After the boot of my Acom 2000A I have the following message :

" Serial numbers not matching"

My amplifier is working very nice but I don't find in the notice what
means this advertissment.

Any help please ?

Vy 73 and thanks for some indications.

Frank **F6BLP**

2964. Re: [acom-list] Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 08:01:51 UTC
From: John Peters
Topic: 2963 Message: 2964

Since that error msg is not in the manual, I suggest contacting ACOM. Did you change tubes? Change the control box? The serial numbers are on the tubes, the amp and the control box. Perhaps the wrong one was returned after service?

John K1ER
----- Original Message -----
From: moumoumousse
To: acom-list@yahoogroups.com
Sent: Saturday, December 27, 2008 9:50 PM
Subject: [acom-list] Is it a problem ?

Happy New Year for all the readers and users of beautiful Acom Amplifiers.

After the boot of my Acom 2000A I have the following message :

" Serial numbers not matching"

My amplifier is working very nice but I don't find in the notice what
means this advertissment.

Any help please ?

Vy 73 and thanks for some indications.

Frank **F6BLP**

[Non-text portions of this message have been removed]

2965. Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 08:33:52 UTC
From: moumoumousse
Topic: 2963 Message: 2965

--- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>
> Since that error msg is not in the manual, I suggest contacting
ACOM. Did you change tubes? Change the control box? The serial
numbers are on the tubes, the amp and the control box. Perhaps the
wrong one was returned after service?
>
> John K1ER
> ----- Original Message -----
> From: moumoumousse
> To: acom-list@yahoogroups.com
> Sent: Saturday, December 27, 2008 9:50 PM
> Subject: [acom-list] Is it a problem ?
>
>
> Happy New Year for all the readers and users of beautiful Acom
Amplifiers.
>
> After the boot of my Acom 2000A I have the following message :
>
> " Serial numbers not matching"
>
> My amplifier is working very nice but I don't find in the notice what
> means this advertissment.
>
> Any help please ?
>
> Vy 73 and thanks for some indications.
>
> Frank **F6BLP**
>
>
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>
>
> [Non-text portions of this message have been removed]
>

Hello John

Tks for rapid answer.

No change for tubes or control box...

Are the Serial numbers the numbers of the tubes ? There are originals
tubes..

HNY John and best 73

Frank

2966. Re: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 08:45:59 UTC
From: John Peters
Topic: 2963 Message: 2966

In my ACOM 2000 manual, the serial numbers of the fwd and aft tubes and the ACOM 2000 are listed. No other serial numbers mentioned. I don't know why a serial number message would appear if nothing was changed. Contact ACOM.

Good luck. 73 John K1ER
----- Original Message -----
From: moumoumousse
To: acom-list@yahoogroups.com
Sent: Saturday, December 27, 2008 10:33 PM
Subject: [acom-list] Re: Is it a problem ?

--- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>
> Since that error msg is not in the manual, I suggest contacting
ACOM. Did you change tubes? Change the control box? The serial
numbers are on the tubes, the amp and the control box. Perhaps the
wrong one was returned after service?
>
> John K1ER
> ----- Original Message -----
> From: moumoumousse
> To: acom-list@yahoogroups.com
> Sent: Saturday, December 27, 2008 9:50 PM
> Subject: [acom-list] Is it a problem ?
>
>
> Happy New Year for all the readers and users of beautiful Acom
Amplifiers.
>
> After the boot of my Acom 2000A I have the following message :
>
> " Serial numbers not matching"
>
> My amplifier is working very nice but I don't find in the notice what
> means this advertissment.
>
> Any help please ?
>
> Vy 73 and thanks for some indications.
>
> Frank **F6BLP**
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

Hello John

Tks for rapid answer.

No change for tubes or control box...

Are the Serial numbers the numbers of the tubes ? There are originals tubes..

HNY John and best 73

Frank

[Non-text portions of this message have been removed]

2967. Re: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 13:18:20 UTC
From: Barry N1EU
Topic: 2963 Message: 2967

I'm curious. How could tubes possibly have serial numbers detectable
by the electronics?

73/HNY,
Barry N1EU

>
> --- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>>
>> Since that error msg is not in the manual, I suggest contacting
> ACOM. Did you change tubes?

2968. FWD: Re: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 14:11:39 UTC
From: Jim Idelson
Topic: 2968 Message: 2968

That error comes up when there is a mismatch between the remote control box and the amp control board. At the factory, the remote is tested and packaged with a specific amp, and a number matching the amp is is programmmed into the remote. Maybe some of the amps setup parameters are also stored in the remote. Anyway, this is a programmed value and it is possible for anything that is programmed to become un-programmed. If I recall correctly, I think this is a problem that can be solved without sending anything back to the factory - just contact them. I also believe that using the amp with this problem while you are waiting for a solution won't harm anything.

73,

Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

---------- Forwarded Message ----------

FROM: "Barry N1EU" <barry.n1eu@...>
TO: acom-list@yahoogroups.com
DATE: Sun, 28 Dec 2008 13:18:20 +0000

RE: Re: [acom-list] Re: Is it a problem ?

I'm curious. How could tubes possibly have serial numbers detectable
by the electronics?

73/HNY,
Barry N1EU

>
> --- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>>
>> Since that error msg is not in the manual, I suggest contacting
> ACOM. Did you change tubes?

Yahoo! Groups Links

2969. RE: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 14:16:24 UTC
From: Howard K2HK
Topic: 2968 Message: 2969

I agree with Jim. I believe I had this problem several years ago. The fact that I don't remember the exact fix makes me think it was trivial. I believe it involved a reset.
73,
Howard..K2hk
[Non-text portions of this message have been removed]

2970. RE: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 14:20:57 UTC
From: Robert Naumann
Topic: 2963 Message: 2970

Perhaps the socketed chip in the control head needs to be re-seated?

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Sunday, December 28, 2008 7:18 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Re: Is it a problem ?

I'm curious. How could tubes possibly have serial numbers detectable by the electronics?

73/HNY,
Barry N1EU

>
> --- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>>
>> Since that error msg is not in the manual, I suggest contacting
> ACOM. Did you change tubes?

Yahoo! Groups Links

2971. Re: ACOM Christmas Card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 19:11:34 UTC
From: Hans , PA3HGT
Topic: 2959 Message: 2971

I receive it too and i wish the people from Acom the same !

73,Hans,PA3HGT

--- In acom-list@yahoogroups.com, "gary pearse" <pearse@...> wrote:
>
> I just received the nice Christmas Card signed by the good folks at
ACOM.
>
> Thanks, and in return a very Merry Christmas to you, and all on the
Forum.
>
> 73 Gary NL7Y in Santa's playground.
>

2972. Re: [acom-list] Re: Is it a problem ?

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-28 20:20:43 UTC
From: John Peters
Topic: 2963 Message: 2972

Indeed how could anything have a serial number detectable by the electronics? My point was ONLY those serial numbers were mentioned in the ACOM 2000 manual. I'm not sure why the diagnostics would check serial numbers.

73 John K1ER
----- Original Message -----
From: Barry N1EU
To: acom-list@yahoogroups.com
Sent: Sunday, December 28, 2008 3:18 AM
Subject: Re: [acom-list] Re: Is it a problem ?

I'm curious. How could tubes possibly have serial numbers detectable
by the electronics?

73/HNY,
Barry N1EU

>
> --- In acom-list@yahoogroups.com, "John Peters" <petersj007@...> wrote:
>>
>> Since that error msg is not in the manual, I suggest contacting
> ACOM. Did you change tubes?

[Non-text portions of this message have been removed]

2973. Re: [acom-list] a problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-29 01:40:37 UTC
From: Bill NY9H
Topic: 2963 Message: 2973

Today I turned on the 2000A.....

I returned to the room a bit later ;
I do not think it powered up at all....

All the LEDSs come up.... then within 3 seconds it goes into fault...
the heater led comes on and the screen says :

IG2 = 199ma
should be zero

what should I look to first ????

I did look to the reflector but could not find anything about IG2 @ 199 ma...
I found low current but not high like 200ma.

I've emailed ACOM, but in the meantime.... Any Ideas ???
Anyone had this symptom ?

tnx
bill ny9h

2974. Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-29 13:48:23 UTC
From: Hanno, DK3HV
Topic: 2974 Message: 2974

whow... how many amps do you need to buy to get in the mailing list? Seems
with my 2000A and 1000 ist is not the level reached HI HI HI
all best in 2009

Hanno Vogels, DK3HV
eMail: hanno@...
EL: DB0EL-R or DM0ZIR-L
phone: +49 8102 729600
fax: +49 8102 729655
DARC ARRL BCC GDXF UKSMG
http://www.dk3hv.com
http://www.50mhz.de
http://www.yaesu-museum.com

[Non-text portions of this message have been removed]

2975. Re: [acom-list] a problem

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-29 19:23:41 UTC
From: Bill NY9H
Topic: 2963 Message: 2975

Will quickly sez : it's most likely the valves..... (confirmed my hunch)....
now to put my "matched" spares from Tom's Tubes.....

Like they days in the old days : "FILM AT 11"

Here is wishing I will not need further assistance from the ACOM crew.

tnx

bill

At 07:40 PM 12/28/2008, you wrote:

>Today I turned on the 2000A.....
>
>I returned to the room a bit later ;
>I do not think it powered up at all....
>
>All the LEDSs come up.... then within 3 seconds it goes into fault...
>the heater led comes on and the screen says :
>
>IG2 = 199ma
>should be zero
>
>
>what should I look to first ????
>
>I did look to the reflector but could not find anything about IG2 @ 199 ma...
>I found low current but not high like 200ma.
>
>I've emailed ACOM, but in the meantime.... Any Ideas ???
>Anyone had this symptom ?
>
>tnx
>bill ny9h
>
>
>----------
>
>Yahoo! Groups Links
>
>
>

2976. Re: [acom-list] a problem 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-31 14:39:40 UTC
From: Bill NY9H
Topic: 2976 Message: 2976

Changed out the finals....
Now that would have been TOO EASY.... not the tubes,,,,
still same fault...all the leds light ...then even before it has
time to warm up ...

after 2-3 seconds,,,

> >IG2 = 199ma
> >should be zero

ANY CLUES ANYONE.. while awaiting Will to return...????

bill (qrp)

2977. Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-31 18:47:50 UTC
From: Hans , PA3HGT
Topic: 2974 Message: 2977

It's not the number of amps you own(ed) but when you're ordering parts
for your Acom.
This year i ordered a RCU-panel for my 2000 and you will listed so
this year i received a X-mas card of Acom => Thanks Acom !

Wish everybody for 2009 a powerfull and troublefree Acom Year.

73,Hans,PA3HGT

www.pa3hgt.nl

--- In acom-list@yahoogroups.com, "Hanno, DK3HV" <hanno@...> wrote:
>
> whow... how many amps do you need to buy to get in the mailing list?
Seems
> with my 2000A and 1000 ist is not the level reached HI HI HI
> all best in 2009
>
> ----------------------------
> Hanno Vogels, DK3HV
> eMail: hanno@...
> EL: DB0EL-R or DM0ZIR-L
> phone: +49 8102 729600
> fax: +49 8102 729655
> DARC ARRL BCC GDXF UKSMG
> http://www.dk3hv.com
> http://www.50mhz.de
> http://www.yaesu-museum.com
>
>
>
>
> [Non-text portions of this message have been removed]
>

2978. Re: [acom-list] Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-31 22:07:26 UTC
From: LA7SL Nils "Peter"
Topic: 2974 Message: 2978

Really impressive customer relations !!
I received 100 + x-mas cards from companies all over
the world... From many of them I never ordered anything.....
:-) But of course...I would be a bad boy if I ruined your joy .
Merry Christmas ! And a happy new year !

----- Original Message -----
From: Hans , PA3HGT
To: acom-list@yahoogroups.com
Sent: Wednesday, December 31, 2008 7:47 PM
Subject: [acom-list] Re: Xmas card

It's not the number of amps you own(ed) but when you're ordering parts
for your Acom.
This year i ordered a RCU-panel for my 2000 and you will listed so
this year i received a X-mas card of Acom => Thanks Acom !

Wish everybody for 2009 a powerfull and troublefree Acom Year.

73,Hans,PA3HGT

www.pa3hgt.nl

--- In acom-list@yahoogroups.com, "Hanno, DK3HV" <hanno@...> wrote:
>
> whow... how many amps do you need to buy to get in the mailing list?
Seems
> with my 2000A and 1000 ist is not the level reached HI HI HI
> all best in 2009
>
> ----------------------------
> Hanno Vogels, DK3HV
> eMail: hanno@...
> EL: DB0EL-R or DM0ZIR-L
> phone: +49 8102 729600
> fax: +49 8102 729655
> DARC ARRL BCC GDXF UKSMG
> http://www.dk3hv.com
> http://www.50mhz.de
> http://www.yaesu-museum.com
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

2979. Re: [acom-list] Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2008-12-31 22:24:09 UTC
From: K0DAN
Topic: 2974 Message: 2979

They must not like me. I have one of the earliest U.S. 2000's, which has
even been back for sevrice a few times, but they've never sent me a card.

Oh well, the service has been excellent (and inexpensive), so I'd rather
have that than the card.

Happy new year to all.

73
dan
k0dan

----- Original Message -----
From: "LA7SL Nils "Peter"" <la7sl@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, December 31, 2008 4:07 PM
Subject: Re: [acom-list] Re: Xmas card

> Really impressive customer relations !!
> I received 100 + x-mas cards from companies all over
> the world... From many of them I never ordered anything.....
> :-) But of course...I would be a bad boy if I ruined your joy .
> Merry Christmas ! And a happy new year !
>
> ----- Original Message -----
> From: Hans , PA3HGT
> To: acom-list@yahoogroups.com
> Sent: Wednesday, December 31, 2008 7:47 PM
> Subject: [acom-list] Re: Xmas card
>
>
> It's not the number of amps you own(ed) but when you're ordering parts
> for your Acom.
> This year i ordered a RCU-panel for my 2000 and you will listed so
> this year i received a X-mas card of Acom => Thanks Acom !
>
> Wish everybody for 2009 a powerfull and troublefree Acom Year.
>
> 73,Hans,PA3HGT
>
> www.pa3hgt.nl
>
> --- In acom-list@yahoogroups.com, "Hanno, DK3HV" <hanno@...> wrote:
> >
> > whow... how many amps do you need to buy to get in the mailing list?
> Seems

> > with my 2000A and 1000 ist is not the level reached HI HI HI
> > all best in 2009
> >
> > ----------
> > Hanno Vogels, DK3HV
> > eMail: hanno@...
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> > phone: +49 8102 729600
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> > http://www.dk3hv.com
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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2980. Re: [acom-list] Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-01 01:31:30 UTC
From: John Peters
Topic: 2974 Message: 2980

It must be a card from the SERVICE dept. They didn't send one to the buyers of ACOM 2000A in 2008. It didn't break so I'm not disappointed.

John K1ER
----- Original Message -----
From: K0DAN
To: acom-list@yahoogroups.com
Sent: Wednesday, December 31, 2008 12:24 PM
Subject: Re: [acom-list] Re: Xmas card

They must not like me. I have one of the earliest U.S. 2000's, which has
even been back for sevrice a few times, but they've never sent me a card.

Oh well, the service has been excellent (and inexpensive), so I'd rather
have that than the card.

Happy new year to all.

73
dan
k0dan

----- Original Message -----
From: "LA7SL Nils "Peter"" <la7sl@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, December 31, 2008 4:07 PM
Subject: Re: [acom-list] Re: Xmas card

> Really impressive customer relations !!
> I received 100 + x-mas cards from companies all over
> the world... From many of them I never ordered anything.....
> :-) But of course...I would be a bad boy if I ruined your joy .
> Merry Christmas ! And a happy new year !
>
> ----- Original Message -----
> From: Hans , PA3HGT
> To: acom-list@yahoogroups.com
> Sent: Wednesday, December 31, 2008 7:47 PM
> Subject: [acom-list] Re: Xmas card
>
>
> It's not the number of amps you own(ed) but when you're ordering parts
> for your Acom.
> This year i ordered a RCU-panel for my 2000 and you will listed so
> this year i received a X-mas card of Acom => Thanks Acom !
>
> Wish everybody for 2009 a powerfull and troublefree Acom Year.

>
> 73,Hans,PA3HGT
>
> www.pa3hgt.nl
>
> --- In acom-list@yahoogroups.com, "Hanno, DK3HV" <hanno@...> wrote:
> >
> > whow... how many amps do you need to buy to get in the mailing list?
> Seems
> > with my 2000A and 1000 ist is not the level reached HI HI HI
> > all best in 2009
> >
> > ----------
> > Hanno Vogels, DK3HV
> > eMail: hanno@...
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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2981. Re: [acom-list] Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-01 01:38:20 UTC
From: Barry
Topic: 2974 Message: 2981

I've never sent an amp for service and I've been getting the cards for
years. They ARE very nice cards, printed in Bulgaria.
HNY,
Barry W2UP

John Peters wrote:
>
> It must be a card from the SERVICE dept. They didn't send one to the
> buyers of ACOM 2000A in 2008. It didn't break so I'm not disappointed.
>
> John K1ER
> ----- Original Message -----
> From: K0DAN
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Sent: Wednesday, December 31, 2008 12:24 PM
> Subject: Re: [acom-list] Re: Xmas card
>
> They must not like me. I have one of the earliest U.S. 2000's, which has
> even been back for sevrice a few times, but they've never sent me a card.
>
> Oh well, the service has been excellent (and inexpensive), so I'd rather
> have that than the card.
>
> Happy new year to all.
>
> 73
> dan
> k0dan
>
> ----- Original Message -----
> From: "LA7SL Nils "Peter"" <la7sl@... <mailto:la7sl%40online.no>>
> To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>>
> Sent: Wednesday, December 31, 2008 4:07 PM
> Subject: Re: [acom-list] Re: Xmas card
>
> > Really impressive customer relations !!
> > I received 100 + x-mas cards from companies all over
> > the world... From many of them I never ordered anything.....
> > :-) But of course...I would be a bad boy if I ruined your joy .
> > Merry Christmas ! And a happy new year !
> >
> > ----- Original Message -----
> > From: Hans , PA3HGT
> > To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> > Sent: Wednesday, December 31, 2008 7:47 PM

> > Subject: [acom-list] Re: Xmas card
> >
> >
> > It's not the number of amps you own(ed) but when you're ordering parts
> > for your Acom.
> > This year i ordered a RCU-panel for my 2000 and you will listed so
> > this year i received a X-mas card of Acom => Thanks Acom !
> >
> > Wish everybody for 2009 a powerfull and troublefree Acom Year.
> >
> > 73,Hans,PA3HGT
> >
> > www.pa3hgt.nl
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> > --- In acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>, "Hanno, DK3HV" <hanno@...> wrote:
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> > > whow... how many amps do you need to buy to get in the mailing list?
> > Seems
> > > with my 2000A and 1000 ist is not the level reached HI HI HI
> > > all best in 2009
> > >
> > > ----------
> > > Hanno Vogels, DK3HV
> > > eMail: hanno@...
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> > Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.10.1/1870 - Release Date: 12/31/2008 8:44 AM
>
>

--

Barry Kutner, W2UP Newtown, PA

2982. Re: [acom-list] Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-01 03:49:32 UTC
From: K0DAN
Topic: 2974 Message: 2982

Well this is almost a cult thing, like a QSL card, at least for those of us who've never recieved them!

But as stated B4, if the amp works, and the support & service have been good, then that's a more important QSL than the paper card (even tho I want one)!

;-)

73's to all

dan
k0dan

----- Original Message -----
From: "Barry" <w2up3@...>
To: <acom-list@yahoogroups.com>
Sent: Wednesday, December 31, 2008 7:38 PM
Subject: Re: [acom-list] Re: Xmas card

> I've never sent an amp for service and I've been getting the cards for
> years. They ARE very nice cards, printed in Bulgaria.
> HNY,
> Barry W2UP
>
> John Peters wrote:
>>
>> It must be a card from the SERVICE dept. They didn't send one to the
>> buyers of ACOM 2000A in 2008. It didn't break so I'm not disappointed.
>>
>> John K1ER
>> ----- Original Message -----
>> From: K0DAN
>> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
>> Sent: Wednesday, December 31, 2008 12:24 PM
>> Subject: Re: [acom-list] Re: Xmas card
>>
>> They must not like me. I have one of the earliest U.S. 2000's, which has
>> even been back for sevrice a few times, but they've never sent me a card.
>>
>> Oh well, the service has been excellent (and inexpensive), so I'd rather
>> have that than the card.
>>
>> Happy new year to all.
>>
>> 73

>> dan
>> k0dan
>>
>> ----- Original Message -----
>> From: "LA7SL Nils "Peter"" <la7sl@... <mailto:la7sl%40online.no>>
>> To: <acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>>
>> Sent: Wednesday, December 31, 2008 4:07 PM
>> Subject: Re: [acom-list] Re: Xmas card
>>
>> > Really impressive customer relations !!
>> > I received 100 + x-mas cards from companies all over
>> > the world... From many of them I never ordered anything.....
>> > :-) But of course...I would be a bad boy if I ruined your joy .
>> > Merry Christmas ! And a happy new year !
>> >
>> > ----- Original Message -----
>> > From: Hans , PA3HGT
>> > To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
>> > Sent: Wednesday, December 31, 2008 7:47 PM
>> > Subject: [acom-list] Re: Xmas card
>> >
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>> > It's not the number of amps you own(ed) but when you're ordering parts
>> > for your Acom.
>> > This year i ordered a RCU-panel for my 2000 and you will listed so
>> > this year i received a X-mas card of Acom => Thanks Acom !
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>> > Wish everybody for 2009 a powerfull and troublefree Acom Year.
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>> > 73,Hans,PA3HGT
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>> > www.pa3hgt.nl
>> >
>> > --- In acom-list@yahoogroups.com
>> <mailto:acom-list%40yahoogroups.com>, "Hanno, DK3HV" <hanno@...> wrote:
>> > >
>> > > whow... how many amps do you need to buy to get in the mailing list?
>> > Seems
>> > > with my 2000A and 1000 ist is not the level reached HI HI HI
>> > > all best in 2009
>> > >
>> > > ----------
>> > > Hanno Vogels, DK3HV
>> > > eMail: hanno@...
>> > > EL: DB0EL-R or DM0ZIR-L
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>> > Yahoo! Groups Links
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>> [Non-text portions of this message have been removed]
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>> No virus found in this incoming message.
>> Checked by AVG - http://www.avg.com
>> Version: 8.0.176 / Virus Database: 270.10.1/1870 - Release Date:
>> 12/31/2008 8:44 AM
>>
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>
> --
>
> Barry Kutner, W2UP Newtown, PA
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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2983. Re: Xmas card

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-01 13:46:34 UTC
From: Hanno, DK3HV
Topic: 2974 Message: 2983

I agree 100%... better the amps work 100% and no xmas card... by the way
the posting was with some smile in my face hi hi hi
All best in 2009 and see you all on the air

Hanno Vogels, DK3HV
eMail: hanno@...
EL: DB0EL-R or DM0ZIR-L
phone: +49 8102 729600
fax: +49 8102 729655
DARC ARRL BCC GDXF UKSMG
http://www.dk3hv.com
http://www.50mhz.de
http://www.yaesu-museum.com

[Non-text portions of this message have been removed]

2984. temperature monitor

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-10 02:48:25 UTC
From: kamarty456
Topic: 2984 Message: 2984

Just for grins here folks.....
Has anyone installed a mini thermocouple digital thermometer
above the tube chimneys to allow you to monitor the
air exhaust temperature in "F"

I just ordered a small unit -40F to +300F

I should have it within 5-7 days.

I'll report back with any comments if no one else has done this.

You ask why? Well, I don't do Centigrade in Arizona..we do Fahrenheit.

Marty KA7GKN

2985. Re: [acom-list] temperature monitor

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-10 02:54:45 UTC
From: Paul M Dunphy
Topic: 2984 Message: 2985

At 10:48 PM 1/9/2009, you wrote:
>Just for grins here folks.....
>Has anyone installed a mini thermocouple digital thermometer
>above the tube chimneys to allow you to monitor the
>air exhaust temperature in "F"
>
>I just ordered a small unit -40F to +300F
>
>I should have it within 5-7 days.
>
>I'll report back with any comments if no one else has done this.
>
>You ask why? Well, I don't do Centigrade in Arizona..we do Fahrenheit.
>
>
>
>Marty KA7GKN

I don't know about the ACOM-2000, but the display on the
ACOM-1000 shows both. Right now I'm looking at a display that reads
"Exh. Air 36C 93F." That's from the sensor in the tube chimney, of
course. If you are interested in looking at the exhaust air outside
(just above the protective screen), then you will need a second
sensor and display unit, I suppose.

73, Paul VE1DX

2986. Ang: [acom-list] temperature monitor

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-10 16:29:44 UTC
From: anu153j@tninet.se
Topic: 2986 Message: 2986

Hi Folks!
We don't do Centigrade here in Europe either.
We do Celsius.
The Celsius scale was developed in 1742 by the Swedish astronomer
Anders Celsius.
The ninth General Conference on Weights and Measures officially named
the scale
the Celsius scale in 1948 and thus also was adopted by the US National
Bureau of Standards.
73 de Rune SM5COP

----Ursprungligt meddelande----
Från: martins160@...
Datum: 2009-jan-10 03:48
Till: <acom-list@yahoogroups.com>
Ärende: [acom-list] temperature monitor

Just for grins here folks.....
Has anyone installed a mini thermocouple digital thermometer
above the tube chimneys to allow you to monitor the
air exhaust temperature in "F"

I just ordered a small unit -40F to +300F

I should have it within 5-7 days.

I'll report back with any comments if no one else has done this.

You ask why? Well, I don't do Centigrade in Arizona..we do
Fahrenheit.

Marty KA7GKN

Yahoo! Groups Links

2987. [acom-list] Cleaning Valve/Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-10 22:09:31 UTC
From: trevor dunne
Topic: 2984 Message: 2987

Hi all

Is there a procedure online anywhere as to how to clean the valve/chimney. My amp is a year old and i have it in storage at the moment but would like to give it a clean before i put it back into service.

its a Acom 1000 Btw.

Thanks
Trevor
EI2GLB

[Non-text portions of this message have been removed]

2988. Re: Cleaning Valve/Amp

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-11 03:21:45 UTC
From: Andrey Stoev
Topic: 2984 Message: 2988

The best way is to use compressed air (from a can). Just blow some compressed air right in the center of the valve's blower fan to loosen the dust and clean the blower first. Do a few short blasts until the blower starts spinnig and the dust comes out. Then turn the amp on the side and open the tube socket compartment - it is located on the under side of the amplifier. The compartment cover is attached with screws. Remove the cover and blow compressed air from the can into the socket compartment and especially in the openings around the valve socket. Before closing the compartment blow some air down thru the chimney (dont remove the chimney itself). That's it! Close the tube socket compartment and blow out the dust from the RF deck and HV supply board before closing the amplifier. Dont remove the valve or the chimney! If the dust is stuck to the silicone rubber of the chimeny you can gently use small soft brush to loosen the dust before blowing it out.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, trevor dunne <trevor_dunne@...>
wrote:
>
> Hi all
>
> Is there a procedure online anywhere as to how to clean the
valve/chimney. My amp is a year old and i have it in storage at the
moment but would like to give it a clean before i put it back into
service.
>
> its a Acom 1000 Btw.
>
> Thanks
> Trevor
> EI2GLB
>
>
>
>
> [Non-text portions of this message have been removed]
>

2989. TROFEU GADX MARATONA DE DX

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-13 18:43:51 UTC
From: py5eg
Topic: 2989 Message: 2989

Ola amigos:

O Grupo Araucaria de Dx, visando a continuidade do estímulo a prática do DX estará instituindo o TROFEU MARATONA DE DX .
Utilizaremos as mesmas regras e julgamento estabelecidas pelo CQ DX MARATHON patrocinado pela revista CQ MAGAZINE.
Publicaremos em nossa pagina a regra e condições, no entanto como a competição já é valida para 2009, estamos convocando todos os amantes da prática de DX a já iniciarem a caça as figurinhas.
As regras podem ser acessadas no link
http://www.cq-amateur-radio.com/DX%20Marathon%20Rules%20Dec08.pdf

Os cinco primeiros Brasileiros receberão certificados e os dois primeiros um belo TROFEU.

Vamos ver ser conseguimos colocar alguns Brasileiros no top 10 do proprio CQ DX MARATHONE.

Quem participar do TROFEU MARATONA DE DX do GADX , estará tambem participando paralelamente do CQ DX MARATHON da CQ MAGAZINE.

Poderemos tambem para motivar a todos manter os scores em um link especial.

link para TROFEU GADX MARATONA DE DX

http://www.araucariadx.com/site/noticias/Trofeu_GADX_DX.pdf

Boa sorte

Atilano PY5EG

2990. Re: temperature monitor

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-14 01:34:03 UTC
From: kamarty456
Topic: 2984 Message: 2990

I ordered the Taylor model 9940 digital panel mount thermometer from McMaster-Carr.
They are a delight to do business with. My order was received within a few days!

The range is -40Fto +300F and -40c to +150c
It runs on a single AAA battery

You can get the complete specs from McMaster-Carr their order #4141k11

I have set it to read "F" [Fahrenheit. There is a small switch behind the display.

Now, I set the stainless steel thermistor [for now] laying across the chimney exhaust vent holes.

I have compared the ACOM temperature readings and the Taylor's. Of course the Acom readings on the RCU are an average in 10c steps when viewing the main operating display.

The RCU menu temperature display for each tube's exhaust temperature is also in "C" [centigrade/Celsius] but will track in 1 degree steps for each tube.

I realize the external probe will not track 100% with the internal sensors, but it's not a concern.

I wanted to get a reasonable Fahrenheit display so I don't need a cheat sheet to monitor the amplifier's tube temperatures.

This Taylor 9940 does an excellent job and is very accurate.
The probe has a 10 foot cable and allows a myriad of ways to mount the thermometer.

I am very pleased with this product and its results.

I am not sure yet where I'll permanently mount the probe. I may simply use a small cable tie and adhesive backed mount and then
secure it in between the two chimney vents. I estimate the probe will sit 1/8"-1/4" above the chassis. This will then give me a reasonable exhaust temperature.

Marty KA7GKN

--- In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> Just for grins here folks.....
> Has anyone installed a mini thermocouple digital thermometer

> above the tube chimneys to allow you to monitor the
> air exhaust temperature in "F"
>
> I just ordered a small unit -40F to +300F
>
> I should have it within 5-7 days.
>
> I'll report back with any comments if no one else has done this.
>
> You ask why? Well, I don't do Centigrade in Arizona..we do Fahrenheit.
>
>
>
> Marty KA7GKN
>

2991. GU74B and much more

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-14 19:01:46 UTC
From: pe1czg
Topic: 2991 Message: 2991

For those looking for GU74B's and other stuff, I found this nice link:

http://www.qro-shop.com/

Maybe it can be usefull for someone.

73's Ger PE1CZG

2992. Re: [acom-list] a problem 2000A FIXED

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-21 03:43:22 UTC
From: Bill NY9H
Topic: 2992 Message: 2992

> > >IG2 = 199ma
> > >should be zero

Off it went to ACOM .

Will said it was on the microprocessor board,,,
and four chips (including a microprocessor) came back in a plastic
bag., soooo I am glad I did not try to troubleshoot this one.

The turnaround was fast ....and the cost of "out of warranty" repair was
UNBELIEVABLY & ridiculously inexpensive.

ACOM gets my vote.

bill

visit my station @
http://picasaweb.google.com/Bill.SteffeySr/HamRadioNY9H

2993. alc

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-28 06:30:04 UTC
From: paul glassman
Topic: 2993 Message: 2993

I want to use my 2000a with my yaesu 9000mp. output is 400 watts. what are the voltage parameters for the alc and why does the user manual indicate that they recommend against using the alc.
thanks paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

2994. Re: alc

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-28 12:09:06 UTC
From: Uffe Lindhardt
Topic: 2993 Message: 2994

Most ALCs are imperfect and have a too long attack time. This leads to leading edge power spikes, which are a problem especially with ACOMs, because the protection circuits react very fast.

What you could do is to apply a constant (negative) DC voltage to the ALC input of your transceiver. That removes the problems of the power spikes.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, paul glassman <highschooldiving@...> wrote:
>
> I want to use my 2000a with my yaesu 9000mp. output is 400 watts. what are the voltage parameters for the alc and why does the user manual indicate that they recommend against using the alc.
> thanks paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>

2995. Re: [acom-list] Re: alc

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-28 14:43:48 UTC
From: paul glassman
Topic: 2993 Message: 2995

uffe,
  thanks. that explains why they recommend not using the alc. now does anyone have the voltage values for the alc? does anyone have wills phone #? thanks paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

--- On Wed, 1/28/09, Uffe Lindhardt <pa5dd@...> wrote:

From: Uffe Lindhardt <pa5dd@...>
Subject: [acom-list] Re: alc
To: acom-list@yahoogroups.com
Date: Wednesday, January 28, 2009, 7:09 AM

Most ALCs are imperfect and have a too long attack time. This leads to
leading edge power spikes, which are a problem especially with ACOMs,
because the protection circuits react very fast.

What you could do is to apply a constant (negative) DC voltage to the
ALC input of your transceiver. That removes the problems of the power
spikes.

73 Uffe PA5DD

--- In acom-list@yahoogrou ps.com, paul glassman <highschooldiving@ ...>
wrote:
>
> I want to use my 2000a with my yaesu 9000mp. output is 400 watts.
what are the voltage parameters for the alc and why does the user
manual indicate that they recommend against using the alc.
> thanks paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>

[Non-text portions of this message have been removed]

2996. Check out my Facebook profile

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-31 03:35:14 UTC
From: Joel Kornreich
Topic: 2996 Message: 2996

Hi Acom-list@yahoogroups.com,

I set up a Facebook profile where I can post my pictures, videos and events and I want to add you as a friend so you can see it. First, you need to join Facebook! Once you join, you can also create your own profile.

Thanks,
Joel

To sign up for Facebook, follow the link below:
http://www.facebook.com/p.php?i=1316949736&k=56CU5X6Y44VM51LGSCV2RQ&r

[Non-text portions of this message have been removed]

2997. RE: [acom-list] Check out my Facebook profile

Yahoo group: acom-list (1999 — 2009)
Date: 2009-01-31 04:18:01 UTC
From: Joel Kornreich
Topic: 2996 Message: 2997

Regarding the previous posting,

This was a mistake done by a family member... Please ignore.

Thank you,

Joel, K2QBV

To: acom-list@yahoogroups.comFrom: k2qbv@...: Fri, 30 Jan 2009 19:35:14 -0800Subject: [acom-list] Check out my Facebook profile

Hi Acom-list@yahoogroups.com,I set up a Facebook profile where I can post my pictures, videos and events and I want to add you as a friend so you can see it. First, you need to join Facebook! Once you join, you can also create your own profile.Thanks,JoelTo sign up for Facebook, follow the link below:http://www.facebook.com/p.php?i=1316949736&k=56CU5X6Y44VM51LGSCV2RQ&r[Non-text portions of this message have been removed]

Windows Live? Hotmail??more than just e-mail.
http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t2_hm_justgotbetter_howitworks_012009

[Non-text portions of this message have been removed]

2998. Re: source of GU-74b

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-02 19:35:52 UTC
From: Andrey Stoev
Topic: 2931 Message: 2998

I am not sure if I should post feedback on purchases here but it is related to GU74b so it might be useful to people who are looking to buy replacement for thir amplifiers. I just bought a GU74b from Kees, pa7two. Smooth and quick transaction, using PayPal. I received an email with detailed gettering instructions and pictures of the parcel and shipping receipt. The tube arrived at US East Coast QTH 9 days after it was shipped. Great packaging! Date-code is 1992. NOS tube in the original sealed plastic bag. So far I am happy with my purchase and would recommend it and will buy again! It costs a bit more than what it is offered on ebay but in my case it is more reliable than buying directly from Russia - last time I bought tubes from Russia, it took 2 (two) months after shipping before I received the parcel!

Hope this helps!
73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "Henry Ingwersen, KT1J" <kt1j@...>
wrote:
>
> Kees,
>
> 'Just received your shipment of GU74b's. I was pleased with the
very careful and sturdy packaging, and overall excellent service.
Thanks!
>
> 73,
>
> Henry, KT1J
>
> ----- Original Message -----
> From: Kees - pa7two
> To: ACOM Reflector site
> Sent: Thursday, December 11, 2008 7:20 AM
> Subject: RE: [acom-list] Re: What is going on during the
countdown?
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

2999. Re: [acom-list] Re: source of GU-74b

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-02 20:08:49 UTC
From: paul glassman
Topic: 2931 Message: 2999

Andrey,
     Can you post the gettering instructions?
                          Thanks Paul w8jn

Quantum materiae materietur marmota monax
si marmota monax materiam possit materiari?

--- On Mon, 2/2/09, Andrey Stoev <kotjunk@hotmail.com> wrote:

From: Andrey Stoev <kotjunk@...>
Subject: [acom-list] Re: source of GU-74b
To: acom-list@yahoogroups.com
Date: Monday, February 2, 2009, 2:35 PM

I am not sure if I should post feedback on purchases here but it is
related to GU74b so it might be useful to people who are looking to
buy replacement for thir amplifiers. I just bought a GU74b from Kees,
pa7two. Smooth and quick transaction, using PayPal. I received an
email with detailed gettering instructions and pictures of the parcel
and shipping receipt. The tube arrived at US East Coast QTH 9 days
after it was shipped. Great packaging! Date-code is 1992. NOS tube in
the original sealed plastic bag. So far I am happy with my purchase
and would recommend it and will buy again! It costs a bit more than
what it is offered on ebay but in my case it is more reliable than
buying directly from Russia - last time I bought tubes from Russia,
it took 2 (two) months after shipping before I received the parcel!

Hope this helps!
73
de Andrey, AE1Z

--- In acom-list@yahoogrou ps.com, "Henry Ingwersen, KT1J" <kt1j@...>
wrote:
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> Kees,
>
> 'Just received your shipment of GU74b's. I was pleased with the
very careful and sturdy packaging, and overall excellent service.
Thanks!
>
> 73,
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> Henry, KT1J
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> ----- Original Message -----
> From: Kees - pa7two

> To: ACOM Reflector site
> Sent: Thursday, December 11, 2008 7:20 AM
> Subject: RE: [acom-list] Re: What is going on during the
countdown?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3000. Re: Gettering GU74b (was Re: source of GU-74b)

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-02 21:25:16 UTC
From: Andrey Stoev
Topic: 2931 Message: 3000

The instructions are compilation from a few different sources. I've uploaded the file in the group's file area. Hopefuly Kees will not mind. A very good site is also http://www.ve1dx.net/acomtube/

Here is what I have done - For leads: I soldered wires for the filament voltage (AWG #14) to 2 inch pieces of coaxial braid. Then I folded the braid twice and inserted in heatshrink tubing. Instead of using bare clips (which can short) - I didnt have a spare socket), I punctured the heatshring tubing (with the braid inside) with the tube's filament leads (one should be careful not to damage the lead). This created pretty good electrical connection. Very small insulated clips will work too. Connected the leads to a regulated variable power supply. I used a 12V fan (from computer power supply) and connected the fan to another power supply. I raised the fan with two 1 inch thick pieces of wood. For chimney I used a plastic soda bottle - fortunatly I had one with the perfect size (It was from "Classic Seltzer" water (sold at Costco)). The diameter of the bottle is exactly the same as the inside diameter of the computer fan and by cutting off the top (tapering) portion I was able to adjust the top diameter to fit perfectly around GU74b anode heatsink. IT was a nice and tight fit. The length of the chimney was such so the tubes leads were resting onto the fan's middle section. If needed, PVC tape could be used to aid the seal between the chimney - anode and chimney - fan. Properly cooled tube will get just warm to the tuch but not hot!
The tube MUST be cooled with forced air if gettered outside of the amplifier! Using tube chimeny is the most efficient way! Oversized fan (s) blowing to the sides could also work, but it must be cooled - otherwise the high temperature will destroy the seal around the filament leads and it will ruin the tube.
Here is the gettering schedule I kept:
First hour - 3v filament voltage (cooling fan can be OFF)
second hour - 5v (cooling fan si ON from that point on..)
third - 7.5V
forth - 10V
fifth hour - 12.5V
next 8 hours - 12.5V (nominal is 12.6V but it is better to be a little under than over)
I have checked the tube for internal short, before the gettering started and right after (while it was still hot). When the tube is hot it is normal to see 10-15 MOhm resistance (with DVM) between the cathode and the first grid - electrons are flowing from the hot cathode and the proximity of the grid allows for even the low measuring voltage of my fluke 8050A meter to detect this flow.

That's pretty much it with the gettering outside of the amp. It
allows for slowly raising the filament voltage over a period of time,
which according to some sources would extend the life of the tube.
Crystalization in tungsten filament is addressed this way. I have no
idea about the real-world effect on ramping up the filament voltage
but figured that if nothing else it would not hurt the tube.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, paul glassman
<highschooldiving@...> wrote:
>
> Andrey,
>   Can you post the gettering instructions?
>   Thanks Paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
> --- On Mon, 2/2/09, Andrey Stoev <kotjunk@...> wrote:
>
> From: Andrey Stoev <kotjunk@...>
> Subject: [acom-list] Re: source of GU-74b
> To: acom-list@yahoogroups.com
> Date: Monday, February 2, 2009, 2:35 PM
>
>
>
>
>
>
>
> I am not sure if I should post feedback on purchases here but it is
> related to GU74b so it might be useful to people who are looking to
> buy replacement for thir amplifiers. I just bought a GU74b from
Kees,
> pa7two. Smooth and quick transaction, using PayPal. I received an
> email with detailed gettering instructions and pictures of the
parcel
> and shipping receipt. The tube arrived at US East Coast QTH 9 days
> after it was shipped. Great packaging! Date-code is 1992. NOS tube
in
> the original sealed plastic bag. So far I am happy with my purchase
> and would recommend it and will buy again! It costs a bit more than
> what it is offered on ebay but in my case it is more reliable than
> buying directly from Russia - last time I bought tubes from Russia,
> it took 2 (two) months after shipping before I received the parcel!
>
> Hope this helps!
> 73
> de Andrey, AE1Z
>

> --- In acom-list@yahoogrou ps.com, "Henry Ingwersen, KT1J" <kt1j@>
> wrote:
> >
> > Kees,
> >
> > 'Just received your shipment of GU74b's. I was pleased with the
> very careful and sturdy packaging, and overall excellent service.
> Thanks!
> >
> > 73,
> >
> > Henry, KT1J
> >
> > ----- Original Message -----
> > From: Kees - pa7two
> > To: ACOM Reflector site
> > Sent: Thursday, December 11, 2008 7:20 AM
> > Subject: RE: [acom-list] Re: What is going on during the
> countdown?
> >
> >
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

3001. RE: GU74B (PURCHASE OF THIS TUBE)

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-03 03:47:25 UTC
From: Joel Kornreich
Topic: 3001 Message: 3001

From: k2qbv@...: acom-list@yahoogroups.comSubject: GU74B (PURCHASE OF THIS TUBE)Date: Mon, 2 Feb 2009 18:02:22 -0500

Look up VINE ANTENNAS in the UK. This source has shipped over 130 GU74B tubes to America. Vine has designed a complete testing device doing away will craziness associated with getting a good tube. More info is obtained by searching on this reflector for GU74B or my previous e mails to this group containing everything associated with the purchase from Vine. I myself have purchase four tubes for my Acom 2000A and have nothing to do with Vine other than relate where to purchase matched and tested tube(s) that is "read to go". Joel, K2QBV

Windows Live? Hotmail?:?more than just e-mail. Check it out.

_____
Windows Live? Hotmail??more than just e-mail.
http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t2_hm_justgotbetter_howitworks_012009

[Non-text portions of this message have been removed]

3002. Voltage Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-05 14:54:48 UTC
From: hvwhvw
Topic: 3002 Message: 3002

This morning the 2000A shut down from a heater over current limit. The mains voltage indicatated 260 volts which seemed to explain it. However, when I later checked the mains voltage it was back down to the usual 250V. I measured the voltage at the amp with a verified digital volt meter and got a reading of 243 volts. Would analog sensor calibration perhaps be in order? Anyone have any experience with this?

Thanks for your help.

73
Hal - K4HW

3003. FT920 <> Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-07 20:14:34 UTC
From: Hans , PA3HGT
Topic: 3003 Message: 3003

Hello all,

Can anyone give me info if i can connect a Yaesu FT920 with the Acom 2000a without problems ?
Is there no special cable needed to key the Acom so i can use a straight RCA-cable ?
There are 2 possibilities to switch the FT920 on the back in the RY or TR position,is the RY position suitable for the Acom 2000a ?

73,Hans,PA3HGT

www.pa3hgt.nl

3004. Re: [acom-list] FT920 <> Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-07 20:24:02 UTC
From: Hans Remeeus
Topic: 3003 Message: 3004

Hello Hans!

I have a special cable for you, which connects the BAND DATA of the
FT-920 with KEY IN and KEY of the 2000A.

With this cable the FT-920 will transmit AFTER THE 2000A has received a
PTT-command.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Hans , PA3HGT schreef:
>
>
> Hello all,
>
> Can anyone give me info if i can connect a Yaesu FT920 with the Acom
> 2000a without problems ?
> Is there no special cable needed to key the Acom so i can use a
> straight RCA-cable ?
> There are 2 possibilities to switch the FT920 on the back in the RY or
> TR position,is the RY position suitable for the Acom 2000a ?
>
> 73,Hans,PA3HGT
>
> www.pa3hgt.nl
>

3005. Re: FT920 <> Acom 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-07 20:32:47 UTC
From: Hans , PA3HGT
Topic: 3003 Message: 3005

Heeee,

Thanks for reply Hans !
Is this cable really needed because it will be probably used for one
time with my Acom 2000a.
Please give me the price with shipping to me if you want.

I saw that there is a RCA on the backside of the 920 with a RY and TR
possibility and that RCA will i connect with the Acom,that was my idea.

Hans

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Hello Hans!
>
> I have a special cable for you, which connects the BAND DATA of the
> FT-920 with KEY IN and KEY of the 2000A.
>
> With this cable the FT-920 will transmit AFTER THE 2000A has received a
> PTT-command.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> Hans , PA3HGT schreef:
> >
> >
> > Hello all,
> >
> > Can anyone give me info if i can connect a Yaesu FT920 with the Acom
> > 2000a without problems ?
> > Is there no special cable needed to key the Acom so i can use a
> > straight RCA-cable ?
> > There are 2 possibilities to switch the FT920 on the back in the RY or
> > TR position,is the RY position suitable for the Acom 2000a ?
> >
> > 73,Hans,PA3HGT
> >
> > www.pa3hgt.nl
> >

>

3006. 9000mp

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-07 22:26:23 UTC
From: paul glassman
Topic: 3003 Message: 3006

a little follow up. last week i asked about connecting the alc to my 9000mp. didnt want to kick 400 watts into the 2000a. i called will and he said... dont worry and dont use the alc. if you fire to much power into the 2000a it will just protect itself and go off line. the combination works like a champ. only one time during the past week has it gone into the protect mode.

73 paul w8jn

[Non-text portions of this message have been removed]

3007. FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-08 17:35:38 UTC
From: N2TK
Topic: 3007 Message: 3007

I posted some pictures on ham_amplifiers@yahoogroups.com of the GU74B I cut up. I would get a grid alarm when turning on the 2000A.

73,
N2TK, Tony
> _____
> From: N2TK [mailto:tony.kaz@...]
> Sent: Sunday, February 08, 2009 12:33 PM
> To: 'ham_amplifiers@yahoogroups.com'
> Subject: FW: GU74B cutaway
>
>
> Finished cutting away the tube - pix posted.
> It seems like the coating on the cathode that insulates the grid from the
> cathode isn't evenly coated at the top. There was one area that the
> coating wasn't present and the control grid was extremely close. It took
> very little pressure to short the grid to the cathode. Maybe this is why I
> was getting a grid leakage alarm when the heater was turned on?
> Will keep the other bad tube as a small door stop.
>
> 73,
> N2TK, Tony
>
>

[Non-text portions of this message have been removed]

3008. Re: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-08 22:36:50 UTC
From: Dave Hawes
Topic: 3007 Message: 3008

I don't subscribe to that group, Tony. Can you send me the message
with photos?

On 8 Feb 2009 at 12:35, N2TK wrote:

>
> I posted some pictures on ham_amplifiers@yahoogroups.com of the GU74B
> I cut up. I would get a grid alarm when turning on the 2000A.
>
> 73,
> N2TK, Tony
> > _____
> > From: N2TK [mailto:tony.kaz@...]
> > Sent: Sunday, February 08, 2009 12:33 PM
> > To: 'ham_amplifiers@yahoogroups.com'
> > Subject: FW: GU74B cutaway
> >
> >
> > Finished cutting away the tube - pix posted.
> > It seems like the coating on the cathode that insulates the grid
> > from the cathode isn't evenly coated at the top. There was one area
> > that the coating wasn't present and the control grid was extremely
> > close. It took very little pressure to short the grid to the
> > cathode. Maybe this is why I was getting a grid leakage alarm when
> > the heater was turned on? Will keep the other bad tube as a small
> > door stop.
> >
> > 73,
> > N2TK, Tony
> >
> >
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

3009. RE: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-08 22:48:54 UTC
From: Kees - pa7two
Topic: 3007 Message: 3009

Yes to me too please!

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@...m
From: dave.n3rd@...
Date: Sun, 8 Feb 2009 17:36:50 -0500
Subject: Re: [acom-list] FW: GU74B cutaway

I don't subscribe to that group, Tony. Can you send me the message

with photos?

On 8 Feb 2009 at 12:35, N2TK wrote:

>

> I posted some pictures on ham_amplifiers@yahoogroups.com of the GU74B

> I cut up. I would get a grid alarm when turning on the 2000A.

>

> 73,

> N2TK, Tony

> > _____

> > From: N2TK [mailto:tony.kaz@...]

> > Sent: Sunday, February 08, 2009 12:33 PM

> > To: 'ham_amplifiers@yahoogroups.com'

> > Subject: FW: GU74B cutaway

> >

> >

> > Finished cutting away the tube - pix posted.

> > It seems like the coating on the cathode that insulates the grid

> > from the cathode isn't evenly coated at the top. There was one area

> > that the coating wasn't present and the control grid was extremely

> > close. It took very little pressure to short the grid to the

> > cathode. Maybe this is why I was getting a grid leakage alarm when

> > the heater was turned on? Will keep the other bad tube as a small

> > door stop.

> >

> > 73,

> > N2TK, Tony

> >

> >

>

>

> [Non-text portions of this message have been removed]

>

>

>

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>

> Yahoo! Groups Links

>

>

>

Windows Live?: E-mail. Chat. Share. Get more ways to connect.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t2_allup_explore_022009

[Non-text portions of this message have been removed]

3010. Re: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-08 23:42:18 UTC
From: Dennis Vernacchia
Topic: 3007 Message: 3010

Tony,

Would also like to view photos without having to sign on to another group,
can you poist them to Picasa Web or some other
public access site or send to me and I will post

73, Dennis N6KI

On Sun, Feb 8, 2009 at 9:35 AM, N2TK <tony.kaz@...> wrote:

>
> I posted some pictures on
ham_amplifiers@yahoogroups.com<ham_amplifiers%40yahoogroups.com>of the GU74B I cut
> up. I would get a grid alarm when turning on the 2000A.
>
> 73,
> N2TK, Tony
> > _____
> > From: N2TK [mailto:tony.kaz@... <tony.kaz%40verizon.net>]
> > Sent: Sunday, February 08, 2009 12:33 PM
> > To: 'ham_amplifiers@yahoogroups.com<%27ham_amplifiers%40yahoogroups.com>
> '
> > Subject: FW: GU74B cutaway
> >
> >
> > Finished cutting away the tube - pix posted.
> > It seems like the coating on the cathode that insulates the grid from the
> > cathode isn't evenly coated at the top. There was one area that the
> > coating wasn't present and the control grid was extremely close. It took
> > very little pressure to short the grid to the cathode. Maybe this is why
> I
> > was getting a grid leakage alarm when the heater was turned on?
> > Will keep the other bad tube as a small door stop.
> >
> > 73,
> > N2TK, Tony
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

3011. Re: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-09 00:01:22 UTC
From: Paul M Dunphy
Topic: 3007 Message: 3011

At 07:42 PM 2/8/2009, you wrote:
>Tony,
>
>Would also like to view photos without having to sign on to another group,
>can you poist them to Picasa Web or some other
>public access site or send to me and I will post
>
>73, Dennis N6KI

I don't know who the moderator of this ACOM list is, but perhaps they could allow users to upload files. That way Tony could upload them here instead of sending copies to all who requested them. If this group is like other Yahoo groups, all a moderator has to do is to set it to allow members to upload files. (I saw the pictures, and they are impressive.)

73, Paul VE1DX

3012. RE: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-09 00:29:16 UTC
From: N2TK
Topic: 3007 Message: 3012

The GU74B tube pictures have been posted on this list,

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Sunday, February 08, 2009 7:01 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] FW: GU74B cutaway

At 07:42 PM 2/8/2009, you wrote:
>Tony,
>
>Would also like to view photos without having to sign on to another group,
>can you poist them to Picasa Web or some other
>public access site or send to me and I will post
>
>73, Dennis N6KI

I don't know who the moderator of this ACOM list is, but perhaps they could allow users to upload files. That way Tony could upload them here instead of sending copies to all who requested them. If this group is like other Yahoo groups, all a moderator has to do is to set it to allow members to upload files. (I saw the pictures, and they are impressive.)

73, Paul VE1DX

[Non-text portions of this message have been removed]

3013. Re: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-09 00:43:22 UTC
From: Gerry Hull
Topic: 3007 Message: 3013

Tony, open a free account on www.flikr.com -- a picture sharing site, and upload them there
for the world!!

73, Gerry W1VE

On Sun, Feb 8, 2009 at 7:29 PM, N2TK <tony.kaz@...> wrote:

> The GU74B tube pictures have been posted on this list,
>
> 73,
> N2TK, Tony
>
> -----
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Paul M Dunphy
> Sent: Sunday, February 08, 2009 7:01 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] FW: GU74B cutaway
>
>
>
> At 07:42 PM 2/8/2009, you wrote:
> >Tony,
> >
> >Would also like to view photos without having to sign on to another group,
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> upload them here instead of sending copies to all who requested
> them. If this group is like other Yahoo groups, all a moderator has
> to do is to set it to allow members to upload files. (I saw the
> pictures, and they are impressive.)
>
> 73, Paul VE1DX
>
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>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

3014. RE: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-09 16:16:56 UTC
From: Callum m0mcx
Topic: 3007 Message: 3014

Really cool pics, thanks!

Callum McCormick
http://www.m0mcx.co.uk/
65 Glendon Way, B93 8SY

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of N2TK
Sent: 09 February 2009 00:29
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] FW: GU74B cutaway

The GU74B tube pictures have been posted on this list,

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Sunday, February 08, 2009 7:01 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] FW: GU74B cutaway

At 07:42 PM 2/8/2009, you wrote:
>Tony,
>
>Would also like to view photos without having to sign on to another group,
>can you poist them to Picasa Web or some other
>public access site or send to me and I will post
>
>73, Dennis N6KI

I don't know who the moderator of this ACOM list is, but perhaps they could allow users to upload files. That way Tony could upload them here instead of sending copies to all who requested them. If this group is like other Yahoo groups, all a moderator has to do is to set it to allow members to upload files. (I saw the pictures, and they are impressive.)

73, Paul VE1DX

[Non-text portions of this message have been removed]

3015. RE: [acom-list] FW: GU74B cutaway

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-09 18:22:42 UTC
From: Bill NY9H
Topic: 3007 Message: 3015

>Really cool pics, thanks!

tnx agn

3016. TenTec Orion I and ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-10 22:03:08 UTC
From: i6qfz
Topic: 3016 Message: 3016

Hello
I have the TenTec Orion I and would like to buy the ACOM 1000.
Please tell me how do i connect ?
73 Franco I6QFZ

3017. RE: [acom-list] TenTec Orion I and ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-10 22:11:36 UTC
From: paul glassman
Topic: 3016 Message: 3017

i run my O2 into an acom 2000a. easy. on the back of the o2 is a "key 1" that trips the amp into xmit. it is adjustable so that you are not "hot switching the acom" the delay should be satisfactory so as not to need any adjustment.
paul w8jn

i6qfz wrote:
> Hello
> I have the TenTec Orion I and would like to buy the ACOM 1000.
> Please tell me how do i connect ?
> 73 Franco I6QFZ
>

3018. ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 19:51:30 UTC
From: tique
Topic: 3018 Message: 3018

I purchased a new ACOM 1000 to replace my old L4B
The exciter is a Kenwood TS940s.
I made the connection and the ACOM1000 works fine on SSB but
on CW, at first dit of the keyer, the ACOM goes into protection.
By the way, if I switch on the SEND button of the 940 before I start
handling the keyer the ACOM 1000 does not go into auto-protection.
What am I wrong ??
Thanks
Ed

3019. Re: [acom-list] ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 20:14:28 UTC
From: Paul M Dunphy
Topic: 3018 Message: 3019

At 03:51 PM 2/11/2009, you wrote:
>I purchased a new ACOM 1000 to replace my old L4B
>The exciter is a Kenwood TS940s.
>I made the connection and the ACOM1000 works fine on SSB but
>on CW, at first dit of the keyer, the ACOM goes into protection.
>By the way, if I switch on the SEND button of the 940 before I start
>handling the keyer the ACOM 1000 does not go into auto-protection.
>What am I wrong ??
>Thanks
>Ed

Sure sounds like a timing thing, Ed. I've had both (a TS-940) and an ACOM-1000, but not at the same time. My guess is that the TS-940 is sending RF out just before the relay line put the amp in transmit mode. I haven't had the TS-940 for 10 years so my memory is fuzzy as to where the amp XMIT signal comes from on the back of it. My guess is that with SSB, pressing the PTT on the MIC doesn't generate the same rapid rise in RF out (and thus RF in to the ACOM) as the first part of the CW wave rising. Just a thought. I don't know how you can get around it (or prove that this is the cause.)

Perhaps one of those external amp relay buffers between the rig and the amp, but it would be a shame to buy one if this isn't the problem. Is there anything you can adjust inside that trap door on the top of the TS-940 to change the CW timing slightly? I just can't recall how configurable the TS-940 is.

73, Paul VE1DX

3020. RE: [acom-list] ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 20:18:33 UTC
From: paul glassman
Topic: 3018 Message: 3020

is it possible that you have the drive set to high and the 940 is sending a 200 watt spike to the amp???

tique wrote:
> I purchased a new ACOM 1000 to replace my old L4B
> The exciter is a Kenwood TS940s.
> I made the connection and the ACOM1000 works fine on SSB but
> on CW, at first dit of the keyer, the ACOM goes into protection.
> By the way, if I switch on the SEND button of the 940 before I start
> handling the keyer the ACOM 1000 does not go into auto-protection.
> What am I wrong ??
> Thanks
> Ed
>

3021. Re: [acom-list] ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 21:29:22 UTC
From: Jim Cox
Topic: 3018 Message: 3021

Have you tried to drive the amp in Semi Break In instead of Full Break In?
Sounds like a timing issue with the 940 delivering power before the amp itself is keyed.
Jim K4JAF

----- Original Message -----
From: tique
To: acom-list@yahoogroups.com
Sent: Wednesday, February 11, 2009 1:51 PM
Subject: [acom-list] ACOM 1000

I purchased a new ACOM 1000 to replace my old L4B
The exciter is a Kenwood TS940s.
I made the connection and the ACOM1000 works fine on SSB but
on CW, at first dit of the keyer, the ACOM goes into protection.
By the way, if I switch on the SEND button of the 940 before I start
handling the keyer the ACOM 1000 does not go into auto-protection.
What am I wrong ??
Thanks
Ed

[Non-text portions of this message have been removed]

3022. Re: [acom-list] ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 22:00:30 UTC
From: LA7SL Nils "Peter"
Topic: 3018 Message: 3022

This could actually be two different problems....
It could be a timing problem or it could be a power spike problem in the 940.
I do not know the 940,- but a lot of rigs put out a short spike of much higher power
than the drive setting says at the first few milliseconds of TX.
CW is much more prone to do so than SSB in most rigs..for several reasons.
The protection circuitry in the Acom is very fast and will see this as overdrive and
trip the amp.
This problem is most easily fixed by applying a fixed bias to the 940's ALC input.
This will control the spike-problem...and it can be done externally at low cost.
A timing problem can be fixed by connecting a cable from key OUT on the Acom to
TX-inhibit input on 940 ...if it has this input... I assume the Acom 1000 has a key OUT
as well as the key IN that is used to put it in transmit.
Using key OUT to TX-inhibit on the rig will prevent the rig from transmitting before the
Acom
tells it all is ready.
if the 940 has no tx inhibit is should be very easy to fix this....easy job for a skilled
person.
As I do not know the 940 I can not give you specific circuitry advice on this.
It is usually just a matter of moving a wire and installing a back panel connector...or use
a "spare" one (that is: one you never use anyway)
By the way, my IC 765 and Acom 2000A shows no such problems...but others have had
it with the same combination and fixed it as described above. Should work with TS940 as
well....
73's
Peter LA7SL

----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogroups.com
Sent: Wednesday, February 11, 2009 9:14 PM
Subject: Re: [acom-list] ACOM 1000

At 03:51 PM 2/11/2009, you wrote:
>I purchased a new ACOM 1000 to replace my old L4B
>The exciter is a Kenwood TS940s.
>I made the connection and the ACOM1000 works fine on SSB but
>on CW, at first dit of the keyer, the ACOM goes into protection.
>By the way, if I switch on the SEND button of the 940 before I start
>handling the keyer the ACOM 1000 does not go into auto-protection.
>What am I wrong ??
>Thanks
>Ed

Sure sounds like a timing thing, Ed. I've had both (a TS-940)
and an ACOM-1000, but not at the same time. My guess is that the
TS-940 is sending RF out just before the relay line put the amp in

transmit mode. I haven't had the TS-940 for 10 years so my memory is fuzzy as to where the amp XMIT signal comes from on the back of it. My guess is that with SSB, pressing the PTT on the MIC doesn't generate the same rapid rise in RF out (and thus RF in to the ACOM) as the first part of the CW wave rising. Just a thought. I don't know how you can get around it (or prove that this is the cause.)

Perhaps one of those external amp relay buffers between the rig and the amp, but it would be a shame to buy one if this isn't the problem. Is there anything you can adjust inside that trap door on the top of the TS-940 to change the CW timing slightly? I just can't recall how configurable the TS-940 is.

73, Paul VE1DX

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.234 / Virus Database: 270.10.22/1946 - Release Date: 02/10/09 17:44:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.0.234 / Virus Database: 270.10.23/1947 - Release Date: 02/10/09 17:44:00

[Non-text portions of this message have been removed]

3023. RE: [acom-list] ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-11 23:46:43 UTC
From: N2TK
Topic: 3018 Message: 3023

The 940 wasn't know for a spike problem. However, the transmit relay could be slow. I like using the "transmit on" signal that is on one of the DIN plugs on the 940. Use this to drive a power mosfet. This would give you more overhead from when the 940 tells the amp to turn on and RF comes out of the 940.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of LA7SL Nils "Peter"
Sent: Wednesday, February 11, 2009 5:01 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] ACOM 1000

This could actually be two different problems....
It could be a timing problem or it could be a power spike problem in the 940.
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person.
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a "spare" one (that is: one you never use anyway)
By the way, my IC 765 and Acom 2000A shows no such problems...but others
have had
it with the same combination and fixed it as described above. Should work
with TS940 as
well....
73's
Peter LA7SL

----- Original Message -----
From: Paul M Dunphy
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Sent: Wednesday, February 11, 2009 9:14 PM
Subject: Re: [acom-list] ACOM 1000

At 03:51 PM 2/11/2009, you wrote:
>I purchased a new ACOM 1000 to replace my old L4B
>The exciter is a Kenwood TS940s.
>I made the connection and the ACOM1000 works fine on SSB but
>on CW, at first dit of the keyer, the ACOM goes into protection.
>By the way, if I switch on the SEND button of the 940 before I start
>handling the keyer the ACOM 1000 does not go into auto-protection.
>What am I wrong ??
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TS-940 is sending RF out just before the relay line put the amp in
transmit mode. I haven't had the TS-940 for 10 years so my memory is
fuzzy as to where the amp XMIT signal comes from on the back of
it. My guess is that with SSB, pressing the PTT on the MIC doesn't
generate the same rapid rise in RF out (and thus RF in to the ACOM)
as the first part of the CW wave rising. Just a thought. I don't
know how you can get around it (or prove that this is the cause.)

Perhaps one of those external amp relay buffers between the rig
and the amp, but it would be a shame to buy one if this isn't the
problem. Is there anything you can adjust inside that trap door on
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73, Paul VE1DX

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17:44:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3024. ACOM 2000a - Will it work as an antenna tuner even when barefoot (bypass mode)??

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-16 03:23:08 UTC
From: n4zaz
Topic: 3024 Message: 3024

I have a 1000, it is great! I'm considering moving up to a 2000a. In my QTH shack I'm using a straight, window line fed dipole for antenna and have a Palstar AT-Auto tuner backed by my Acom 1000 and a Flex-5000a. I can work all bands today with in barefoot with amp. Do I still need the AT-Auto if I upgrade to the 2000a and work barefoot or amp mode?
Thanks,
Randy
N4ZAZ

3025. Re: [acom-list] ACOM 2000a - Will it work as an antenna tuner even when barefoot (bypass mode)??

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-16 06:28:32 UTC
From: Hans Remeeus
Topic: 3024 Message: 3025

Hello Randy,

It depends on the SWR of your dipole whether you will need a separate
antennatuner or not.

The Acom 2000A is able to "tune" antennasystems with a SWR of <1:3.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

n4zaz schreef:
>
>
> I have a 1000, it is great! I'm considering moving up to a 2000a. In my
> QTH shack I'm using a straight, window line fed dipole for antenna and
> have a Palstar AT-Auto tuner backed by my Acom 1000 and a Flex-5000a. I
> can work all bands today with in barefoot with amp. Do I still need the
> AT-Auto if I upgrade to the 2000a and work barefoot or amp mode?
> Thanks,
> Randy
> N4ZAZ
>

3026. Re:ACOM 2000a - Will it work as an antenna tuner even when barefoot (by

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-16 13:22:10 UTC
From: Hal Kennedy
Topic: 3026 Message: 3026

Randy, The 2000A does not have a built in antenna tuner. It has a Pi-L output network like most any other amp, that will auto-tune up to about 3:1 SWR safely. The amp cannot be used as an antenna tuner, in-line or off line.
Best 73,
Hal, N4GG

[Non-text portions of this message have been removed]

3027. Interesting source for obtaining GU74B for your Acom 1000 or 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-16 19:42:09 UTC
From: Hans Remeeus
Topic: 2991 Message: 3027

Hello group,

Today I received some interesting information about another source for obtaining NOS GU74b with 100% guarantee for only 80 euro!!

Sent from Finland, so no tax inside the EU.

Mail to: ua1cce at mail.ru or have a look at www.posti.fi

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

3028. acom 1000 screen current

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-18 17:39:00 UTC
From: trevor dunne
Topic: 3007 Message: 3028

Hi All

A quick question

How much is too much screen current and what is the max grid current that is safe to run.

Thanks

Trevor

[Non-text portions of this message have been removed]

3029. Re: [acom-list] ACOM 2000a - Will it work as an antenna tuner even when barefoot (bypass mode)??

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-19 04:19:54 UTC
From: marcelo@alternex.com.br
Topic: 3024 Message: 3029

Yes. The Acom 2000A will not work as a tuner.
And even in bypass, if the SWR is too high it will beep when you transmit and ask you to reduce power. The protection circuit will sense the high voltages that come with high SWR.
Marcelo, PY1KN

I have a 1000, it is great! I'm considering moving up to a 2000a. In my QTH shack I'm using a straight, window line fed dipole for antenna and have a Palstar AT-Auto tuner backed by my Acom 1000 and a Flex-5000a. I can work all bands today with in barefoot with amp. Do I still need the AT-Auto if I upgrade to the 2000a and work barefoot or amp mode?Thanks,RandyN4ZAZ

<style type="text/css">
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<!-- #ygrp-sponsor #ygrp-lc{ font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd{ margin: 10px 0px; font-weight: bold; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad{ margin-bottom: 10px; padding: 0 0; } --> </style><style type="text/css">
<!-- #ygrp-mlmsg {font-size:13px; font-family: arial,helvetica,clean,sans-serif;*font-size:small;*font:x-small;} #ygrp-mlmsg table {font-size:inherit;font:100%;} #ygrp-mlmsg select, input, textarea {font:99% arial,helvetica,clean,sans-serif;} #ygrp-mlmsg pre, code {font:115% monospace;*font-size:100%;} #ygrp-mlmsg * {line-height:1.22em;} #ygrp-text{ font-family: Georgia; } #ygrp-text p{ margin: 0 0 1em 0; } dd.last p a { font-family: Verdana; font-weight: bold; } #ygrp-vitnav{ padding-top: 10px; font-family: Verdana; font-size: 77%; margin: 0; } #ygrp-vitnav a{ padding: 0 1px; } #ygrp-mlmsg #logo{ padding-bottom: 10px; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-reco #reco-head { font-weight: bold; color: #ff7900; } #reco-category{ font-size: 77%; } #reco-desc{ font-size: 77%; } #ygrp-vital a{ text-decoration: none; } #ygrp-vital a:hover{ text-decoration: underline; } #ygrp-sponsor #ov ul{ padding: 0 0 0 8px; margin: 0; } #ygrp-sponsor #ov li{ list-style-type: square; padding: 6px 0; font-size: 77%; } #ygrp-sponsor #ov li a{ text-decoration: none; font-size: 130%; } #ygrp-sponsor #nc{ background-color: #eee; margin-bottom: 20px; padding: 0 8px; } #ygrp-sponsor .ad{ padding: 8px 0; } #ygrp-sponsor .ad #hd1{ font-family: Arial; font-weight: bold; color: #628c2a; font-size: 100%; line-height: 122%; } #ygrp-sponsor .ad a{ text-decoration: none; } #ygrp-sponsor .ad a:hover{ text-decoration: underline; } #ygrp-sponsor .ad p{ margin: 0; } o{font-size:

0; } .MsoNormal{ margin: 0 0 0 0; } #ygrp-text tt{ font-size: 120%; }
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margin-right: 0; } div.photo-title a, div.photo-title a:active, div.photo-title
a:hover, div.photo-title a:visited { text-decoration: none; } div.file-title a,
div.file-title a:active, div.file-title a:hover, div.file-title a:visited {
text-decoration: none; } #ygrp-msg p { clear: both; padding: 15px 0 3px 0;
overflow: hidden; } #ygrp-msg p span { color: #1E66AE; font-weight: bold; }
div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana;
font-size: 10px; font-weight: normal; } #ygrp-msg p a { font-family: Verdana;
font-size: 10px; } #ygrp-mlmsg a { color: #1E66AE; } div.attach-table div
div a { text-decoration: none; } div.attach-table { width: 400px; } -->
</style>

[Non-text portions of this message have been removed]

3030. ACOM1000 tube life?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-19 09:02:47 UTC
From: Brian Alsop
Topic: 3030 Message: 3030

Purchased a used ACOM 1000. It was checked out by ACOM before put into use.

At first it operated perfectly getting nearly a KW output on all bands.
Solid 12db gain on HF with 13.5 db gain on 6M.

Usually ran at about 600-800 watts out with about 40-45 watts drive on
HF bands.

It began to require more and more power to drive on HF bands. 6M output
maxed out at about 700 watts. More drive produce a 800 ma plate current
trip. The gain dropped to 11.5 db on HF and 12db on 6M.

Purchased a checked out and burned in final from Vine electronics. It
brought back the original output levels.
(Bias was carefully adjusted by the prescribe procedure via the two pots.)

Now after about 4 months use, I'm beginning to the same problems. More
drive required on HF and 6M output dropped.

Any tube guru's out there care to comment on what might be happening.
It is used mostly on CW/RTTY.
Line voltage is 240 +/- a few volts.

73 de Brian/K3KO

3031. Re: [acom-list] ACOM1000 tube life?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-19 15:36:54 UTC
From: Paul M Dunphy
Topic: 3030 Message: 3031

At 05:02 AM 2/19/2009, you wrote:
>Purchased a used ACOM 1000. It was checked out by ACOM before put into use.
>
>At first it operated perfectly getting nearly a KW output on all bands.
>Solid 12db gain on HF with 13.5 db gain on 6M.
>
>Usually ran at about 600-800 watts out with about 40-45 watts drive on
>HF bands.
>
>It began to require more and more power to drive on HF bands. 6M output
>maxed out at about 700 watts. More drive produce a 800 ma plate current
>trip. The gain dropped to 11.5 db on HF and 12db on 6M.
>
>Purchased a checked out and burned in final from Vine electronics. It
>brought back the original output levels.
>(Bias was carefully adjusted by the prescribe procedure via the two pots.)
>
>Now after about 4 months use, I'm beginning to the same problems. More
>drive required on HF and 6M output dropped.
>
>Any tube guru's out there care to comment on what might be happening.
>It is used mostly on CW/RTTY.
>Line voltage is 240 +/- a few volts.
>
>73 de Brian/K3KO

Hi Brian,

Sounds like a case of the first tube wearing out (normal) and
the second one having been in a weakened state due to age. It tested
out fine at the store, and worked for a few months, so there would
have been no way to know ahead of time. This is exactly what I've
seen with soft tubes in other amps, anyhow. They roll off at the
higher frequencies first. I'm still on my original GU74b, but
whenever it goes, I will find out for sure if the NOS replacements I
obtained are really as good as the original. They tested out fine.
but who knows how long they will last?

I doubt if there is anything wrong with the amp itself. Try
another tube, I guess. It's frustrating. I went through seven or
eight 811A Chinese clones several years ago in an AL-811H and finally
re-tubed that amp with clone 572Bs, which fixed the problem.

As far as I know, there is no replacement for the GU74b/4CX800A
other than to try another NOS one.

73, Paul VE1DX

3032. Re: [acom-list] ACOM1000 tube life?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-20 22:37:30 UTC
From: Brian Alsop
Topic: 3030 Message: 3032

Hi Paul,

Yep, it's like trying to find a "good" used car.

When I had an ACOM-2000, ACOM replaced three bad tubes under warranty
until I finally got a good set.
The 2000 was nice but didn't have 6M. I do miss the extra 3db on RTTY
and LF bands.

What drives us usually rational people (?) to knowingly buy an new
amplifier when it is also known that the manufacturer can't supply
replacement tubes? It's insane.

73 de Brian/K3KO

Paul M Dunphy wrote:

>At 05:02 AM 2/19/2009, you wrote:
>
>
>>Purchased a used ACOM 1000. It was checked out by ACOM before put into use.
>>
>>At first it operated perfectly getting nearly a KW output on all bands.
>>Solid 12db gain on HF with 13.5 db gain on 6M.
>>
>>Usually ran at about 600-800 watts out with about 40-45 watts drive on
>>HF bands.
>>
>>It began to require more and more power to drive on HF bands. 6M output
>>maxed out at about 700 watts. More drive produce a 800 ma plate current
>>trip. The gain dropped to 11.5 db on HF and 12db on 6M.
>>
>>Purchased a checked out and burned in final from Vine electronics. It
>>brought back the original output levels.
>>(Bias was carefully adjusted by the prescribe procedure via the two pots.)
>>
>>Now after about 4 months use, I'm beginning to the same problems. More
>>drive required on HF and 6M output dropped.
>>
>>Any tube guru's out there care to comment on what might be happening.
>>It is used mostly on CW/RTTY.
>>Line voltage is 240 +/- a few volts.
>>
>>73 de Brian/K3KO
>>
>>

>
>Hi Brian,
>
> Sounds like a case of the first tube wearing out (normal) and
>the second one having been in a weakened state due to age. It tested
>out fine at the store, and worked for a few months, so there would
>have been no way to know ahead of time. This is exactly what I've
>seen with soft tubes in other amps, anyhow. They roll off at the
>higher frequencies first. I'm still on my original GU74b, but
>whenever it goes, I will find out for sure if the NOS replacements I
>obtained are really as good as the original. They tested out fine.
>but who knows how long they will last?
>
> I doubt if there is anything wrong with the amp itself. Try
>another tube, I guess. It's frustrating. I went through seven or
>eight 811A Chinese clones several years ago in an AL-811H and finally
>re-tubed that amp with clone 572Bs, which fixed the problem.
>
> As far as I know, there is no replacement for the GU74b/4CX800A
>other than to try another NOS one.
>
>73, Paul VE1DX
>
>
>
>

3033. Re: [acom-list] ACOM1000 tube life?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-02-21 01:27:46 UTC
From: Paul M Dunphy
Topic: 3030 Message: 3033

At 06:37 PM 2/20/2009, you wrote:
>Hi Paul,
>
>Yep, it's like trying to find a "good" used car.
>
>When I had an ACOM-2000, ACOM replaced three bad tubes under warranty
>until I finally got a good set.
>The 2000 was nice but didn't have 6M. I do miss the extra 3db on RTTY
>and LF bands.
>
>What drives us usually rational people (?) to knowingly buy an new
>amplifier when it is also known that the manufacturer can't supply
>replacement tubes? It's insane.
>
>73 de Brian/K3KO

Well . . . I dunno! I did a lot of research and it seemed to me that ACOM-1000s and been bounced off rocks from DXpeditions where it was -40 C to others where it was +40 C and it kept on ticking. I looked at the competitors who sold comparable quality amps but that had $1000+ priced tubes (like Eimacs.) At the time, there were tons of $100 NOS GU74bs . . . you could literally buy 10 NOS GU74b tubes for the price of a single 8877, for example.

Soon after I got mine, the supply of NOS GU74b tubes dried up, Why and how badly has been discussed to death here and elsewhere. The fact remains you can't get a brand new one straight out of the factory, and I don't care what anyone says to the contrary. You can't.

However, it's a fairly small price to pay (in my view, anyhow) for otherwise the best amp on the market. I loaded up on NOS tubes soon after I got it and I *think* I have enough spares to last me the rest of my days. If one or two of them fail, then it's still cheaper than a 8877 or a 3CX800A7 by a factor of 8-10. Sure, it will be frustrating to have one of those last just a few months and another last 5 years, but that's the way all NOS tubes are.

In 1991 I had a TenTec Centurion. Eimac stopped making 3-500Zs shortly after I got it. So . . . I tried the NOS market and got a couple of Amperex ones. They turned out to be OK. Sold it to a fellow DXer and he's stuck now buying Chinese clone 3-500Zs. They (like ALL glass tubes) have a half life of a month! There is no permanent solution.

As far as the 1000 goes compared to the 2000, I would love to have an auto-tune amp that put out 2000+ watts, but it's just too expensive, and like everything else, the failure rate is directly proportional to the number of parts. I still believe the ACOM-1000 is the best buy of any amp on the market today taking all factors into consideration. There are places were a 2000 is "necessary", like contest stations that need to click on a spot for a multiplier on another band and be there in 100 milliseconds, all tuned and ready to go. I'm a DXer, not a contester, and I can afford the 10 second delay to switch bands. The extra power would be nice, especially on the low bands, but I can usually get through with 1000 watts.

A lot of rambling here. but the bottom line is playing around to get a good NOS GU7b is a weakness with ACOM amps . . . and about the only one I see. For me it isn't a show stopper.

73, Paul VE1DX

3034. Acom 1000 and TenTec Orion I

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 07:41:03 UTC
From: i6qfz
Topic: 3034 Message: 3034

Hello everyone
I have a question about the connection between the Orion I and Acom 1000 PA.
More specifically if you have only used the connector Key In on the Acom and AMP KEY 1 on the Orion or if it is better to use the pair of connectors
TX OUT 1 / TX EN 1 on the Orion and Key In and Key Out on the Acom.
From what I read on the manuals of these devices would appear that the second solution is better for QSK.
Thanks
Franco I6QFZ

3035. Re: [acom-list] Acom 1000 and TenTec Orion I

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 13:55:53 UTC
From: Jim Cox
Topic: 3034 Message: 3035

Yes.

----- Original Message -----
From: i6qfz
To: acom-list@yahoogroups.com
Sent: Thursday, March 05, 2009 1:41 AM
Subject: [acom-list] Acom 1000 and TenTec Orion I

Hello everyone
I have a question about the connection between the Orion I and Acom 1000 PA.
More specifically if you have only used the connector Key In on the Acom and AMP KEY 1 on the Orion or if it is better to use the pair of connectors
TX OUT 1 / TX EN 1 on the Orion and Key In and Key Out on the Acom.
From what I read on the manuals of these devices would appear that the second solution is better for QSK.
Thanks
Franco I6QFZ

[Non-text portions of this message have been removed]

3036. K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 19:24:54 UTC
From: KD3TB
Topic: 3036 Message: 3036

I am looking at purchasing a K3 and interested in anyone who has connected to the Acom 1000. How have they connected and if they have had any problems with "Hot Switching"?

Thanks, KD3TB

KD3TB

Irwin Darack

[Non-text portions of this message have been removed]

3037. Re: [acom-list] K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 22:00:22 UTC
From: Dennis Vernacchia
Topic: 3036 Message: 3037

Yes,

Had no problems

73, Dennis N6KI

On Thu, Mar 5, 2009 at 11:24 AM, KD3TB <idarack@...> wrote:

> I am looking at purchasing a K3 and interested in anyone who has
> connected
> to the Acom 1000. How have they connected and if they have had any problems
> with "Hot Switching"?
>
> Thanks, KD3TB
>
> KD3TB
>
> Irwin Darack
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

3038. RE: [acom-list] K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 22:16:48 UTC
From: KD3TB
Topic: 3036 Message: 3038

Thank you very much.

Irwin

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Dennis Vernacchia
Sent: Thursday, March 05, 2009 5:00 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] K3 and Acom 1000

Yes,

Had no problems

73, Dennis N6KI

On Thu, Mar 5, 2009 at 11:24 AM, KD3TB <idarack@...
<mailto:idarack%40gmail.com> > wrote:

> I am looking at purchasing a K3 and interested in anyone who has
> connected
> to the Acom 1000. How have they connected and if they have had any
problems
> with "Hot Switching"?
>
> Thanks, KD3TB
>
> KD3TB
>
> Irwin Darack
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3039. Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 22:43:06 UTC
From: gary pearse
Topic: 3036 Message: 3039

--- In acom-list@yahoogroups.com, "KD3TB" <idarack@...> wrote:
>
> I am looking at purchasing a K3 and interested in anyone who has connected
> to the Acom 1000. How have they connected and if they have had any problems
> with "Hot Switching"?
> Thanks, KD3TB
> KD3TB
>
> Irwin Darack
>

Hello Irwin. I've had my K3 and ACOM 1K working together since 12/08 with no major issues using either QSK or regular delay. I use the standard menu settings on the K3 for amp operation, and no K3-ACOM ALC control cable as recommended.

The only issue is that the K3 is currently prone to periodic power spikes from a lack of internal ALC control under these conditions:

1. Doing a SWR sweep across the band in SSB, CW, or DATA mode, w or wo the amp connected. That operation generates a power pulse from the K3 every 5-7KHz as the ALC responds to changes in LC by frequency.

2. Driving the K3 with a remote foot switch plugged into the rear straight key port while in SSB mode and CONFIG:SSB+CW enabled, and adjusting the K3 output power to tune the amp. Only use the TUNE button for now in SSB mode. However that method works ok in CW or DATA modes. Elecraft is aware of these spikes and may fix.

In other words, don't run the amp (or any amp) in power mode (switch to standby) while doing the above as it doesn't like the K3 generated temporary power spikes.

73 Gary NL7Y

3040. RE: [acom-list] Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-05 22:54:22 UTC
From: KD3TB
Topic: 3036 Message: 3040

Gale,

Thanks for your feedback. Greatly appreciated.

Where do I purchase or get a schematic to build the K3-Acom ALC cable you mentioned. I hope to use the K3 tune button to tune my amp and for my auto tuner with it set for a power of less than 50w. I am do a lot of contesting and will quickly change bands to chase mult's.

Thanks, Irwin

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of gary pearse
Sent: Thursday, March 05, 2009 5:43 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: K3 and Acom 1000

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> , "KD3TB" <idarack@...> wrote:
>
> I am looking at purchasing a K3 and interested in anyone who has connected
> to the Acom 1000. How have they connected and if they have had any problems
> with "Hot Switching"?
> Thanks, KD3TB
> KD3TB
>
> Irwin Darack
>

Hello Irwin. I've had my K3 and ACOM 1K working together since 12/08 with no major issues using either QSK or regular delay. I use the standard menu settings on the K3 for amp operation, and no K3-ACOM ALC control cable as recommended.

The only issue is that the K3 is currently prone to periodic power spikes from a lack of internal ALC control under these conditions:

1. Doing a SWR sweep across the band in SSB, CW, or DATA mode, w or wo the amp connected. That operation generates a power pulse from the K3 every 5-7KHz as the ALC responds to changes in LC by frequency.

2. Driving the K3 with a remote foot switch plugged into the rear straight key port while in SSB mode and CONFIG:SSB+CW enabled, and adjusting the K3 output power to tune the amp. Only use the TUNE button for now in SSB mode. However that method works ok in CW or DATA modes. Elecraft is aware of these spikes and may fix.

In other words, don't run the amp (or any amp) in power mode (switch to standby) while doing the above as it doesn't like the K3 generated temporary power spikes.

73 Gary NL7Y

[Non-text portions of this message have been removed]

3041. Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-06 02:05:59 UTC
From: gary pearse
Topic: 3036 Message: 3041

--- In acom-list@yahoogroups.com, "KD3TB" <idarack@...> wrote:
>
> Gale,
>
>
>
> Thanks for your feedback. Greatly appreciated.
>
>
>
> Where do I purchase or get a schematic to build the K3-Acom ALC cable you
> mentioned. I hope to use the K3 tune button to tune my amp and for my auto
> tuner with it set for a power of less than 50w. I am do a lot of contesting
> and will quickly change bands to chase mult's.
>
>
>
> Thanks, Irwin
>
Hello Irwin. No interconnecting ALC cable is required between the K3 and ACOM 1000. The ALC problems I refer to are internal to the K3, and control the K3's PA output. The K3 manual does address an ALC inter-connect cable if you wish to operate with one for some reason between the rig and the amp. Read Elecraft and ACOM's cautions and recommendations.

The issues of concern are power spikes from the K3 that upset the amp via overdrive when operating only under the conditions I described. Avoid the conditions, and you will have no problems.

73 Gary NL7Y

3042. plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-15 22:25:19 UTC
From: ea1evr
Topic: 3042 Message: 3042

Hello:

Today my ACOM 1000 fault. On 7 Mhz i can´t excite the amplifier with more than 36 watts. This power generate (after turning on the amplifier) a Plate current= 700 mA and forward Power=892 Watts (swr 1:1). If i try to axcite the amplifier with more power, the "Warning: plate XXXmA" come on the display (current over 700 mA) and one time an "Autoprotection SB06" alarm turn the linear off .
In other bandas the amplifier works well, it fault only on 7 Mhz. I bought the amplifier 3 months ago, so the tube is OK.
Any idea about this bug?

Best regards

EA1EVR - JAVI -

3043. Re: [acom-list] plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-15 22:35:41 UTC
From: Paul M Dunphy
Topic: 3042 Message: 3043

At 07:25 PM 3/15/2009, you wrote:
>Hello:
>
> Today my ACOM 1000 fault. On 7 Mhz i can´t
> excite the amplifier with more than 36 watts.
> This power generate (after turning on the
> amplifier) a Plate current= 700 mA and forward
> Power=892 Watts (swr 1:1). If i try to axcite
> the amplifier with more power, the "Warning:
> plate XXXmA" come on the display (current over
> 700 mA) and one time an "Autoprotection SB06" alarm turn the linear off .
> In other bandas the amplifier works well, it
> fault only on 7 Mhz. I bought the amplifier 3 months ago, so the tube is OK.
> Any idea about this bug?
>
> Best regards
>
> EA1EVR - JAVI -

Javi,

This is just a guess, but I had a similar
problem on 50-MHz and it was RF getting into the
amp. It sounds strange, but the cure was an RF
toriod on the AC MAINS power cord. The RF was
causing the microprocessor to act up. (i.e. the
microprocessor may be fooled into thinking the
plate current is too high when it really is
not.) Make sure the amp is well grounded and try
all sorts of RF suppression. Even a coaxial
choke "balun" at the antenna feed point could be the solution.

If it is not RF, then it is best to talk to
ACOM as it is still under warranty.

73, Paul VE1DX

3044. Re: plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-16 10:03:59 UTC
From: Uffe Lindhardt
Topic: 3042 Message: 3044

Are you using the tuning indicator to provide a proper loading of the PA ?

This sounds like the kind of error you could get if you were tuning for max. gain.

You should not vary the input power to the PA, but rather use the attenuator when tuning. When you switch in the attenuator the tuning indicator shows automatically.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "ea1evr" <ea1evr@...> wrote:
>
> Hello:
>
> Today my ACOM 1000 fault. On 7 Mhz i can´t excite the amplifier with more than 36 watts. This power generate (after turning on the amplifier) a Plate current= 700 mA and forward Power=892 Watts (swr 1:1). If i try to axcite the amplifier with more power, the "Warning: plate XXXmA" come on the display (current over 700 mA) and one time an "Autoprotection SB06" alarm turn the linear off .
> In other bandas the amplifier works well, it fault only on 7 Mhz. I bought the amplifier 3 months ago, so the tube is OK.
> Any idea about this bug?
>
> Best regards
>
> EA1EVR - JAVI -
>

3045. Re: plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-16 21:55:42 UTC
From: ea1evr
Topic: 3042 Message: 3045

Hello:

I think it will not be caused by RF. 3 moths working OK and now not..... It it grounded (cheked all conexions) and there are five TDK ZCAT3035-1330 ferrites on the AC power cord. I use the tunning indicator to load the PA, and for the load i use 20 Wtts from a kenwood TS 480 SAT (the ACOM menu displays 17-18 Wtts) after that i put the transceiver in RX, change the output power to 50 Wtts and Adjust again the PA. I use this power to excite the PA (Kenwood=50 Wtts and ACOM said "drive RF power 47 Wtts").
It generate 1 Kw on all bands.
I checked all bands and work s correctly, but the bug is in 7 Mhz and 10 Mhz..... THE SAME SWITCH POSITION. On 7 mhz and monoband rotatable dipole and 10 Mhz inverted V dipole Monoband i found the same problem..... Maybe it will be in the specific circuit for 7,10 Mhz.....
if i move the triangule (on the tunnig indicator) a little bit to the right of the center using the LOAD Knob, the plate current goes down and i can use more drive rf power, but the Pa is not loaded correctly.
I will email the dealer, meabe they have an good idea of the bug......
Best regards.
EA1EVR - Javi -

--- In acom-list@yahoogroups.com, "Uffe Lindhardt" <pa5dd@...> wrote:
>
> Are you using the tuning indicator to provide a proper loading of the PA ?
>
> This sounds like the kind of error you could get if you were tuning for max. gain.
>
> You should not vary the input power to the PA, but rather use the attenuator when tuning. When you switch in the attenuator the tuning indicator shows automatically.
>
> 73 Uffe PA5DD
>
>
> --- In acom-list@yahoogroups.com, "ea1evr" <ea1evr@> wrote:
> >
> > Hello:
> >
> > Today my ACOM 1000 fault. On 7 Mhz i can´t excite the amplifier with more than 36 watts. This power generate (after turning on the amplifier) a Plate current= 700 mA and forward Power=892 Watts (swr 1:1). If i try to axcite the amplifier with more power, the "Warning: plate XXXmA" come on the display (current over 700 mA) and one time an "Autoprotection SB06" alarm turn the linear off .
> > In other bandas the amplifier works well, it fault only on 7 Mhz. I bought the amplifier 3 months ago, so the tube is OK.
> > Any idea about this bug?
> >

> > Best regards
> >
> > EA1EVR - JAVI -
> >
>

3046. Re: [acom-list] Re: plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-16 22:01:51 UTC
From: Dennis Vernacchia
Topic: 3042 Message: 3046

To verify whether it IS or IS NOT a RF Problem, just connect amplifier
with a short and well shielded and correctly soldered coax jumper
to a 50 Ohm Dummy Load capable or handling full RF Out of the ACOM Amp !

73, Dennis N6KI

On Mon, Mar 16, 2009 at 2:55 PM, ea1evr <ea1evr@...> wrote:

> Hello:
>
> I think it will not be caused by RF. 3 moths working OK and now not..... It
> it grounded (cheked all conexions) and there are five TDK ZCAT3035-1330
> ferrites on the AC power cord.
> I use the tunning indicator to load the PA, and for the load i use 20 Wtts
> from a kenwood TS 480 SAT (the ACOM menu displays 17-18 Wtts) after that i
> put the transceiver in RX, change the output power to 50 Wtts and Adjust
> again the PA. I use this power to excite the PA (Kenwood=50 Wtts and ACOM
> said "drive RF power 47 Wtts").
> It generate 1 Kw on all bands.
> I checked all bands and work s correctly, but the bug is in 7 Mhz and 10
> Mhz..... THE SAME SWITCH POSITION. On 7 mhz and monoband rotatable dipole
> and 10 Mhz inverted V dipole Monoband i found the same problem..........
> Maybe it will be in the specific circuit for 7,10 Mhz.....
> if i move the triangule (on the tunnig indicator) a little bit to the right
> of the center using the LOAD Knob, the plate current goes down and i can use
> more drive rf power, but the Pa is not loaded correctly.
> I will email the dealer, meabe they have an good idea of the bug......
> Best regards.
> EA1EVR - Javi -
>
>
> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "Uffe
> Lindhardt" <pa5dd@...> wrote:
> >
> > Are you using the tuning indicator to provide a proper loading of the PA
> ?
> >
> > This sounds like the kind of error you could get if you were tuning for
> max. gain.
> >
> > You should not vary the input power to the PA, but rather use the
> attenuator when tuning. When you switch in the attenuator the tuning
> indicator shows automatically.
> >
> > 73 Uffe PA5DD
> >

> >
> > --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "ea1evr"
> <ea1evr@> wrote:
> > >
> > > Hello:
> > >
> > > Today my ACOM 1000 fault. On 7 Mhz i can´t excite the amplifier with
> more than 36 watts. This power generate (after turning on the amplifier) a
> Plate current= 700 mA and forward Power=892 Watts (swr 1:1). If i try to
> axcite the amplifier with more power, the "Warning: plate XXXmA" come on the
> display (current over 700 mA) and one time an "Autoprotection SB06" alarm
> turn the linear off .
> > > In other bandas the amplifier works well, it fault only on 7 Mhz. I
> bought the amplifier 3 months ago, so the tube is OK.
> > > Any idea about this bug?
> > >
> > > Best regards
> > >
> > > EA1EVR - JAVI -
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

3047. Re: plate current warning.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-03-17 06:54:05 UTC
From: gary pearse
Topic: 3042 Message: 3047

--- In acom-list@yahoogroups.com, "ea1evr" <ea1evr@...> wrote:
>
> Hello:
>
> Today my ACOM 1000 fault. On 7 Mhz i can´t excite the amplifier with more than 36 watts. This power generate (after turning on the amplifier) a Plate current= 700 mA and forward Power=892 Watts (swr 1:1). If i try to axcite the amplifier with more power, the "Warning: plate XXXmA" come on the display (current over 700 mA) and one time an "Autoprotection SB06" alarm turn the linear off .
> In other bandas the amplifier works well, it fault only on 7 Mhz. I bought the amplifier 3 months ago, so the tube is OK.
> Any idea about this bug?
>
> Best regards
>
> EA1EVR - JAVI -
>

My ACOM 1000 does not like more than approximately 700 mA plate current. I try to run it at 650 or less via the plate current monitoring mode, or the Tuning indicator. The amp may prefer a load that may not be 1:1 SWR for some reason according to ACOM for max out. No bugs, just the way they perform in my experience.

Gary NL7Y

3048. Seven years old ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-01 07:35:55 UTC
From: hubert.hamacher
Topic: 3048 Message: 3048

Hello,

i have a question. I have a offer: i can buy a 2000A seven years old (year 2002). The price should be 4600 dollar.

What you mean, is this a great risque?????

73! Hubert, DJ9JX

3049. Re: [acom-list] Seven years old ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-01 07:41:35 UTC
From: Dennis Vernacchia
Topic: 3048 Message: 3049

Sounds a bit high on the price unless the owner has replaced the 4CX800A (GU-74B) tubes in it or gives you a spare set

Also, if you work CW, sometime in 2002, ACOM isolated the Vacuum Relay and made absolutely QUIET QSK as opposed to earlier year models 1999 to 2001 and maybe early 2002 where QSK mode was VERY NOISEY with much clicking noise from the output relay

The price of Used ACOM 2000A models has gone up almost $1000 (U.S.) ever since ACOM raised prices over the past 3 years

Last I heard, a NEW 2000A was $6800 (U.S.) !

73, Dennis N6KI

On Wed, Apr 1, 2009 at 12:35 AM, hubert.hamacher <DJ9JX@...> wrote:

> Hello,
>
> i have a question. I have a offer: i can buy a 2000A seven years old (year
> 2002). The price should be 4600 dollar.
>
> What you mean, is this a great risque?????
>
> 73! Hubert, DJ9JX
>
>
>

[Non-text portions of this message have been removed]

3050. FS: ACOM 2000S / 2000SW Antenna switch

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-05 18:20:28 UTC
From: Henry Ingwersen, KT1J
Topic: 3050 Message: 3050

For Sale: ACOM 2000SW 10 position remote antenna switch and ACOM 2000S automatic antenna selector. Purchased, tested, but never installed. $500 plus shipping from Vermont, USA. 'Will ship worldwide.

Henry, KT1J (PA0AFN)

[Non-text portions of this message have been removed]

3051. RE: [acom-list] FS: ACOM 2000S / 2000SW Antenna switch

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-06 01:58:06 UTC
From: AB2E Darrell
Topic: 3050 Message: 3051

Greetings Henry,

I will purchase it for $500.

Reply to ab2e@...

73 Darrell AB2E

Monroeville NJ 08343

To: acom-list@yahoogroups.com
From: kt1j@...
Date: Sun, 5 Apr 2009 14:20:28 -0400
Subject: [acom-list] FS: ACOM 2000S / 2000SW Antenna switch

For Sale: ACOM 2000SW 10 position remote antenna switch and ACOM 2000S automatic antenna selector. Purchased, tested, but never installed. $500 plus shipping from Vermont, USA. 'Will ship worldwide.

Henry, KT1J (PA0AFN)

[Non-text portions of this message have been removed]

_____
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[Non-text portions of this message have been removed]

3052. RE: [acom-list] FS: ACOM 2000S / 2000SW Antenna switch/apologies

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-06 12:55:52 UTC
From: AB2E Darrell
Topic: 3050 Message: 3052

My apologies to the list, I only meant to reply directly to Henry, not the list.

73 Darrell AB2E

To: acom-list@yahoogroups.com
From: kt1j@madriver.com
Date: Sun, 5 Apr 2009 14:20:28 -0400
Subject: [acom-list] FS: ACOM 2000S / 2000SW Antenna switch

For Sale: ACOM 2000SW 10 position remote antenna switch and ACOM 2000S automatic antenna selector. Purchased, tested, but never installed. $500 plus shipping from Vermont, USA. 'Will ship worldwide.

Henry, KT1J (PA0AFN)

[Non-text portions of this message have been removed]

_____
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[Non-text portions of this message have been removed]

3053. Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-06 19:32:57 UTC
From: oh2bps
Topic: 3053 Message: 3053

Hi All

Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.

I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.

So, assure me that Acom 1000 is so silent that my PC is topping it :)

Anyone - AL80B vs 1000?

Best 73
Ben

3054. Re: [acom-list] Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-06 19:40:39 UTC
From: Franki ON5ZO
Topic: 3053 Message: 3054

> So, assure me that Acom 1000 is so silent that my PC is topping it :)

Since I put an extra blower in my PC case it makes much more noise than the ACOM 1000.
The amp is really quiet for a kW amp and the fan speed is always constant no matter what mode or keying cycle.

- Franki ON5ZO
http://on5zo.spaces.live.com/

3055. Re: [acom-list] Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-06 19:45:39 UTC
From: Jim Cox
Topic: 3053 Message: 3055

The fan in the 80B is fairly quiet but the relay noise will drive you nuts...
The 1000 will be working long after the 80B has expired..
Jim K4JAF

----- Original Message -----
From: oh2bps
To: acom-list@yahoogroups.com
Sent: Monday, April 06, 2009 2:32 PM
Subject: [acom-list] Assure me the silence of 1000

Hi All

Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.

I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.

So, assure me that Acom 1000 is so silent that my PC is topping it :)

Anyone - AL80B vs 1000?

Best 73
Ben

[Non-text portions of this message have been removed]

3056. Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-07 04:24:12 UTC
From: Hans , PA3HGT
Topic: 3053 Message: 3056

AL80b versus a Acom 1000 ??? That's unfair to compare, HI

--- In acom-list@yahoogroups.com, "oh2bps" <oh2bps@...> wrote:
>
>
> Hi All
>
> Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.
>
> I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.
>
> So, assure me that Acom 1000 is so silent that my PC is topping it :)
>
> Anyone - AL80B vs 1000?
>
> Best 73
> Ben
>

3057. RE: [acom-list] Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-07 10:06:22 UTC
From: Robert Naumann
Topic: 3053 Message: 3057

Acom 1000 is very low noise, compared to a budget amp like AL80B, but it is not "silent". There is no high power RF amplifier that is silent. Big fans that move a lot of air make noise. If you don't want to hear the noise, get an Acom 2000A and remote mount the RF deck away from your shack so you won't hear it.

Use headphones.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans , PA3HGT
Sent: Monday, April 06, 2009 11:24 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Assure me the silence of 1000

AL80b versus a Acom 1000 ??? That's unfair to compare, HI

--- In acom-list@yahoogroups.com, "oh2bps" <oh2bps@...> wrote:
>
>
> Hi All
>
> Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.
>
> I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.
>
> So, assure me that Acom 1000 is so silent that my PC is topping it :)
>
> Anyone - AL80B vs 1000?
>
> Best 73
> Ben
>

Yahoo! Groups Links

3058. Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-07 15:12:34 UTC
From: oh2bps
Topic: 3053 Message: 3058

--- In acom-list@yahoogroups.com, "oh2bps" <oh2bps@...> wrote:
>
>
> Hi All
>
> Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.
>
> I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.
>
> So, assure me that Acom 1000 is so silent that my PC is topping it :)
>
> Anyone - AL80B vs 1000?
>
> Best 73
> Ben
>

OK guys.... Seems that A1000 has enough low fan noise levels compared to my previous SB-220.

I can take a steady low/lowish noise from the amp but not from the rig, especially when purely RX'ing (bye bye ft2000) :)

I think my choise is now clear - TNX
73 Ben

3059. Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-12 11:53:04 UTC
From: pe1czg
Topic: 3059 Message: 3059

Hi all,

This morning I had a strange failuer with my acom 1000: after the 2.5 min heating period I got A SB0 something error on the display and the unit was shutting itself down. I only could see the SB0 and it was too fast to see the rest. The auto signature was: 1ASB2B. Anyone know what this means and also where could I find the excel application from Acom to "decode" the signatures? I can email ACOM but maybe someone has it alreday and could forward it to me.

Thanks, 73's Ger PE1CZG

3060. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-12 12:11:08 UTC
From: stevehurstg8lik2003
Topic: 3059 Message: 3060

Ger,
According to the downloaded handbook I have with me-your indication 1ASB2B
1A is the event that is being reported
SB2 means tests made during standby after the warmup period
B means output relay closed

I think its trying to tell you the vacuum relay is faulty,at least thats my interpretation.
Good luck!

regards, Steve G8LIK

3061. RE: [acom-list] Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-12 12:16:47 UTC
From: Robert Naumann
Topic: 3059 Message: 3061

Perhaps just his PTT line is closed? Easy enough to test.

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of stevehurstg8lik2003
Sent: Sunday, April 12, 2009 7:11 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 1000 failure

Ger,
According to the downloaded handbook I have with me-your indication
1ASB2B
1A is the event that is being reported
SB2 means tests made during standby after the warmup period
B means output relay closed

I think its trying to tell you the vacuum relay is faulty,at least thats my interpretation.
Good luck!

regards, Steve G8LIK

Yahoo! Groups Links

3062. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-12 12:42:39 UTC
From: stevehurstg8lik2003
Topic: 3059 Message: 3062

Bob, yes indeed!
However if the relay is faulty and out of warranty I note that Max Gain Systems in the USA sell brand new Gigavac GH-1 26V coil vacuum relays,the equivalent to whats in the Acom at $69.
I know they ship fast internationally +reliably as I bought some ex equipment but hi pot tested (Jennings) spares from there before....just in case.

73's Steve

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
>
> Perhaps just his PTT line is closed? Easy enough to test.

3063. RE: [acom-list] Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 02:33:49 UTC
From: Michael Minor
Topic: 3053 Message: 3063

Hi Ben How much power will the AL80B do on six meters? Enought said hi hi WD5USA

To: acom-list@yahoogroups.com
From: oh2bps@...
Date: Tue, 7 Apr 2009 15:12:34 +0000
Subject: [acom-list] Re: Assure me the silence of 1000

--- In acom-list@yahoogroups.com, "oh2bps" <oh2bps@...> wrote:
>
>
> Hi All
>
> Please folks. I've read the reviews and found that Acom 1000 is very silent amp and I really need one that is silent.
>
> I have heard people say that this xxxx is so silent that one can't hear it but placing ear on the rig.... well, my piece of that rig must have been a lemon - it was like a leaf blower.
>
> So, assure me that Acom 1000 is so silent that my PC is topping it :)
>
> Anyone - AL80B vs 1000?
>
> Best 73
> Ben
>

OK guys.... Seems that A1000 has enough low fan noise levels compared to my previous SB-220.

I can take a steady low/lowish noise from the amp but not from the rig, especially when purely RX'ing (bye bye ft2000) :)

I think my choise is now clear - TNX
73 Ben

_____
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http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Mobile1_042009

[Non-text portions of this message have been removed]

3064. Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 08:07:43 UTC
From: oh2bps
Topic: 3053 Message: 3064

--- In acom-list@yahoogroups.com, Michael Minor <nh6cj@...> wrote:
>
>
> Hi Ben How much power will the AL80B do on six meters? Enought said hi hi WD5USA
>
>

Quite right.

I have placed my order and in a couple of weeks A1000 will be here and the fun begings :)

73 Ben

cu on 20

3065. Re: Assure me the silence of 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 08:40:28 UTC
From: Hans , PA3HGT
Topic: 3053 Message: 3065

Ben,

Congrats with your order .
For the fun really starts look at my page www.pa3hgt.nl and you will find the Acom 1000 section with a lot of photo's !

Welcome to the club.

Hans,PA3HGT

--- In acom-list@yahoogroups.com, "oh2bps" <oh2bps@...> wrote:
>
> --- In acom-list@yahoogroups.com, Michael Minor <nh6cj@> wrote:
> >
> >
> > Hi Ben How much power will the AL80B do on six meters? Enought said hi hi WD5USA
> >
> >
>
>
> Quite right.
>
> I have placed my order and in a couple of weeks A1000 will be here and the fun begings :)
>
> 73 Ben
>
> cu on 20
>

3066. 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 13:48:44 UTC
From: N2TK
Topic: 3066 Message: 3066

Every once in a while I get the following message:

"ant. relay closed: it should be open".

Any ideas? Is this the input or vacuum output relay going bad? Any recommendations of parts I can check or change before it becomes a constant problem?

Tnx
73,
N2TK, Tony

[Non-text portions of this message have been removed]

3067. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 14:00:32 UTC
From: Barry N1EU
Topic: 3066 Message: 3067

Sounds like the vacuum relay. You should contact Acom for help in how
to proceed.

73,
Barry N1EU

On Mon, Apr 13, 2009 at 9:48 AM, N2TK <tony.kaz@verizon.net> wrote:
>
>
>
> Every once in a while I get the following message:
>
> "ant. relay closed: it should be open".
>
> Any ideas? Is this the input or vacuum output relay going bad? Any
> recommendations of parts I can check or change before it becomes a constant
> problem?
>
> Tnx
> 73,
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

3068. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 15:28:05 UTC
From: N2TK
Topic: 3066 Message: 3068

Tnx Barry. Will contact Acom.
I suspect one of the two relays. Maybe a good idea to replace both while the cover is off.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, April 13, 2009 10:01 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - relay alarm

Sounds like the vacuum relay. You should contact Acom for help in how to proceed.

73,
Barry N1EU

On Mon, Apr 13, 2009 at 9:48 AM, N2TK <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> wrote:
>
>
>
> Every once in a while I get the following message:
>
> "ant. relay closed: it should be open".
>
> Any ideas? Is this the input or vacuum output relay going bad? Any
> recommendations of parts I can check or change before it becomes a constant
> problem?
>
> Tnx
> 73,
> N2TK, Tony
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

3069. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 16:08:58 UTC
From: Thomas Herrmann
Topic: 3066 Message: 3069

hello Tony,
same failure here. Within the very last minutes of VK9m activity, the relay stuck after several failure messages that appeared from time to time and went off after switching between STandBye and USeR.
So I need the procedure also. Please keep me informed how to replace the relay(s).
Thank You in advance.
73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: "N2TK" <tony.kaz@...>
> Gesendet: 13.04.09 17:28:36
> An: <acom-list@yahoogroups.com>
> Betreff: RE: [acom-list] 2000A - relay alarm

> Tnx Barry. Will contact Acom.
> I suspect one of the two relays. Maybe a good idea to replace both
> while the
> cover is off.
>
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Barry N1EU
> Sent: Monday, April 13, 2009 10:01 AM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A - relay alarm
>
> Sounds like the vacuum relay. You should contact Acom for help in how
> to proceed.
>
> 73,
> Barry N1EU
>
> On Mon, Apr 13, 2009 at 9:48 AM, N2TK <tony.kaz@verizon.
> <mailto:tony.kaz%40verizon.net> net> wrote:
> >
> >
> >
> > Every once in a while I get the following message:
> >
> > "ant. relay closed: it should be open".

> >
> > Any ideas? Is this the input or vacuum output relay going bad? Any
> > recommendations of parts I can check or change before it becomes a
> constant
> > problem?
> >
> > Tnx
> > 73,
> > N2TK, Tony
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

_____
GRATIS für alle WEB.DE-Nutzer: Die maxdome Movie-FLAT!
Jetzt freischalten unter http://movieflat.web.de

3070. Re: 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 16:21:21 UTC
From: N1EU
Topic: 3066 Message: 3070

--- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@...> wrote:

> So I need the procedure also. Please keep me informed how to replace the relay(s).

It would be appreciated if anyone who receives the 2000A relay replacement instructions from Acom post them to the Files section at the Acom-list Yahoo Group site (http://groups.yahoo.com/group/acom-list/files/).

73,
Barry N1EU

3071. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 17:51:38 UTC
From: k2qmf@juno.com
Topic: 3066 Message: 3071

Tony,

I have had that happen to my 2000A three times...

It has always been the vacuum relay...

73,
Ted K2QMF

On Mon, 13 Apr 2009 09:48:44 -0400 "N2TK" <tony.kaz@...> writes:
>
> Every once in a while I get the following message:
>
> "ant. relay closed: it should be open".
>
> Any ideas? Is this the input or vacuum output relay going bad? Any
> recommendations of parts I can check or change before it becomes a
> constant
> problem?
>
> Tnx
> 73,
> N2TK, Tony
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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3072. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-13 19:14:06 UTC
From: N2TK
Topic: 3066 Message: 3072

Tnx Ted,
I sent a note to Acom too. Want to find out if it is recommended to change the input relay at the same time with the cover off.
The amp is a pain to get to as it is mounted high on a shelf that is hanging from the ceiling in the basement. It is mounted directly under my feet when operating by about 3' below the shack floor. I only have the RCU in the shack.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of k2qmf@...
Sent: Monday, April 13, 2009 1:52 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - relay alarm

Tony,

I have had that happen to my 2000A three times...

It has always been the vacuum relay...

73,
Ted K2QMF

On Mon, 13 Apr 2009 09:48:44 -0400 "N2TK" <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> writes:
>
> Every once in a while I get the following message:
>
> "ant. relay closed: it should be open".
>
> Any ideas? Is this the input or vacuum output relay going bad? Any
> recommendations of parts I can check or change before it becomes a
> constant
> problem?
>
> Tnx
> 73,
> N2TK, Tony
>
>
> [Non-text portions of this message have been removed]

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>
> ------------------------------------
>
> Yahoo! Groups Links
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>

_____
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mGQybBDyqhq46nXcyO4nsZhrEl80/>
fers.juno.com/TGL2141/fc/BLSrjpTJjHYbYVxn7y3MtykzIvaNMy1mGQybBDyqhq46nXcyO4n
sZhrEl80/

[Non-text portions of this message have been removed]

3073. Re: Message: Relay closed, it should be open!

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 07:19:09 UTC
From: dl1amq
Topic: 1233 Message: 3073

Checking the reflector content for the given failure message, I just found the message below, given by Dick, WC1M in 2005.

Yes, I'm using CW BreaK-in and QSK full.

How to use VOX & CW ?
Anyone has good experiences with VOX & CW ?

73, Thomas, DL1AMQ

--- In acom-list@yahoogroups.com, "Dick Green" <wc1m@...> wrote:
>
>
> This is usually an indication tha the relay is damaged or defective.
> If you are using QSK, try VOX. If the problem continues, contact
> ACOM for service.
>
> 73, Dick WC1M
>
>
> --- In acom-list@yahoogroups.com, "lennartlonnqvist"
> <lennartlonnqvist@y...> wrote:
> > Hi,
> > How get rid of this message coming from the Amplifier every now
> and
> > then when I am usng the ACOM2000A after my FT-1000 Field. The PA
> cuts
> > off in this way once or twice every en second when using CW.The
> > antenna relay of FT1000 is in position 56. What to do?
>

3074. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:02:17 UTC
From: N2TK
Topic: 3066 Message: 3074

Talked to Acom. Will said it most likely is the vacuum relay. There isn't a procedure for replacing it. But where it is located is quite visible and should not be a big problem as long as you reconnect the wires properly. He said typically the input relay does not fail and no need to replace it.
If pictures are needed I can take some when I do this and post them.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of N2TK
Sent: Monday, April 13, 2009 3:14 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] 2000A - relay alarm

Tnx Ted,
I sent a note to Acom too. Want to find out if it is recommended to change the input relay at the same time with the cover off.
The amp is a pain to get to as it is mounted high on a shelf that is hanging from the ceiling in the basement. It is mounted directly under my feet when operating by about 3' below the shack floor. I only have the RCU in the shack.

73,
N2TK, Tony

From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf
Of k2qmf@... <mailto:k2qmf%40juno.com>
Sent: Monday, April 13, 2009 1:52 PM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Cc: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: Re: [acom-list] 2000A - relay alarm

Tony,

I have had that happen to my 2000A three times...

It has always been the vacuum relay...

73,
Ted K2QMF

On Mon, 13 Apr 2009 09:48:44 -0400 "N2TK" <tony.kaz@verizon.
<mailto:tony.kaz%40verizon.net> net> writes:
>
> Every once in a while I get the following message:
>
> "ant. relay closed: it should be open".
>
> Any ideas? Is this the input or vacuum output relay going bad? Any
> recommendations of parts I can check or change before it becomes a
> constant
> problem?
>
> Tnx
> 73,
> N2TK, Tony
>
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> [Non-text portions of this message have been removed]
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sZhrEl80/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3075. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:14:33 UTC
From: Dave Hawes
Topic: 3066 Message: 3075

Both Sig and I have replaced our vacuum relays, Tony. It is not
difficult, but a little tedious. Shouldn't be a problem for you.
The worst part is desoldering the lugs on the relay to get it out,
and reverse soldering in the new one.

I can't recall, but I think I have a Kilovac HC-1 in mine, and Sig
replaced his HC-1 with a Jennings RJ-1A.

Dave

On 14 Apr 2009 at 12:02, N2TK wrote:

> Talked to Acom. Will said it most likely is the vacuum relay. There isn't a
> procedure for replacing it. But where it is located is quite visible and
> should not be a big problem as long as you reconnect the wires properly. He
> said typically the input relay does not fail and no need to replace it.
> If pictures are needed I can take some when I do this and post them.
>
> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of N2TK
> Sent: Monday, April 13, 2009 3:14 PM
> To: acom-list@yahoogroups.com
> Subject: RE: [acom-list] 2000A - relay alarm
>
>
>
>
>
> Tnx Ted,
> I sent a note to Acom too. Want to find out if it is recommended to change
> the input relay at the same time with the cover off.
> The amp is a pain to get to as it is mounted high on a shelf that is hanging
> from the ceiling in the basement. It is mounted directly under my feet when
> operating by about 3' below the shack floor. I only have the RCU in the
> shack.
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> 73,
> N2TK, Tony
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> _____
>

> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On
> Behalf
> Of k2qmf@... <mailto:k2qmf%40juno.com>
> Sent: Monday, April 13, 2009 1:52 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
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> Tony,
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> 73,
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>
> On Mon, 13 Apr 2009 09:48:44 -0400 "N2TK" <tony.kaz@verizon.
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> > N2TK, Tony
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> >
> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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3076. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:14:13 UTC
From: Barry N1EU
Topic: 3066 Message: 3076

It's been many years since I replaced my relay, but my dim memory is
to use a relatively high wattage soldering iron and minimize the time
spent soldering the braid to prevent the braid from soaking up too
much solder, which would cause it to become stiff and compromise the
noise isolation.

73,
Barry N1EU

On Tue, Apr 14, 2009 at 12:02 PM, N2TK <tony.kaz@...> wrote:
>
>
> Talked to Acom. Will said it most likely is the vacuum relay. There isn't a
> procedure for replacing it.

3077. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:34:44 UTC
From: Paul M Dunphy
Topic: 3066 Message: 3077

Along these lines, isn't running full QSK a recipe for wearing
any relay out? I never have with any amp. I tried it a few times
(sent my call 2-3 times to see how "bad" it was) and it seems to me
the relays are going crazy. Sure, it's good to be able to hear
between the code elements, but I wonder if it is worth the wear and
tear on the rig and amp?

I certainly will NOT do this with my ACOM. Wondering if it is
as big a factor as I think it is. A lot of people say they couldn't
operate without full QSK. I work 80% CW, and I feel it isn't necessary.

73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)

3078. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:45:51 UTC
From: paul glassman
Topic: 3066 Message: 3078

paul, nice telking to you during the contest.
    73 paul w8jn

Quantum materiae materietur marmota monax

si marmota monax materiam possit materiari?

--- On Tue, 4/14/09, Paul M Dunphy <amplifier@...> wrote:

From: Paul M Dunphy <amplifier@...>
Subject: Re: [acom-list] 2000A - relay alarm
To: acom-list@yahoogroups.com
Date: Tuesday, April 14, 2009, 12:34 PM

Along these lines, isn't running full QSK a recipe for wearing

any relay out? I never have with any amp. I tried it a few times

(sent my call 2-3 times to see how "bad" it was) and it seems to me

the relays are going crazy. Sure, it's good to be able to hear

between the code elements, but I wonder if it is worth the wear and

tear on the rig and amp?

I certainly will NOT do this with my ACOM. Wondering if it is

as big a factor as I think it is. A lot of people say they couldn't

operate without full QSK. I work 80% CW, and I feel it isn't necessary.

73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)

[Non-text portions of this message have been removed]

3079. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 16:58:43 UTC
From: N2TK
Topic: 3066 Message: 3079

Hi Paul,

If I am running I don't see a need for QSK. In fact I think it is a distraction when running. However, when S&P and working DX I find QSK very helpful. It saves time and gives you a feel what is going on. You can tell when the other station has come back to someone. You cause less QRM using QSK.

What stress are you talking about? Other than the input and output relay cycling a lot, I can't think of any harm to the amp.

I have one of the first 2000A's that came to the states. So after all these years I need to replace a relay that is much less than $100 new. Sounds like quite a good deal for all the use of the amp.
In regards to the clicking of any relays, my amp is in the basement so I don't hear anything. It is very quiet in my shack using QSK.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Tuesday, April 14, 2009 12:35 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - relay alarm

Along these lines, isn't running full QSK a recipe for wearing any relay out? I never have with any amp. I tried it a few times (sent my call 2-3 times to see how "bad" it was) and it seems to me the relays are going crazy. Sure, it's good to be able to hear between the code elements, but I wonder if it is worth the wear and tear on the rig and amp?

I certainly will NOT do this with my ACOM. Wondering if it is as big a factor as I think it is. A lot of people say they couldn't operate without full QSK. I work 80% CW, and I feel it isn't necessary.

73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)

[Non-text portions of this message have been removed]

3080. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 17:12:29 UTC
From: Paul M Dunphy
Topic: 3066 Message: 3080

At 01:58 PM 4/14/2009, you wrote:
>Hi Paul,
>
>If I am running I don't see a need for QSK. In fact I think it is a
>distraction when running. However, when S&P and working DX I find QSK very
>helpful. It saves time and gives you a feel what is going on. You can tell
>when the other station has come back to someone. You cause less QRM using
>QSK.
>
>What stress are you talking about? Other than the input and output relay
>cycling a lot, I can't think of any harm to the amp.
>
>I have one of the first 2000A's that came to the states. So after all these
>years I need to replace a relay that is much less than $100 new. Sounds like
>quite a good deal for all the use of the amp.
>In regards to the clicking of any relays, my amp is in the basement so I
>don't hear anything. It is very quiet in my shack using QSK.
>
>73,
>N2TK, Tony

Sending VE1DX switches the relay in the rig and the amp twice,
once to put things in XMIT and once to go back to receive. ..._ .
.---- -.. -..- switches the relays 34 times. It's not the clicking
that concerns me. It's the excessive switching that the relays in
the radio and the amp have to do. A 17:1 increase just to send my
call can't be a good thing from a mechanical point of view.

I understand it's nice to be able, in a DX pileup, the hear the
DX send N2 instead of VE and then I can stop my transmission without
completing my call, but at 24-25 WPM it doesn't seem to make a lot of
difference. It is better, I agree, but I question whether it is
worth the excessive wear on the relays, that's all.

They may be inexpensive, but it would take me a week or two to
acquire and replace one in the ACOM. I don't know what I would do
with my PRO3 . . . I'm not inclined to take it apart and replace the
relay in it. I somehow can't get my mind around the idea that full
QSK in not abusing the gear. Things break and wear out, but there
seems to be no need to hasten the process by a factor o 15-20, if my
theory is correct. Maybe it isn't, but I don't want to chance it.

Do I have this wrong? All modern gear says "supports full
QSK." Does that mean it is no harder on the equipment than not using
it? No one has ever answered this.

73, Paul VE1DX

3081. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 17:19:17 UTC
From: k2qmf@juno.com
Topic: 3066 Message: 3081

Hello All,

I operate full CW QSK most of the time.
Even during contests. I couldn't do without it.

For that reason I have replaced the vacuum relay
3 times so far. It usually lasts about two years of
QSK operation.

Attached is the info I received from Stan at Acom
regarding the relay replacement along with some pictures...

I recommend you use a vacuum relay from Gigavac.
They sell a brand new relay, to hams, for about $75.00 Bucks.
Cant go wrong. You don't have to worry about using a second
hand relay... Check the below web site...

http://www.gigavac.com/products/relays/ham/index.htm

73,
Ted K2QMF

On Tue, 14 Apr 2009 12:58:43 -0400 "N2TK" <tony.kaz@...> writes:
> Hi Paul,
>
> If I am running I don't see a need for QSK. In fact I think it is a
> distraction when running. However, when S&P and working DX I find
> QSK very
> helpful. It saves time and gives you a feel what is going on. You
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> when the other station has come back to someone. You cause less QRM
> using
> QSK.
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> What stress are you talking about? Other than the input and output
> relay
> cycling a lot, I can't think of any harm to the amp.
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> I have one of the first 2000A's that came to the states. So after
> all these
> years I need to replace a relay that is much less than $100 new.
> Sounds like
> quite a good deal for all the use of the amp.
> In regards to the clicking of any relays, my amp is in the basement
> so I
> don't hear anything. It is very quiet in my shack using QSK.
>

> 73,
> N2TK, Tony
>
> _____
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of Paul M Dunphy
> Sent: Tuesday, April 14, 2009 12:35 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A - relay alarm
>
>
>
>
>
> Along these lines, isn't running full QSK a recipe for wearing
> any relay out? I never have with any amp. I tried it a few times
> (sent my call 2-3 times to see how "bad" it was) and it seems to me
>
> the relays are going crazy. Sure, it's good to be able to hear
> between the code elements, but I wonder if it is worth the wear and
>
> tear on the rig and amp?
>
> I certainly will NOT do this with my ACOM. Wondering if it is
> as big a factor as I think it is. A lot of people say they couldn't
>
> operate without full QSK. I work 80% CW, and I feel it isn't
> necessary.
>
> 73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)
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> *> To visit your group on the web, go to:
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---

1. Several important rules must be observed when handling the relay:

a) Do not force or stress the relay leads during unsoldering and soldering. Use a solder vacuum pump during unsoldering to remove all the solder before taking off wires from the relay leads.

b) For contact leads use a powerful soldering iron of 100-150W, with a massive copper tip, since the relay leads and ceramic draw much heat. The soldering tip temperature must be between 280 and 350 degs.C (535-660F). The soldering time must not last longer than 4-5 seconds after the solder has melt, and must be less than 10 seconds totally. Otherwise you risk overheating the meatal-to-ceramic vacuum-proof joint and destroy the relay. Wait minimum one minute after each soldering to let the relay case to become cool. The resulting joint must be lustre and without sharp tips. Use only non-corrosive flux. You could use the old relay to try soldering method on it before doing on the new one.

Clean the ceramic surface with alcohol but not before it becomes cool.

c) For coil relay leads a small soldering iron would be suitable. Nevertheless, be very careful because the plastic coil frame is fragile and could be easily broken. The problem arises while one tightens the nut, if the tool would slip suddenly. Anyway, they offer spare coils for Jennings and Kilovac. The Russian pins are much stronger.

d) When tightening the relay nut, the maximum permissible torque is 10N.m (about 86 Lbs.inch). When you have no dynamometric wrench available, please note and remember how do you feel the force you have used while loosening the old relay. Use a similar force for the new one.

e) The contacts layout of the Russian relay is as follows:

- Orient the relay with the contact leads towards you. Rotate it with the lead which is differently shaped to the bottom (it seems like a soldering lug and is labelled with "3" on the ceramic surface). This is the normally closed (N.C.) and it corresponds to the KILOVAC "A3". Connect it to the central wire of a neat coaxial cable, connected via a BNC connector to the tube deck. This is the RX- and STBY- RF bypassing path.

- The upper-left is the common (COM) and is labelled with the Cyrilic/Greek Pi (it seems like inverted U). It corresponds to the KILOVAC "A2". Connect it to the central wire of the current transformer (located just below the relay).

- The upper-right is normally open (N.O.) and is labelled with "P" (followed by the serial Nr). It corresponds to the KILOVAC "A1". Connect it to the amplifier output, i.e. the lead that comes from a horizontally-installed ceramic coil (the L-branch), and a ceramic choke (located above the relay).

2. In order to remove the defective relay please do the following:

a) Unsolder the silver plated copper braids from relay contacts. Using a pair of nippers, clamp the braid closely near the soldering in order not to let the solder to be sucked through the braid. The braid would become hard otherwise, thus the relay contacts would be stressed after the solder congeals, also the relay clicks will sound stronger with a hardened lead.

b) Unsolder the two coil relay leads.

c) Loose the relay nut and remove the relay from the little sub-chassis.

3. To install the new vacuum relay please do the following:

a) Mount the new relay, directing its common contact to point to the current transformer. The small tooth on the relay metal case must coincide the cut made for it in the aluminium chassis. Don't forget to thread the washer, then carefully tighten the hexagonal relay nut. Always beware of broking the coil leads if you knock it occasionally with any tool.

b) Solder the short copper braid (from current transformer lead) to the common contact and the longer one (from the ceramic choke) to the normally open contact.

c) Solder the central wire of the RX-bypassing coaxial cable to the normally closed contact. Check whether the cable grounding lug needs to be tightened.

d) After the relay becomes cool, clean its surface from flux remains using alcohol.

[Non-text portions of this message have been removed]

3082. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-14 17:22:07 UTC
From: Charles Fulp
Topic: 3066 Message: 3082

I replaced one some years back .. no big deal..
dont do QSK but still managed to have one fail... lots of contesting.
73 Chas

N2TK wrote:
>
>
> Talked to Acom. Will said it most likely is the vacuum relay. There
> isn't a
> procedure for replacing it. But where it is located is quite visible and
> should not be a big problem as long as you reconnect the wires
> properly. He
> said typically the input relay does not fail and no need to replace it.
> If pictures are needed I can take some when I do this and post them.
>
> 73,
> N2TK, Tony
>
> _____
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> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com
> <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of N2TK
> Sent: Monday, April 13, 2009 3:14 PM
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Subject: RE: [acom-list] 2000A - relay alarm
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> Tnx Ted,
> I sent a note to Acom too. Want to find out if it is recommended to change
> the input relay at the same time with the cover off.
> The amp is a pain to get to as it is mounted high on a shelf that is
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> from the ceiling in the basement. It is mounted directly under my feet
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> operating by about 3' below the shack floor. I only have the RCU in the
> shack.
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> [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com>

> ps.com] On
> Behalf
> Of k2qmf@... <mailto:k2qmf%40juno.com> <mailto:k2qmf%40juno.com>
> Sent: Monday, April 13, 2009 1:52 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Cc: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: Re: [acom-list] 2000A - relay alarm
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> Tony,
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> I have had that happen to my 2000A three times...
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> It has always been the vacuum relay...
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> 73,
> Ted K2QMF
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> On Mon, 13 Apr 2009 09:48:44 -0400 "N2TK" <tony.kaz@verizon.
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> > Any ideas? Is this the input or vacuum output relay going bad? Any
> > recommendations of parts I can check or change before it becomes a
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> > problem?
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> > Tnx
> > 73,
> > N2TK, Tony
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> <http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTJjHYbYVxn7y3MtykzIvaNMy1>
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> fers.juno.com/TGL2141/fc/BLSrjpTJjHYbYVxn7y3MtykzIvaNMy1mGQybBDyqhq46nXcyO4n
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> [Non-text portions of this message have been removed]
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3083. RE: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 11:53:59 UTC
From: Robert Naumann
Topic: 3066 Message: 3083

Ted,

Just curious what you would estimate that the impact would have been, had you used semi-break-in instead? In other words, what if you *had* to do without full break-in? Less countries worked, lower contest scores?

The few times I have tried QSK, I found it so annoying that I don't even think about it. I do set the delay on semi-break-in to be very short so that when I stop sending, it goes back to receive (between words) but not in the middle of a character. I am probably in the VE1DX camp on this issue.

I have operated lots and lots of CW contests and worked lots of DX over the last 35 years and have never thought that using full break in would have made any improvement at all. I never use VOX on SSB either. I use a footswitch for SSB.

The vacuum relay in my Acom 2000 had to be replaced only once after about 10 years of heavy usage on all modes in multi-ops where it withstood a lot of abuse.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of k2qmf@...
Sent: Tuesday, April 14, 2009 12:19 PM
To: acom-list@yahoogroups.com
Cc: acom-list@yahoogroups.com
Subject: Re: [acom-list] 2000A - relay alarm

Hello All,

I operate full CW QSK most of the time.
Even during contests. I couldn't do without it.

For that reason I have replaced the vacuum relay
3 times so far. It usually lasts about two years of
QSK operation.

Attached is the info I received from Stan at Acom
regarding the relay replacement along with some pictures...

I recommend you use a vacuum relay from Gigavac.
They sell a brand new relay, to hams, for about $75.00 Bucks.
Cant go wrong. You don't have to worry about using a second
hand relay... Check the below web site...

http://www.gigavac.com/products/relays/ham/index.htm

73,
Ted K2QMF

On Tue, 14 Apr 2009 12:58:43 -0400 "N2TK" <tony.kaz@...> writes:
> Hi Paul,
>
> If I am running I don't see a need for QSK. In fact I think it is a
> distraction when running. However, when S&P and working DX I find
> QSK very
> helpful. It saves time and gives you a feel what is going on. You
> can tell
> when the other station has come back to someone. You cause less QRM
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> QSK.
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> What stress are you talking about? Other than the input and output
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> I have one of the first 2000A's that came to the states. So after
> all these
> years I need to replace a relay that is much less than $100 new.
> Sounds like
> quite a good deal for all the use of the amp.
> In regards to the clicking of any relays, my amp is in the basement
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>
> 73,
> N2TK, Tony
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> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of Paul M Dunphy
> Sent: Tuesday, April 14, 2009 12:35 PM
> To: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A - relay alarm
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> Along these lines, isn't running full QSK a recipe for wearing
> any relay out? I never have with any amp. I tried it a few times
> (sent my call 2-3 times to see how "bad" it was) and it seems to me
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> the relays are going crazy. Sure, it's good to be able to hear
> between the code elements, but I wonder if it is worth the wear and

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> tear on the rig and amp?
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> I certainly will NOT do this with my ACOM. Wondering if it is
> as big a factor as I think it is. A lot of people say they couldn't
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> operate without full QSK. I work 80% CW, and I feel it isn't
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>
> 73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
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>

3084. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 12:17:29 UTC
From: Brian Alsop
Topic: 3066 Message: 3084

Bob,

You have to use QSK in a couple dozen CW pile ups to gauge the
effectiveness. It appears to me that QSK is becoming a necessity (like
full legal power) these days.

Here's what I see when using QSK to listen to the pileup while listening
to the dx.
1) Group 1 - non QSK guys -- calling too long, calls timed all wrong.
2) Group 2 - QSK guys who send their call and if don't make it send the
call again and again. This eventually results in snagging the DX. In
other words, they know instantly that the DX didn't come back to
anybody-- exactly the time you want to be dropping in your call.
3) Group 3 - Lids QSK or not. Include those using code readers here.

With more and more guys appearing in group 2. It almost becomes a
necessity to be competitive. It is a brave new world. What was
successful 5,10 or 20 years ago isn't necessarily what it takes now.
The other alternative is to have a superior signal.....

Incidentally the GIGAVAC site quotes a lifetime of 2 million ops for
their vacuum relay. A rough hand calc indicates thats like dropping
your call in about 60,000 times.

73 de Brian/K3KO

Robert Naumann wrote:

>Ted,
>
>Just curious what you would estimate that the impact would have been, had
>you used semi-break-in instead? In other words, what if you *had* to do
>without full break-in? Less countries worked, lower contest scores?
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>The few times I have tried QSK, I found it so annoying that I don't even
>think about it. I do set the delay on semi-break-in to be very short so that
>when I stop sending, it goes back to receive (between words) but not in the
>middle of a character. I am probably in the VE1DX camp on this issue.
>
>I have operated lots and lots of CW contests and worked lots of DX over the
>last 35 years and have never thought that using full break in would have
>made any improvement at all. I never use VOX on SSB either. I use a
>footswitch for SSB.
>
>The vacuum relay in my Acom 2000 had to be replaced only once after about 10
>years of heavy usage on all modes in multi-ops where it withstood a lot of
>abuse.

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>73,
>
>Bob W5OV
>
>
>-----Original Message-----
>From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>Of k2qmf@...
>Sent: Tuesday, April 14, 2009 12:19 PM
>To: acom-list@yahoogroups.com
>Cc: acom-list@yahoogroups.com
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>>
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>>[Non-text portions of this message have been removed]
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3085. Re: 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 12:40:32 UTC
From: Hal Kennedy
Topic: 3066 Message: 3085

I was really curious whether the relay failures were related to QSK operation, but I think the recent posts tell the story. I once lost a relay in an Alpha 99 (same relay, same amp for that matter), even though I never operate QSK and replaced it with a Kilovac. The two 2000As here have thousands of hours on them and one is on its third set of tubes, but both still have their original relays. My own view is QSK is not "abuse" per se, just "very heavy use." Hearing the relays banging away in the transceivers and the amps gives me a bad feeling, and I don't want to change the T/R relays in my MPs, although changing out the relays in the amps is not a big deal.

If you operate a lot and it's all QSK, you might as well keep a spare relay along with a spare set of tubes. You will need it. I wonder how many of us are hot switching, which will get the relays stuck in a hurry? My experience is the second RCA jack control line on the back of the 2000A - the transmit inhibit line - is not used in most shacks. It's not used in mine. It's there to prevent hot switching.

Hal, N4GG

[Non-text portions of this message have been removed]

3086. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 12:51:22 UTC
From: Paul M Dunphy
Topic: 3066 Message: 3086

At 09:17 AM 4/15/2009, you wrote:
>Bob,
>
>You have to use QSK in a couple dozen CW pile ups to gauge the
>effectiveness. It appears to me that QSK is becoming a necessity (like
>full legal power) these days.
>
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>The other alternative is to have a superior signal.....
>
>Incidentally the GIGAVAC site quotes a lifetime of 2 million ops for
>their vacuum relay. A rough hand calc indicates thats like dropping
>your call in about 60,000 times.
>
>73 de Brian/K3KO

Brian,

My MFJ pocket code reader takes great umbrage at that
comment! I'm a number 3 above. :-)

Seriously, how does sending K3KO without QSK differ from
engaging the PTT on SSB and saying "Kilo Three Kilo Oscar?"

I realise we are drifting off the topic of ACOM amplifiers here,
but I fail to see the huge advantage of full QSK as some are
advocating. I accept that with modern gear it probably doesn't
shorten equipment life much, but I'm getting the sense it is more of
a personal preference, like using a foot switch as opposed to a PTT
on a mic, or using VOX instead of a any switch activated PTT. Is it
really that much better? I just tried working the S04R on 17
(without success because he is 419 with deep QSB) with and without
full QSK, and I really can't see the advantage other than QSK is distracting.

My understanding of QSK was that it originated in the commercial/military areas when it was sometimes necessary to break in with emergency traffic. I don't think it has a significant advantage in DXing or contesting. At least it would not help me.

73, Paul VE1DX

3087. Re: 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 14:12:59 UTC
From: Dick Green
Topic: 3066 Message: 3087

I had to replace the Kilovac HC-1 relay in my 2000A very shortly after purchasing the amp new. It was a relatively early 2000A, built circa 2001.

I was told by Acom that they had received a bad batch of Kilovac relays. I happened to have a Jennings RJ-1A on hand, so I used that as a replacement and it's still in the amp today and functioning just fine. Acom sent me a Russian relay, which is on standby in my parts box in case the Jennings relay fails.

Anecdotal evidence suggests the problem had nothing to do with a bad batch or relays. Others have replaced the Kilovac relay with a Jennings relay and have had the latter fail. I am almost certain that I was using QSK when the original Kilovac relay failed (I was using the recommended keying loop with a Yaesu HF rig that supports TX ENA.) The amp was new enough that there's no way the relay wore out. I had used the amp in perhaps one contest, and only for S&P on the second radio, no running. I have rarely used QSK since, out of fear that the relay will fail again. The amp is still on the second radio, so it gets relatively light duty. So far, no problems.

Note that prior to obtaining the 2000A, I used an Amp International LK-550ZC, which has the same type of vacuum relay. No problems with the relay, even after years of pounding in QSK mode. Same for an SB-220 amp I retrofitted with a Jennings relay before that. I wouldn't expect a vacuum relay to last forever under heavy repeated QSK contest operation (with repeated CQing, it doesn't take long to get up to the specified maximum number of cycles, which is something like one million.) However, I would expect it to last more than a couple of years.

Personally, I think there's a timing bug in the 2000A firmware or hardware that leads to hot switching of the relay. Stan has insisted that this can't possibly happen due to various safeguards, but the fact that a large percentage of Acom users has had to replace the relay says otherwise.

73, Dick WC1M

--- In acom-list@yahoogroups.com, k2qmf@... wrote:
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> > Of Paul M Dunphy
> > Sent: Tuesday, April 14, 2009 12:35 PM
> > To: acom-list@yahoogroups.com

> > Subject: Re: [acom-list] 2000A - relay alarm
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> >
> > [Non-text portions of this message have been removed]
> >
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> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> > *> To visit your group on the web, go to:
> > http://groups.yahoo.com/group/acom-list/
> >
> >
> >
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> >
> > ____
> Click here to find the right stock, bonds, and mutual funds.
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFOGfxo3aGufClKPpftlx0tqZ9w4p0aCuZ3MWB
1jCypPXq848DDaA/
> ----------
>

>
>
>
> 1. Several important rules must be observed when handling the relay:
>
> a) Do not force or stress the relay leads during unsoldering and soldering. Use a solder vacuum pump during unsoldering to remove all the solder before taking off wires from the relay leads.
>
> b) For contact leads use a powerful soldering iron of 100-150W, with a massive copper tip, since the relay leads and ceramic draw much heat. The soldering tip temperature must be between 280 and 350 degs.C (535-660F). The soldering time must not last longer than 4-5 seconds after the solder has melt, and must be less than 10 seconds totally. Otherwise you risk overheating the meatal-to-ceramic vacuum-proof joint and destroy the relay. Wait minimum one minute after each soldering to let the relay case to become cool. The resulting joint must be lustre and without sharp tips. Use only non-corrosive flux. You could use the old relay to try soldering method on it before doing on the new one.
>
> Clean the ceramic surface with alcohol but not before it becomes cool.
>
> c) For coil relay leads a small soldering iron would be suitable. Nevertheless, be very careful because the plastic coil frame is fragile and could be easily broken. The problem arises while one tightens the nut, if the tool would slip suddenly. Anyway, they offer spare coils for Jennings and Kilovac. The Russian pins are much stronger.
>
> d) When tightening the relay nut, the maximum permissible torque is 10N.m (about 86 Lbs.inch). When you have no dynamometric wrench available, please note and remember how do you feel the force you have used while loosening the old relay. Use a similar force for the new one.
>
> e) The contacts layout of the Russian relay is as follows:
>
> - Orient the relay with the contact leads towards you. Rotate it with the lead which is differently shaped to the bottom (it seems like a soldering lug and is labelled with "3" on the ceramic surface). This is the normally closed (N.C.) and it corresponds to the KILOVAC "A3". Connect it to the central wire of a neat coaxial cable, connected via a BNC connector to the tube deck. This is the RX- and STBY- RF bypassing path.
>
> - The upper-left is the common (COM) and is labelled with the Cyrilic/Greek Pi (it seems like inverted U). It corresponds to the KILOVAC "A2". Connect it to the central wire of the current transformer (located just below the relay).
>
> - The upper-right is normally open (N.O.) and is labelled with "P" (followed by the serial Nr). It corresponds to the KILOVAC "A1". Connect it to the amplifier output, i.e. the lead that comes from a horizontally-installed ceramic coil (the L-branch), and a ceramic choke (located above the relay).
>
> 2. In order to remove the defective relay please do the following:
>
> a) Unsolder the silver plated copper braids from relay contacts. Using a pair of nippers,

clamp the braid closely near the soldering in order not to let the solder to be sucked through the braid. The braid would become hard otherwise, thus the relay contacts would be stressed after the solder congeals, also the relay clicks will sound stronger with a hardened lead.
>
> b) Unsolder the two coil relay leads.
>
> c) Loose the relay nut and remove the relay from the little sub-chassis.
>
> 3. To install the new vacuum relay please do the following:
>
> a) Mount the new relay, directing its common contact to point to the current transformer. The small tooth on the relay metal case must coincide the cut made for it in the aluminium chassis. Don't forget to thread the washer, then carefully tighten the hexagonal relay nut. Always beware of broking the coil leads if you knock it occasionally with any tool.
>
> b) Solder the short copper braid (from current transformer lead) to the common contact and the longer one (from the ceramic choke) to the normally open contact.
>
> c) Solder the central wire of the RX-bypassing coaxial cable to the normally closed contact. Check whether the cable grounding lug needs to be tightened.
>
> d) After the relay becomes cool, clean its surface from flux remains using alcohol.
>
>
> [Non-text portions of this message have been removed]
>

3088. Re: [acom-list] Re: 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 14:41:41 UTC
From: Paul Christensen
Topic: 3066 Message: 3088

> "Personally, I think there's a timing bug in the 2000A firmware or hardware that leads to hot switching of the relay. Stan has insisted that this can't possibly happen due to various safeguards, but the fact that a large percentage of Acom users has had to replace the relay says otherwise."

As a matter of "good operating practice," I would monitor the post-amp RF envelope with a scope to ensure that the amp isn't being hot-switched. As Dick points out, there may be some operating combination that produces a slight timing error. The only way to really know is to monitor the post-amp RF envelope.

The Kilovac, Jennings, and Gigavac vacuum relays should normally be able to withstand many on/off operations. The Jennings relay in my nearly 40-year-old Alpha 70V s still standing up to my daily QSK abuse. Likewise, the Jennings RJ1A in my Alpha 77Dx has been similarly abused since the mid-'80s. Both amps are on their original vacuum relays. Granted, I may be running on borrowed time. But, until I added the scope to full-time operation back in '97, I found that my Ten Tec Omni Six was hot-switching the Alpha 70V and causing on-air key clicks. It went on that way for a couple months until I was listening to my CW signal on a standby receiver and heard the clicks. I was horrified to see what was being transmitted when the scope was connected. A revised QSK sample point inside the Omni fixed the problem.

Incidentally, if anyone is using an Omni Six with their ACOM 2000A -- and you're not hand-shaking with the amp in a loop, I would strongly advise against using the scheme advocated on the AlphaPower website where they use an RCA "Y" adapter on the Omni's QSK loop, together with a 1N914 steering diode. That combination will almost guarantee a condition where the amp will be forced into hot-switching. Whether the ACOM will take that into account under all operating conditions is another matter. And even if hot-switching is not occurring, the post-amp RF envelope time will not match the keyed RF envelope time of the rig. The so-called "dit shortening" is also possible as a result of timing errors between the rig and amp.

Paul, W9AC

[Non-text portions of this message have been removed]

3089. Re: [acom-list] 2000A - relay alarm

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 15:01:26 UTC
From: k2qmf@juno.com
Topic: 3066 Message: 3089

Hi Bob et al,

I guess the main reason I use CW QSK is because I have been
using it for the past 30 years and I am so accustomed to it that I find
it hard to do without it.
Also, I do fall into Brian's (K3KO) Group 2. I find it easier to keep in
"sync" while
calling DX stations, etc...
For SSB I use a foot switch. I find it much faster and more reliable
than VOX.

My rig is a Yaesu FT1000MP MK-V Field driving the 2000A.
I have both TX-IN and TX-OUT connected to the 2000A so I have
no hot switching issues...
I have become so used to changing out the vacuum relay that I don't mind
it a bit...

As Dick (WC1M) said, Stan of Acom indicates that there are various
safeguards
in the amp for this issue. However, I think the safeguards are too
sensitive to
very small variations in relay performance. I believe that the relays
that cause
these faults in the 2000A would work just fine in any other amplifier!!!!
My own opinion....

73,
Ted K2QMF

On Wed, 15 Apr 2009 06:53:59 -0500 "Robert Naumann" <W5OV@...>
writes:
> Ted,
>
> Just curious what you would estimate that the impact would have
> been, had
> you used semi-break-in instead? In other words, what if you *had* to
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> without full break-in? Less countries worked, lower contest scores?
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> Bob W5OV
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> On Behalf
> Of k2qmf@...
> Sent: Tuesday, April 14, 2009 12:19 PM
> To: acom-list@yahoogroups.com
> Cc: acom-list@yahoogroups.com
> Subject: Re: [acom-list] 2000A - relay alarm
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> Hello All,
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> They sell a brand new relay, to hams, for about $75.00 Bucks.
> Cant go wrong. You don't have to worry about using a second
> hand relay... Check the below web site...
>
>
> http://www.gigavac.com/products/relays/ham/index.htm
>
> 73,

> Ted K2QMF
>
>
>
>
>
> On Tue, 14 Apr 2009 12:58:43 -0400 "N2TK" <tony.kaz@...>
> writes:
> > Hi Paul,
> >
> > If I am running I don't see a need for QSK. In fact I think it is
> a
> > distraction when running. However, when S&P and working DX I find
>
> > QSK very
> > helpful. It saves time and gives you a feel what is going on. You
>
> > can tell
> > when the other station has come back to someone. You cause less
> QRM
> > using
> > QSK.
> >
> > What stress are you talking about? Other than the input and output
>
> > relay
> > cycling a lot, I can't think of any harm to the amp.
> >
> > I have one of the first 2000A's that came to the states. So after
>
> > all these
> > years I need to replace a relay that is much less than $100 new.
> > Sounds like
> > quite a good deal for all the use of the amp.
> > In regards to the clicking of any relays, my amp is in the
> basement
> > so I
> > don't hear anything. It is very quiet in my shack using QSK.
> >
> > 73,
> > N2TK, Tony
> >
> > _____
> >
> > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
>
> > On Behalf
> > Of Paul M Dunphy
> > Sent: Tuesday, April 14, 2009 12:35 PM
> > To: acom-list@yahoogroups.com

> > Subject: Re: [acom-list] 2000A - relay alarm
> >
> >
> >
> >
> >
> > Along these lines, isn't running full QSK a recipe for wearing
> > any relay out? I never have with any amp. I tried it a few times
> > (sent my call 2-3 times to see how "bad" it was) and it seems to
> me
> >
> > the relays are going crazy. Sure, it's good to be able to hear
> > between the code elements, but I wonder if it is worth the wear
> and
> >
> > tear on the rig and amp?
> >
> > I certainly will NOT do this with my ACOM. Wondering if it is
> > as big a factor as I think it is. A lot of people say they
> couldn't
> >
> > operate without full QSK. I work 80% CW, and I feel it isn't
> > necessary.
> >
> > 73, Paul VE1DX (with 327 confirmed DXCC CW kills and 270 on 30M)
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

Find success and happiness with drug and alcohol rehabilitation. Click now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTJWRW1qNFSkEboagqMYmfb0JnpGXY2irBk7lx2J7

PYBaYz79CdUP2/

3090. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-15 18:36:21 UTC
From: pe1czg
Topic: 3059 Message: 3090

Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?

73's Ger PE1CZG

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
>
> Perhaps just his PTT line is closed? Easy enough to test.
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of stevehurstg8lik2003
> Sent: Sunday, April 12, 2009 7:11 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Acom 1000 failure
>
> Ger,
> According to the downloaded handbook I have with me-your indication
> 1ASB2B
> 1A is the event that is being reported
> SB2 means tests made during standby after the warmup period
> B means output relay closed
>
> I think its trying to tell you the vacuum relay is faulty,at least thats my
> interpretation.
> Good luck!
>
> regards, Steve G8LIK
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

3091. Reflected Pwr

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-16 17:53:29 UTC
From: Dave McLaughlin
Topic: 3091 Message: 3091

I'm using the A1000 into a G5RV antenna for 40 & 80. I can get full power on 40, but when loading on 80 I get the Reflected Pwr message and the amp shuts down even with 10 watts drive. My tunner (Palstar AT2K) says I have 1:1 swr. Anyone else ever experienced this? If so, what did you do to cure it.

Thanks, Dave

3092. Re: [acom-list] Reflected Pwr

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-17 00:15:01 UTC
From: Frank J. Connelly
Topic: 3091 Message: 3092

Dave:

Do you have a dummy load? If so, take the tuner out of the line and use the dummy load connected directly to the amp and see if you still get the error message.

Also substitute a different coax cable between the amp and tuner and see if that makes a difference.

I doubt the problem is in the amp, but you never know.

73,
Frank, W7ND

On Apr 16, 2009, at 10:53 AM, Dave McLaughlin wrote:

>
>
> I'm using the A1000 into a G5RV antenna for 40 & 80. I can get full
> power on 40, but when loading on 80 I get the Reflected Pwr message
> and the amp shuts down even with 10 watts drive. My tunner (Palstar
> AT2K) says I have 1:1 swr. Anyone else ever experienced this? If so,
> what did you do to cure it.
>
> Thanks, Dave
>
>
>

[Non-text portions of this message have been removed]

3093. Re: Reflected Pwr

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-17 18:25:57 UTC
From: Dave McLaughlin
Topic: 3091 Message: 3093

Frank,
Thank you for your reply. I don't have a dummy load but, I did try using the tuner in direct mode and with about 4:1 vswr, the amp worked ok up to about 500w. Anything higher than that I receive the same error message. I did change out the coax, but got the same results.

Dave

In acom-list@yahoogroups.com, "Frank J. Connelly" <w7nd@...> wrote:
>
> Dave:
>
> Do you have a dummy load? If so, take the tuner out of the line and
> use the dummy load connected directly to the amp and see if you still
> get the error message.
>
> Also substitute a different coax cable between the amp and tuner and
> see if that makes a difference.
>
> I doubt the problem is in the amp, but you never know.
>
> 73,
> Frank, W7ND
>
>
> On Apr 16, 2009, at 10:53 AM, Dave McLaughlin wrote:
>
> >
> >
> > I'm using the A1000 into a G5RV antenna for 40 & 80. I can get full
> > power on 40, but when loading on 80 I get the Reflected Pwr message
> > and the amp shuts down even with 10 watts drive. My tunner (Palstar
> > AT2K) says I have 1:1 swr. Anyone else ever experienced this? If so,
> > what did you do to cure it.
> >
> > Thanks, Dave
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

3094. Re: Relay Sticking

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 15:30:30 UTC
From: dl1amq
Topic: 2830 Message: 3094

What coil I have to select for HC-1 replacement by GH1 ?
I assume 48Vdc, but not sure.
Please, confirm or correct me.

Thanks in advance.
Thomas, DL1AMQ

--- In acom-list@yahoogroups.com, "jx7dfa" <la7dfa@...> wrote:
>
> HC-1 is the likely candidate <IMO>.
>
> I have some info regarding protecting the QSK-relay here:
> http://la7dfa.com/ft-1000mp-qsk.htm
>
> Per, LA7DFA
>
>
> --- In acom-list@yahoogroups.com, "Dave Hawes" <dave.n3rd@> wrote:
> >
> > Hello, Group.
> >
> > I have just diagnosed a problem with my 2000A with regards to relay
> > sticking.
> >
> > The symptom was that there was an open circuit through the amplifier
> > when it was turned off. Obviously, there should be a closed circuit.
> > There are two relays in the RF path:
> >
> > NAIS TQ2-12V in the Phase Detector
> > Kilovac HC-1 in the output
> >
> > I turned on the amplifier, put the radio in QSK mode and sent dots
> > for about 15 seconds, and the RX sprang to life. Obviously, one of
> > the two relays had stuck in the "Transmit" position.
> >
> > Here's the question: Which of these is the likely candidate? I know
> > there has been a lot of discussion in the past about replacement of
> > the HC-1, etc, and in fact, I have replaced the relay in this
> > amplifier twice already. I am not opposed to doing it again, but is
> > there any chance that the problem was the input relay, the NAIS DPDT
> > relay?
> >
> > I have a spare HC-1 in the drawer and can readily replace the
> > installed one, but should I also order up a TQ2-12V "for the drawer"
> > just in case?

> >
> > 73 - Dave N3RD
> >
>

3095. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 10:52:31 UTC
From: pa5cw
Topic: 3059 Message: 3095

Ger,

Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad, relais was defect.

PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.

Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
73 Kees PA5CW

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
>
> Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
> Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
>
> 73's Ger PE1CZG
>
> --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
> >
> >
> > Perhaps just his PTT line is closed? Easy enough to test.
> >
> >
> > -----Original Message-----
> > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> > Of stevehurstg8lik2003
> > Sent: Sunday, April 12, 2009 7:11 AM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Re: Acom 1000 failure
> >
> > Ger,
> > According to the downloaded handbook I have with me-your indication
> > 1ASB2B
> > 1A is the event that is being reported
> > SB2 means tests made during standby after the warmup period
> > B means output relay closed
> >
> > I think its trying to tell you the vacuum relay is faulty,at least thats my
> > interpretation.
> > Good luck!

> >
> > regards, Steve G8LIK
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

3096. RE: [acom-list] Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 21:08:51 UTC
From: Kees - pa7two
Topic: 3059 Message: 3096

Gebruik je veel BK-IN Ger?

Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!

To: acom-list@yahoogroups.com
From: pa5cw@...
Date: Wed, 22 Apr 2009 10:52:31 +0000
Subject: [acom-list] Re: Acom 1000 failure

Ger,

Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad, relais was defect.

PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.

Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.

73 Kees PA5CW

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:

>

> Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.

> Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?

>

> 73's Ger PE1CZG

>

> --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:

> >

> >

> > Perhaps just his PTT line is closed? Easy enough to test.

> >

> >

> > -----Original Message-----

> > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf

> > Of stevehurstg8lik2003

> > Sent: Sunday, April 12, 2009 7:11 AM

> > To: acom-list@yahoogroups.com

> > Subject: [acom-list] Re: Acom 1000 failure

> >

> > Ger,

> > According to the downloaded handbook I have with me-your indication

> > 1ASB2B

> > 1A is the event that is being reported

> > SB2 means tests made during standby after the warmup period

> > B means output relay closed

> >

> > I think its trying to tell you the vacuum relay is faulty,at least thats my

> > interpretation.

> > Good luck!

> >

> > regards, Steve G8LIK

> >

> >

> >

> > ------------------------------------

> >

> > Yahoo! Groups Links

> >

>

Windows Live? Hotmail?:?more than just e-mail.
http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009

[Non-text portions of this message have been removed]

3097. Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 11:02:28 UTC
From: pa5cw
Topic: 3036 Message: 3097

Hello Irwin,
Works very good, no problems.

Only thing is, after 1 year working semi break-in the output relais of the acom had to be replaced, same with other Ham who has k3/acom.

73 Kees PA5CW

--- In acom-list@yahoogroups.com, "KD3TB" <idarack@...> wrote:
>
> I am looking at purchasing a K3 and interested in anyone who has connected
> to the Acom 1000. How have they connected and if they have had any problems
> with "Hot Switching"?
>
>
>
> Thanks, KD3TB
>
>
>
> KD3TB
>
> Irwin Darack
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

3098. Re: [acom-list] Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 22:02:16 UTC
From: Brian Alsop
Topic: 3036 Message: 3098

Kees,
What TXDLY are you using? I have always been a bit skeptical of using
8ms.
Brian/K3KO

pa5cw wrote:

>Hello Irwin,
>Works very good, no problems.
>
>
>Only thing is, after 1 year working semi break-in the output relais of the acom had to be
replaced, same with other Ham who has k3/acom.
>
>73 Kees PA5CW
>
>
>--- In acom-list@yahoogroups.com, "KD3TB" <idarack@...> wrote:
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>>to the Acom 1000. How have they connected and if they have had any problems
>>with "Hot Switching"?
>>
>>
>>
>>Thanks, KD3TB
>>
>>
>>
>>KD3TB
>>
>>Irwin Darack
>>
>>
>>
>>
>>
>>[Non-text portions of this message have been removed]
>>
>>
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>
>

>
>

3099. RE: [acom-list] Re: K3 and Acom 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-22 22:48:54 UTC
From: KD3TB
Topic: 3036 Message: 3099

Thanks and regards, Irwin KD3TB

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of pa5cw
Sent: Wednesday, April 22, 2009 7:02 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: K3 and Acom 1000

Hello Irwin,
Works very good, no problems.

Only thing is, after 1 year working semi break-in the output relais of the acom had to be replaced, same with other Ham who has k3/acom.

73 Kees PA5CW

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>
> Thanks, KD3TB
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>
> KD3TB
>
> Irwin Darack
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3100. AW: [acom-list] Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 06:19:25 UTC
From: Herrmann, Thomas
Topic: 3100 Message: 3100

Kees,
what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc, 36Vdc or 48Vdc type ??
Did not get any response yet.
Thanks in advance.
73 de Thomas, DL1AMQ.

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
Auftrag von Kees - pa7two
Gesendet: Mittwoch, 22. April 2009 23:09
An: ACOM Reflector site
Betreff: RE: [acom-list] Re: Acom 1000 failure

Gebruik je veel BK-IN Ger?

Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!

To: acom-list@yahoogroups.com
From: pa5cw@wiegers.nu
Date: Wed, 22 Apr 2009 10:52:31 +0000
Subject: [acom-list] Re: Acom 1000 failure

Ger,

Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad, relais was defect.

PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.

Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.

73 Kees PA5CW

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:

>

> Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.

> Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?

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> 73's Ger PE1CZG

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> --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:

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> > Perhaps just his PTT line is closed? Easy enough to test.

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> > -----Original Message-----

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> > Of stevehurstg8lik2003

> > Sent: Sunday, April 12, 2009 7:11 AM

> > To: acom-list@yahoogroups.com

> > Subject: [acom-list] Re: Acom 1000 failure

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> > According to the downloaded handbook I have with me-your indication

> > 1ASB2B

> > 1A is the event that is being reported

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> > I think its trying to tell you the vacuum relay is faulty,at least thats my

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> >

> > regards, Steve G8LIK

> >

> >

> >

> > ------------------------------------

> >

> > Yahoo! Groups Links

> >

>

_____
Windows Live(tm) Hotmail®:...more than just e-mail.
http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009

[Non-text portions of this message have been removed]

Yahoo! Groups Links

3101. Re: [acom-list] Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 06:32:51 UTC
From: Tadej Arcon
Topic: 3100 Message: 3101

Hi Thomas,

recently I had a fault of the output relay in my Alpha 91b. I sent an email to Gigavac and they gave me a ham GH1 relay which was 26,5V version, but they did not even ask for coil voltage. I just fit the relay in the amp and it works. I suppose all relays in the ham amps are the same.

You can also check the voltage on the relay with voltmeter, but be careful the HV in close.

Here is the link:
http://www.gigavac.com/products/relays/datasheets/gh1_ham/index.htm

73s Ted S52X

2009/4/23 Herrmann, Thomas <Thomas.Herrmann@...>

>
>
> Kees,
> what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc,
> 36Vdc or 48Vdc type ??
> Did not get any response yet.
> Thanks in advance.
> 73 de Thomas, DL1AMQ.
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> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>]Im
> Auftrag von Kees - pa7two
> Gesendet: Mittwoch, 22. April 2009 23:09
> An: ACOM Reflector site
> Betreff: RE: [acom-list] Re: Acom 1000 failure
>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers.
> http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special
> prijsjes voor ... HAMs :-)
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>

> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> From: pa5cw@... <pa5cw%40wiegers.nu>
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure
>
> Ger,
>
> Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad,
> relais was defect.
>
> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat
> het relais defect raakt.
>
> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais
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>
> 73 Kees PA5CW
>
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> <ghoogendijk@...> wrote:
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> >
>
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> protection circuitry? Anyone tried the bad vacum-relay after removing it
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> burned out or?
>
> >
>
> > 73's Ger PE1CZG
>
> >
>
> > --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "Robert
> Naumann" <W5OV@> wrote:
>
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> > > > Perhaps just his PTT line is closed? Easy enough to test.

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> > > -----Original Message-----
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> > > From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@yahoogroups.com <acom-list%40yahoogroups.com>] On Behalf
>
> > > Of stevehurstg8lik2003
>
> > > Sent: Sunday, April 12, 2009 7:11 AM
>
> > > To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
>
> > > Subject: [acom-list] Re: Acom 1000 failure
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>
> > > Ger,
>
> > > According to the downloaded handbook I have with me-your indication
>
> > > 1ASB2B
>
> > > 1A is the event that is being reported
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> > > SB2 means tests made during standby after the warmup period
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> > > B means output relay closed
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> > > interpretation.
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> > > Good luck!
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> > > regards, Steve G8LIK
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Tadej Arcon

[Non-text portions of this message have been removed]

3102. Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 09:39:46 UTC
From: Uffe Lindhardt
Topic: 3100 Message: 3102

Judging from the schematics ("interface" board) in the file section you need a 26,5 V relay.

48V is applied to the relay, but trough a 330 ohm resistor. This resistance is the same as the coil resistance of the 26,5 V type, so steady-state the coil will have about the half of 48 V of it.

The 48V is used to generate a switching pulse for the relay by the use of a by-pass capacitor across the 330 ohm resistor. This is likely done to speed-up the switching time, but might also be the reason for the limited lifespan of this relay.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "Herrmann, Thomas" <Thomas.Herrmann@...> wrote:
>
> Kees,
> what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc, 36Vdc or 48Vdc type ??
> Did not get any response yet.
> Thanks in advance.
> 73 de Thomas, DL1AMQ.
>
> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
> Auftrag von Kees - pa7two
> Gesendet: Mittwoch, 22. April 2009 23:09
> An: ACOM Reflector site
> Betreff: RE: [acom-list] Re: Acom 1000 failure
>
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>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
>

> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure
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> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais
defect raakt.
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>
> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag
vervangen, je moet het oude dan opsturen.
>
> 73 Kees PA5CW
>
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>

> --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
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>
> > Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
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> > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
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> > --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
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> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
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> > > Of stevehurstg8lik2003
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> > > Sent: Sunday, April 12, 2009 7:11 AM
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> > > To: acom-list@yahoogroups.com
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3103. AW: [acom-list] Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 09:49:54 UTC
From: Herrmann, Thomas
Topic: 3100 Message: 3103

Thank You for explanation, Uffe.
Great service and well to understand.
73 de Thomas, DL1AMQ

-----Ursprüngliche Nachricht-----
Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
Auftrag von Uffe Lindhardt
Gesendet: Donnerstag, 23. April 2009 11:40
An: acom-list@yahoogroups.com
Betreff: [acom-list] Re: Acom 1000 failure => ACOM2000

Judging from the schematics ("interface" board) in the file section you need a 26,5 V relay.

48V is applied to the relay, but trough a 330 ohm resistor. This resistance is the same as the coil resistance of the 26,5 V type, so steady-state the coil will have about the half of 48 V of it.

The 48V is used to generate a switching pulse for the relay by the use of a by-pass capacitor across the 330 ohm resistor. This is likely done to speed-up the switching time, but might also be the reason for the limited lifespan of this relay.

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, "Herrmann, Thomas" <Thomas.Herrmann@...> wrote:
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> Kees,
> what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc, 36Vdc or 48Vdc type ??
> Did not get any response yet.
> Thanks in advance.
> 73 de Thomas, DL1AMQ.
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> -----Ursprüngliche Nachricht-----
> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
> Auftrag von Kees - pa7two
> Gesendet: Mittwoch, 22. April 2009 23:09
> An: ACOM Reflector site
> Betreff: RE: [acom-list] Re: Acom 1000 failure
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>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)

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> Vy 73, de Kees.
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> Member of an all HAM family. ** CW IS! ** DX IS! **
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> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
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> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure
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> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais

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> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
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> 73 Kees PA5CW
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> > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
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> > > -----Original Message-----
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> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>
> > > Of stevehurstg8lik2003
>
> > > Sent: Sunday, April 12, 2009 7:11 AM
>
> > > To: acom-list@yahoogroups.com

> > > Subject: [acom-list] Re: Acom 1000 failure
> > >
> > > Ger,
> > > According to the downloaded handbook I have with me-your indication
> > > 1ASB2B
> > > 1A is the event that is being reported
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Yahoo! Groups Links

3104. ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 13:19:07 UTC
From: Frank, IZ7AUH - Taranto, Italy
Topic: 3104 Message: 3104

Hi Guys,

I have a question, when I work with my ACOM1000 a tempo is 70/75° is normal temp?

Best 73!

Sincerely and 73,

FIRMA-FRANK1

Francesco Giacoia, IZ7AUH/WZ7AUH

ARI Member - ARRL Member - Strange Radio Team #002 - RBLob - ARMI #097

E-mail: <mailto:hello@...> hello@iz7auh.com - <mailto:wz7auh@...> wz7auh@...

Web: <http://www.iz7auh.com> http://www.iz7auh.com

Phone: +39.349.47.06.795

[Non-text portions of this message have been removed]

3105. Re: [acom-list] ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 14:04:57 UTC
From: Paul M Dunphy
Topic: 3104 Message: 3105

At 10:19 AM 4/23/2009, you wrote:
>Hi Guys,
>
>I have a question, when I work with my ACOM1000 a tempo is 70/75° is normal
>temp?
>
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>
>Best 73!
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>
>Sincerely and 73,
>
>FIRMA-FRANK1
>
>Francesco Giacoia, IZ7AUH/WZ7AUH

Celsius or Fahrenheit? When idling or during/right after transmission?

73, Paul VE1DX

3106. Re: AW: [acom-list] Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 14:23:13 UTC
From: k2qmf@juno.com
Topic: 3100 Message: 3106

Thomas,

The Gigavac relay you need is the GH1 HAM with the 26.5 Volt DC coil...

73,
Ted K2QMF

On Thu, 23 Apr 2009 08:19:25 +0200 "Herrmann, Thomas"
<Thomas.Herrmann@...> writes:
> Kees,
> what type of GigaVac GH1 relay I have to choose for ACOM2000; a
> 12Vdc, 36Vdc or 48Vdc type ??
> Did not get any response yet.
> Thanks in advance.
> 73 de Thomas, DL1AMQ.
>
> -----Urspr?ngliche Nachricht-----
> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
> Auftrag von Kees - pa7two
> Gesendet: Mittwoch, 22. April 2009 23:09
> An: ACOM Reflector site
> Betreff: RE: [acom-list] Re: Acom 1000 failure
>
>
>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers.
> http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met
> Special prijsjes voor ... HAMs :-)
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> Vy 73, de Kees.
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> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING
> BRASS!
>
>
> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure

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> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen
> dat het relais defect raakt.
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> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het
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> was closed all the time during warming up and probably also during
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> the PTT and all back to normal.
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> > Reading all the other posts here regarding a vacuum-relay failure
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> sensitive protection circuitry? Anyone tried the bad vacum-relay
> after removing it from the Acom if it is still functional? and what
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Click now and tackle the dirtiest jobs with the power of a steam cleaner!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTF77bfhmCH4x8dFZ5VsjType8HRpnDhtPf4U0YZhmkCgczptLhIpq/

3107. RE: [acom-list] Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 20:38:48 UTC
From: Kees - pa7two
Topic: 3100 Message: 3107

Hi Uffe,

This wrote Stan to me when I asked why normal relays are used in the Acom 1010 and not the GH-1 or equivalent:

The coil supply voltage is
12V DC while vacuum relays are typically 26.5V DC (although 12V types can be found). The problem is aggravated by the fact, that for QSK a vacuum relay should be powered with at least 1.5 times higher voltage and a R-C pair to speed it up (as it is done in ACOM2000A and ACOM1000).

So, your statement should be correct :-)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!

To: acom-list@yahoogroups.com
From: pa5dd@...
Date: Thu, 23 Apr 2009 09:39:46 +0000
Subject: [acom-list] Re: Acom 1000 failure => ACOM2000

Judging from the schematics ("interface" board) in the file section you need a 26,5 V relay.

48V is applied to the relay, but trough a 330 ohm resistor. This resistance is the same as the coil resistance of the 26,5 V type, so steady-state the coil will have about the half of 48 V of it.

The 48V is used to generate a switching pulse for the relay by the use of a by-pass capacitor across the 330 ohm resistor. This is likely done to speed-up the switching time, but might also be the reason for the limited lifespan of this relay.

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> what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc, 36Vdc or 48Vdc type ??

> Did not get any response yet.

> Thanks in advance.

> 73 de Thomas, DL1AMQ.

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> -----Ursprüngliche Nachricht-----

> Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im

> Auftrag von Kees - pa7two

> Gesendet: Mittwoch, 22. April 2009 23:09

> An: ACOM Reflector site

> Betreff: RE: [acom-list] Re: Acom 1000 failure

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> Gebruik je veel BK-IN Ger?

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de GH-1 met Special prijsjes voor ... HAMs :-)

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> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!

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> To: acom-list@yahoogroups.com

> From: pa5cw@...

> Date: Wed, 22 Apr 2009 10:52:31 +0000

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> Subject: [acom-list] Re: Acom 1000 failure

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> > > -----Original Message-----

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> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf

>

> > > Of stevehurstg8lik2003

>

> > > Sent: Sunday, April 12, 2009 7:11 AM

>

> > > To: acom-list@yahoogroups.com

>

> > > Subject: [acom-list] Re: Acom 1000 failure

>

> > >

>

> > > Ger,

>

> > > According to the downloaded handbook I have with me-your indication

>

> > > 1ASB2B

>

> > > 1A is the event that is being reported

>

> > > SB2 means tests made during standby after the warmup period

>

> > > B means output relay closed

>

> > >

>

> > > I think its trying to tell you the vacuum relay is faulty,at least thats my

>

> > > interpretation.

>

> > > Good luck!

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>

> > > regards, Steve G8LIK

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> Windows Live(tm) Hotmail®:...more than just e-mail.

> http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009

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> [Non-text portions of this message have been removed]

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Rediscover Hotmail®: Now available on your iPhone or BlackBerry
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Mobile2_042009

[Non-text portions of this message have been removed]

3108. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 19:48:40 UTC
From: pe1czg
Topic: 3059 Message: 3108

Thanks both Kees'ses for the reply. I purchased my Acom more then 2 years ago so no warranty anymore.
I don't use full break-in only semi break-in. Question for PA5CW: did you had to replace the vacuum-relay right after the error message or did this message showed up a couple of times before you had to replace it? Since the error message I did not saw it again and the AMP is working like normal. The reason for this question is did the relais fails/stucks immidiatly or did you get some " pre-warnings" first. With pre-warning I mean the TR4B error. If the vacuum-relay already fails after 2 years then I think it's a really weak point in the design. I'm not using the ACOM daily and with periods not even weekly. Semi-breakin is maybe used average one hour per month in total, maybe even less.
I don't like the rattling sound of the relais when using full breakin and I'm also convinced that this may contribute to a broken relais earlier then when you only use the semi-breakin.

Thanks for the replies, best 73's Ger PE1CZG

--- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
>
>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm
de GH-1 met Special prijsjes voor ... HAMs :-)
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
>
> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure

>
>
>
> Ger,
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>
> Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad, relais was defect.
>
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>
> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.
>
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>
> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
>
> 73 Kees PA5CW
>
>
>
> --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
>
> >
>
> > Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
>
> > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
>
> >
>
> > 73's Ger PE1CZG
>
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>
> > --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
>
> > >
>
> > > Perhaps just his PTT line is closed? Easy enough to test.
>
> > >
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> > >
>
> > > -----Original Message-----
>
> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>

> > > Of stevehurstg8lik2003
>
> > > Sent: Sunday, April 12, 2009 7:11 AM
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> > > To: acom-list@yahoogroups.com
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> Windows Live☐ Hotmail®: more than just e-mail.
> http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009
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> [Non-text portions of this message have been removed]
>

3109. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 21:07:25 UTC
From: pe1czg
Topic: 3059 Message: 3109

-Thanks both Kees'ses for the reply. I purchased my Acom more then 2 years ago so no warranty anymore.
I don't use full break-in only semi break-in. Question for PA5CW: did you had to replace the vacuum-relay right after the error message or did this message showed up a couple of times before you had to replace it? Since the error message I did not saw it again and the AMP is working like normal. The reason for this question is did the relais fails/stucks immidiatly or did you get some " pre-warnings" first. With pre-warning I mean the TR4B error. If the vacuum-relay already fails after 2 years then I think it's a really weak point in the design. I'm not using the ACOM daily and with periods not even weekly. Semi-breakin is maybe used average one hour per month in total, maybe even less.
I don't like the rattling sound of the relais when using full breakin and I'm also convinced that this may contribute to a broken relais earlier then when you only use the semi-breakin.

Thanks for the replies, best 73's Ger PE1CZG

-- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
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>
> Gebruik je veel BK-IN Ger?
>
> Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
>
> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure
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> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
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> 73 Kees PA5CW
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> --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
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> > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
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>
> > 73's Ger PE1CZG
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> > >
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> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>
> > > Of stevehurstg8lik2003
>
> > > Sent: Sunday, April 12, 2009 7:11 AM
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> > > To: acom-list@yahoogroups.com
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> Windows Live☐ Hotmail®: more than just e-mail.
> http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009
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> [Non-text portions of this message have been removed]

>

3110. test

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 22:05:44 UTC
From: pe1czg
Topic: 683 Message: 3110

pls ignore

3111. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 20:51:07 UTC
From: pe1czg
Topic: 3059 Message: 3111

Thanks both Kees'ses for the reply. I purchased my Acom more then 2 years ago so no warranty anymore.
I don't use full break-in only semi break-in. Question for PA5CW: did you had to replace the vacuum-relay right after the error message or did this message showed up a couple of times before you had to replace it? Since the error message I did not saw it again and the AMP is working like normal. The reason for this question is did the relais fails/stucks immidiatly or did you get some " pre-warnings" first. With pre-warning I mean the TR4B error. If the vacuum-relay already fails after 2 years then I think it's a really weak point in the design. I'm not using the ACOM daily and with periods not even weekly. Semi-breakin is maybe used average one hour per month in total, maybe even less.
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Thanks for the replies, best 73's Ger PE1CZG

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> Gebruik je veel BK-IN Ger?
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> Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)
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> Vy 73, de Kees.
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> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
>
> To: acom-list@yahoogroups.com
> From: pa5cw@...
> Date: Wed, 22 Apr 2009 10:52:31 +0000
> Subject: [acom-list] Re: Acom 1000 failure
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> PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.
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> Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
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> 73 Kees PA5CW
>
>
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> --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
>
> > >
>
> > Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
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> > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
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> >
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> > 73's Ger PE1CZG
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> > --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
>
> > >
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> > >
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> > > Perhaps just his PTT line is closed? Easy enough to test.
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> > > -----Original Message-----
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> > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
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> > > Of stevehurstg8lik2003
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> > > Sent: Sunday, April 12, 2009 7:11 AM
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> > > To: acom-list@yahoogroups.com
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> Windows Live☐ Hotmail®: more than just e-mail.
> http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009
>
> [Non-text portions of this message have been removed]

>

3112. Re: Acom 1000 failure => ACOM2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-23 21:15:36 UTC
From: Andrey Stoev
Topic: 3100 Message: 3112

As a side note - If I was about to change the vacuum relay I'd go with Kilovac relay (like Kilovac HC-1 (exact replacement for GH-1) or even better HC-3) instead of Gigavac relay. Kilovac relays are a bit more expensive (totally worth) but are far better and more reliable then the Ham version (GH-1) of Gigavac. Gigavac relays are generally made in China btw. Relay replacement is a chore so IMHO one should put in the better relay if can be found for reasonable price!.

73
de Andrey, AE1Z

--- In acom-list@...m, Kees - pa7two <pa7two@...> wrote:
>
>
> Hi Uffe,
>
> This wrote Stan to me when I asked why normal relays are used in the Acom 1010 and not the GH-1 or equivalent:
>
> The coil supply voltage is
> 12V DC while vacuum relays are typically 26.5V DC (although 12V types can be
> found). The problem is aggravated by the fact, that for QSK a vacuum relay
> should be powered with at least 1.5 times higher voltage and a R-C pair to
> speed it up (as it is done in ACOM2000A and ACOM1000).
>
> So, your statement should be correct :-)
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
> Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
>
>
>
> To: acom-list@yahoogroups.com
> From: pa5dd@...
> Date: Thu, 23 Apr 2009 09:39:46 +0000
> Subject: [acom-list] Re: Acom 1000 failure => ACOM2000
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> Judging from the schematics ("interface" board) in the file section you need a 26,5 V relay.
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>
> 48V is applied to the relay, but trough a 330 ohm resistor. This resistance is the same as the coil resistance of the 26,5 V type, so steady-state the coil will have about the half of 48 V of it.
>
>
>
> The 48V is used to generate a switching pulse for the relay by the use of a by-pass capacitor across the 330 ohm resistor. This is likely done to speed-up the switching time, but might also be the reason for the limited lifespan of this relay.
>
>
>
> 73 Uffe PA5DD
>
>
>
> --- In acom-list@yahoogroups.com, "Herrmann, Thomas" <Thomas.Herrmann@> wrote:
>
> >
>
> > Kees,
>
> > what type of GigaVac GH1 relay I have to choose for ACOM2000; a 12Vdc, 36Vdc or 48Vdc

type ??
>
> > Did not get any response yet.
>
> > Thanks in advance.
>
> > 73 de Thomas, DL1AMQ.
>
> >
>
> > -----Ursprüngliche Nachricht-----
>
> > Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]Im
>
> > Auftrag von Kees - pa7two
>
> > Gesendet: Mittwoch, 22. April 2009 23:09
>
> > An: ACOM Reflector site
>
> > Betreff: RE: [acom-list] Re: Acom 1000 failure
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> > Gebruik je veel BK-IN Ger?
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> > > > SB2 means tests made during standby after the warmup period
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> > > > B means output relay closed
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> > > > I think its trying to tell you the vacuum relay is faulty,at least thats my
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> > > > interpretation.
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> > > > Good luck!
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> > > > regards, Steve G8LIK
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> > http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009
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> > [Non-text portions of this message have been removed]
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> Rediscover Hotmail®: Now available on your iPhone or BlackBerry
> http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Mobile2_042009
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> [Non-text portions of this message have been removed]
>

3113. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 00:14:09 UTC
From: Andrey Stoev
Topic: 3059 Message: 3113

I posted on the subject a couple of hours ago but seems that the post was lost (sorry if it shows up and "doubles").
In the early production life of ACOM 1000, they used to use Russian vacuum relays. As with most Russian stuff - they were very rugged and pretty good but without consistency in the quality control - i.e. some were very good (my amp has one of those) and some were junk and broke down soon after. There wasn't good way to tell - just time and usage. Anyway - since the supply of the Russian relays is not reliable ACOM changed the relay.
The newer amps are equipped with Gigavac GH-1. These relays are OK but are made in China so more or less - same thing applies (overall better than the average Russian relay). Of course use of full break-in will shorten the life / expose problems with the quality of the relay.
If I had to change the relay, I would use Kilovac HC-1 (or even better HC-3). Kilovac relays are a bit more expensive but far better and more reliable than the Ham version from Gigavac (GH-1). Installing the relay is not a small job so if you find a Kilovac/Tyco relay for a reasonable price - go ahead and install the Kilovac relay.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
>
> Thanks both Kees'ses for the reply. I purchased my Acom more then 2 years ago so no warranty anymore.
> I don't use full break-in only semi break-in. Question for PA5CW: did you had to replace the vacuum-relay right after the error message or did this message showed up a couple of times before you had to replace it? Since the error message I did not saw it again and the AMP is working like normal. The reason for this question is did the relais fails/stucks immidiatly or did you get some " pre-warnings" first. With pre-warning I mean the TR4B error. If the vacuum-relay already fails after 2 years then I think it's a really weak point in the design. I'm not using the ACOM daily and with periods not even weekly. Semi-breakin is maybe used average one hour per month in total, maybe even less.
> I don't like the rattling sound of the relais when using full breakin and I'm also convinced that this may contribute to a broken relais earlier then when you only use the semi-breakin.
>
> Thanks for the replies, best 73's Ger PE1CZG
>
> --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@> wrote:
> >
> >
> > Gebruik je veel BK-IN Ger?
> >
> > Gigavac relais zijn de vervangers. http://www.gigavac.com/products/relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)
> >
> >
> > Vy 73, de Kees.
> >
> > Member of an all HAM family. ** CW IS! ** DX IS! **

> >
> > AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
> >
> > Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!
> >
> >
> > To: acom-list@yahoogroups.com
> > From: pa5cw@
> > Date: Wed, 22 Apr 2009 10:52:31 +0000
> > Subject: [acom-list] Re: Acom 1000 failure
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> >
> > Ger,
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> >
> > Ik heb de vorige mails niet gezien, maar ik hebv zelf tr4b fout gehad, relais was defect.
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> >
> > PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te komen dat het relais defect raakt.
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> >
> > Als het goed is heb je 2 jaar gearantie, je kunt vragen of je het relais zelf mag vervangen, je moet het oude dan opsturen.
> >
> > 73 Kees PA5CW
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> >
> > --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
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> >
> > > Sorry for late reply but was abroad last days. Indeed the PTT line was closed all the time during warming up and probably also during the self-tests. I use the FT2000 here and power off/on did "reset" the PTT and all back to normal.
> >
> > > Reading all the other posts here regarding a vacuum-relay failure makes me also wonder if the relay is damaged or is it just the sensitive protection circuitry? Anyone tried the bad vacum-relay after removing it from the Acom if it is still functional? and what is wrong with it; contacts burned out or?
> >
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> > > 73's Ger PE1CZG
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> > > --- In acom-list@...m, "Robert Naumann" <W5OV@> wrote:
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> > > > > Perhaps just his PTT line is closed? Easy enough to test.
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> > > > > -----Original Message-----
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> > > > > From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> >
> > > > > Of stevehurstg8lik2003
> >
> > > > > Sent: Sunday, April 12, 2009 7:11 AM
> >
> > > > > To: acom-list@yahoogroups.com
> >
> > > > > Subject: [acom-list] Re: Acom 1000 failure
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> > > > > Ger,
> >
> > > > > According to the downloaded handbook I have with me-your indication
> >
> > > > > 1ASB2B
> >
> > > > > 1A is the event that is being reported
> >
> > > > > SB2 means tests made during standby after the warmup period
> >
> > > > > B means output relay closed
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> > > > > I think its trying to tell you the vacuum relay is faulty,at least thats my
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> > > > > interpretation.
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> > > > > Good luck!
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> > > > regards, Steve G8LIK
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> > Windows Live☐ Hotmail®: more than just e-mail.
> > http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_042009
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> > [Non-text portions of this message have been removed]
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3114. Re: [acom-list] Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 05:06:18 UTC
From: Thomas Herrmann
Topic: 3059 Message: 3114

hi,
in my case the error message appeared rather seldom at the beginning. Later on it appaered from time to time and time slots became shorter and shorter. Before the brake down the failure came up several times during a hour and finally suck.

By the way: thanks for all replays regarding the coil selection. I learnd a lot and allready ordered a new relay for replacement.

73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: "pe1czg" <ghoogendijk@...>
> Gesendet: 24.04.09 02:24:05
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: Acom 1000 failure

> Thanks both Kees'ses for the reply. I purchased my Acom more then 2
> years ago so no warranty anymore.
> I don't use full break-in only semi break-in. Question for PA5CW: did
> you had to replace the vacuum-relay right after the error message or
> did this message showed up a couple of times before you had to
> replace it? Since the error message I did not saw it again and the
> AMP is working like normal. The reason for this question is did the
> relais fails/stucks immidiatly or did you get some " pre-warnings"
> first. With pre-warning I mean the TR4B error. If the vacuum-relay
> already fails after 2 years then I think it's a really weak point in
> the design. I'm not using the ACOM daily and with periods not even
> weekly. Semi-breakin is maybe used average one hour per month in
> total, maybe even less.
> I don't like the rattling sound of the relais when using full breakin
> and I'm also convinced that this may contribute to a broken relais
> earlier then when you only use the semi-breakin.
>
> Thanks for the replies, best 73's Ger PE1CZG
>
> --- In acom-list@yahoogroups.com, Kees - pa7two <pa7two@...> wrote:
> >
> >
> > Gebruik je veel BK-IN Ger?
> >
> > Gigavac relais zijn de vervangers. http://www.gigavac.com/products/
> relays/ham/index.htm de GH-1 met Special prijsjes voor ... HAMs :-)
> >
> >
> > Vy 73, de Kees.

> >
> > Member of an all HAM family. ** CW IS! ** DX IS! **
> >
> > AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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> > Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING
> BRASS!
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> > To: acom-list@yahoogroups.com
> > From: pa5cw@...
> > Date: Wed, 22 Apr 2009 10:52:31 +0000
> > Subject: [acom-list] Re: Acom 1000 failure
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> > PA0O heeft hetzelfde probleem gehad, het schijnt vaker voor te

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> relais zelf mag vervangen, je moet het oude dan opsturen.
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> > 73 Kees PA5CW
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> > --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@> wrote:
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> > > Sorry for late reply but was abroad last days. Indeed the PTT
> line was closed all the time during warming up and probably also
> during the self-tests. I use the FT2000 here and power off/on did "
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> > > Reading all the other posts here regarding a vacuum-relay failure
> makes me also wonder if the relay is damaged or is it just the
> sensitive protection circuitry? Anyone tried the bad vacum-relay
> after removing it from the Acom if it is still functional? and what
> is wrong with it; contacts burned out or?
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> > > 73's Ger PE1CZG
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> > > --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
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> com] On Behalf
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> > > > >
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> > > > According to the downloaded handbook I have with me-your
> indication
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> > > > 1ASB2B
> >
> > > > 1A is the event that is being reported
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> > > > B means output relay closed
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> > > > I think its trying to tell you the vacuum relay is faulty,at
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> > > > regards, Steve G8LIK
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> > Windows Live☐ Hotmail®: more than just e-mail.
> > http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_more_
> 042009
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> > [Non-text portions of this message have been removed]
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Psssst! Schon vom neuen WEB.DE MultiMessenger gehört?
Der kann`s mit allen: http://www.produkte.web.de/messenger/?did=3123

3115. R: [acom-list] ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 12:53:04 UTC
From: Frank, IZ7AUH - Taranto, Italy
Topic: 3104 Message: 3115

During a Operate 70/75° C when is no operate 32°C

Tnx and 73

IZ7AUH Frank

Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto di Paul M Dunphy
Inviato: giovedì 23 aprile 2009 16.05
A: acom-list@yahoogroups.com
Oggetto: Re: [acom-list] ACOM 1000 Temp Op.

At 10:19 AM 4/23/2009, you wrote:
>Hi Guys,
>
>I have a question, when I work with my ACOM1000 a tempo is 70/75° is normal
>temp?
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>
>Best 73!
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>
>Sincerely and 73,
>
>FIRMA-FRANK1
>
>Francesco Giacoia, IZ7AUH/WZ7AUH

Celsius or Fahrenheit? When idling or during/right after transmission?

73, Paul VE1DX

[Non-text portions of this message have been removed]

3116. Re: R: [acom-list] ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 12:59:48 UTC
From: Barry N1EU
Topic: 3104 Message: 3116

That's a normal operating temperature.

73,
Barry N1EU

On Fri, Apr 24, 2009 at 8:53 AM, Frank, IZ7AUH - Taranto, Italy
<iz7auh@...> wrote:
>
>
> During a Operate 70/75° C when is no operate 32°C
>
> Tnx and 73
>
> IZ7AUH Frank
>
> Da: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Per conto
> di Paul M Dunphy
> Inviato: giovedì 23 aprile 2009 16.05
> A: acom-list@yahoogroups.com
> Oggetto: Re: [acom-list] ACOM 1000 Temp Op.
>
> At 10:19 AM 4/23/2009, you wrote:
>>Hi Guys,
>>
>>I have a question, when I work with my ACOM1000 a tempo is 70/75° is normal
>>temp?
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>>Best 73!
>>
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>>
>>Sincerely and 73,
>>
>>FIRMA-FRANK1
>>
>>Francesco Giacoia, IZ7AUH/WZ7AUH
>
> Celsius or Fahrenheit? When idling or during/right after transmission?
>
> 73, Paul VE1DX
>

> [Non-text portions of this message have been removed]
>
>

3117. Re: R: [acom-list] ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 13:01:34 UTC
From: Paul M Dunphy
Topic: 3104 Message: 3117

At 09:53 AM 4/24/2009, you wrote:
>During a Operate 70/75° C when is no operate 32°C
>
>Tnx and 73
>
>IZ7AUH Frank

That sounds normal, Frank. When my ACOM 1000 is idling, it is between 38-42 C, and during a prolonged transmission it gets to about 80 C, but cools off quickly (1-2 minutes or less). The fan is variable speed and as the temperature increases, so does the cooling airflow. Yours sounds like it is working fine to me.

The best thing to do to ensure long tube life is to keep the air intake filter at the rear clean. I vacuum mine about one a month to clean out any dust, etc.

73, Paul VE1DX

3118. RE: R: [acom-list] ACOM 1000 Temp Op.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 14:33:38 UTC
From: Kees - pa7two
Topic: 3104 Message: 3118

My two cents on the question raised:

Running relative low RF output is not that good with regards the temperature. My amps loafs on about 700-800 watts output at around 70-80 degrees celcius, the same sort of temperature applies when running lower power like 400 watts!

400 watts being the legal limit in PA land... :-(

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Statement of the year: THE HECK WITH YOUR MICROPHONE, I'M PAWING BRASS!

To: acom-list@yahoogroups.com
From: amplifier@...
Date: Fri, 24 Apr 2009 10:01:34 -0300
Subject: Re: R: [acom-list] ACOM 1000 Temp Op.

At 09:53 AM 4/24/2009, you wrote:

>During a Operate 70/75° C when is no operate 32°C

>

>Tnx and 73

>

>IZ7AUH Frank

That sounds normal, Frank. When my ACOM

1000 is idling, it is between 38-42 C, and during

a prolonged transmission it gets to about 80 C,

but cools off quickly (1-2 minutes or less). The

fan is variable speed and as the temperature

increases, so does the cooling airflow. Yours

sounds like it is working fine to me.

The best thing to do to ensure long tube

life is to keep the air intake filter at the rear

clean. I vacuum mine about one a month to clean out any dust, etc.

73, Paul VE1DX

_____
Rediscover Hotmail®: Get e-mail storage that grows with you.
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Storage2_042009

[Non-text portions of this message have been removed]

3119. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 15:03:40 UTC
From: pe1czg
Topic: 3059 Message: 3119

Thomas,

Thanks for the info. Can you tell me where you did order the relay and what the price was/is? I'm going to order a replacement as well but found sources in the USA sofar.

Thanks and best 73's Ger PE1CZG

--- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@...> wrote:
>
> hi,
> in my case the error message appeared rather seldom at the beginning. Later on it appaered from time to time and time slots became shorter and shorter. Before the brake down the failure came up several times during a hour and finally suck.
>
> By the way: thanks for all replays regarding the coil selection. I learnd a lot and allready ordered a new relay for replacement.
>
> 73 de Thomas, DL1AMQ
>
> > -----Ursprüngliche Nachricht-----
> > Von: "pe1czg" <ghoogendijk@...>
> > Gesendet: 24.04.09 02:24:05
> > An: acom-list@yahoogroups.com
> > Betreff: [acom-list] Re: Acom 1000 failure
>
>
> > Thanks both Kees'ses for the reply. I purchased my Acom more then 2
> > years ago so no warranty anymore.
> > I don't use full break-in only semi break-in. Question for PA5CW: did
> > you had to replace the vacuum-relay right after the error message or
> > did this message showed up a couple of times before you had to
> > replace it? Since the error message I did not saw it again and the
> > AMP is working like normal. The reason for this question is did the
> > relais fails/stucks immidiatly or did you get some " pre-warnings"
> > first. With pre-warning I mean the TR4B error. If the vacuum-relay
> > already fails after 2 years then I think it's a really weak point in
> > the design. I'm not using the ACOM daily and with periods not even
> > weekly. Semi-breakin is maybe used average one hour per month in
> > total, maybe even less.
> > I don't like the rattling sound of the relais when using full breakin
> > and I'm also convinced that this may contribute to a broken relais
> > earlier then when you only use the semi-breakin.
> >
> > Thanks for the replies, best 73's Ger PE1CZG
> >

3120. Re: [acom-list] Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 20:20:10 UTC
From: Thomas Herrmann
Topic: 3059 Message: 3120

Hello Ger,
I had to order the relay GH1-HAM at GigaVac direct ; the european dealer (HVC Technologie GmbH) has no access onto (cheeper) HAM-version relays. They gave my order to GigaVac and they offered for 77,- US$ (VISA accepted).
If the relay is delivered I will keep You informed about additional costs, if so.
73 de Thomas, DL1AMQ.

> -----Ursprüngliche Nachricht-----
> Von: "pe1czg" <ghoogendijk@...>
> Gesendet: 24.04.09 21:08:19
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: Acom 1000 failure

> Thomas,
>
> Thanks for the info. Can you tell me where you did order the relay
> and what the price was/is? I'm going to order a replacement as well
> but found sources in the USA sofar.
>
> Thanks and best 73's Ger PE1CZG
>
> --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@...> wrote:
> >
> > hi,
> > in my case the error message appeared rather seldom at the
> beginning. Later on it appaered from time to time and time slots
> became shorter and shorter. Before the brake down the failure came up
> several times during a hour and finally suck.
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> > By the way: thanks for all replays regarding the coil selection. I
> learnd a lot and allready ordered a new relay for replacement.
> >
> > 73 de Thomas, DL1AMQ
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: "pe1czg" <ghoogendijk@...>
> > > Gesendet: 24.04.09 02:24:05
> > > An: acom-list@yahoogroups.com
> > > Betreff: [acom-list] Re: Acom 1000 failure
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> >
> > > Thanks both Kees'ses for the reply. I purchased my Acom more then
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> > > years ago so no warranty anymore.
> > > I don't use full break-in only semi break-in. Question for PA5CW:

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> > > replace it? Since the error message I did not saw it again and
> the
> > > AMP is working like normal. The reason for this question is did
> the
> > > relais fails/stucks immidiatly or did you get some " pre-warnings"
>
> > > first. With pre-warning I mean the TR4B error. If the vacuum-
> relay
> > > already fails after 2 years then I think it's a really weak point
> in
> > > the design. I'm not using the ACOM daily and with periods not
> even
> > > weekly. Semi-breakin is maybe used average one hour per month in
> > > total, maybe even less.
> > > I don't like the rattling sound of the relais when using full
> breakin
> > > and I'm also convinced that this may contribute to a broken
> relais
> > > earlier then when you only use the semi-breakin.
> > >
> > > Thanks for the replies, best 73's Ger PE1CZG
> > >
>
>

Psssst! Schon vom neuen WEB.DE MultiMessenger gehört?
Der kann`s mit allen: http://www.produkte.web.de/messenger/?did=3123

3121. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-24 21:36:02 UTC
From: pe1czg
Topic: 3059 Message: 3121

Thanks Thomas for keeping me updated, 77$ is not a bad deal.
I want to order the GH1 myself and of course interested in your expirience. Hope it's not to complicated to exchange the vacuum-relay.

Best 73's Ger PE1CZG

--- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@...> wrote:
>
> Hello Ger,
> I had to order the relay GH1-HAM at GigaVac direct ; the european dealer (HVC Technologie GmbH) has no access onto (cheeper) HAM-version relays. They gave my order to GigaVac and they offered for 77,- US$ (VISA accepted).
> If the relay is delivered I will keep You informed about additional costs, if so.
> 73 de Thomas, DL1AMQ.
>
>
>
> > -----Ursprüngliche Nachricht-----
> > Von: "pe1czg" <ghoogendijk@...>
> > Gesendet: 24.04.09 21:08:19
> > An: acom-list@yahoogroups.com
> > Betreff: [acom-list] Re: Acom 1000 failure
>
>
> > Thomas,
> >
> > Thanks for the info. Can you tell me where you did order the relay
> > and what the price was/is? I'm going to order a replacement as well
> > but found sources in the USA sofar.
> >
> > Thanks and best 73's Ger PE1CZG
> >
> > --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@> wrote:
> > >
> > > hi,
> > > in my case the error message appeared rather seldom at the
> > beginning. Later on it appaered from time to time and time slots
> > became shorter and shorter. Before the brake down the failure came up
> > several times during a hour and finally suck.
> > >
> > > By the way: thanks for all replays regarding the coil selection. I
> > learnd a lot and allready ordered a new relay for replacement.
> > >
> > > 73 de Thomas, DL1AMQ
> > >

> > > > -----Ursprüngliche Nachricht-----
> > > > Von: "pe1czg" <ghoogendijk@>
> > > > Gesendet: 24.04.09 02:24:05
> > > > An: acom-list@yahoogroups.com
> > > > Betreff: [acom-list] Re: Acom 1000 failure
> > > >
> > > >
> > > > > Thanks both Kees'ses for the reply. I purchased my Acom more then
> > 2
> > > > > years ago so no warranty anymore.
> > > > > I don't use full break-in only semi break-in. Question for PA5CW:
> > did
> > > > > you had to replace the vacuum-relay right after the error message
> > or
> > > > > did this message showed up a couple of times before you had to
> > > > > replace it? Since the error message I did not saw it again and
> > the
> > > > > AMP is working like normal. The reason for this question is did
> > the
> > > > > relais fails/stucks immidiatly or did you get some " pre-warnings"
> > >
> > > > > first. With pre-warning I mean the TR4B error. If the vacuum-
> > relay
> > > > > already fails after 2 years then I think it's a really weak point
> > in
> > > > > the design. I'm not using the ACOM daily and with periods not
> > even
> > > > > weekly. Semi-breakin is maybe used average one hour per month in
> > > > > total, maybe even less.
> > > > > I don't like the rattling sound of the relais when using full
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> > relais
> > > > > earlier then when you only use the semi-breakin.
> > > > >
> > > > > Thanks for the replies, best 73's Ger PE1CZG
> > > > >
> > >
> > >
> >
> >
> > _____
> > Psssst! Schon vom neuen WEB.DE MultiMessenger gehört?
> > Der kann`s mit allen: http://www.produkte.web.de/messenger/?did=3123
> >

3122. Re: Acom 1000 failure

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-29 20:08:58 UTC
From: Andrey Stoev
Topic: 3059 Message: 3122

I've uploaded instructions for Vacuum Relay replacement in ACOM 1000, along with some pictures of the relay assembly and pinout.
All files are located in group's Files section in VacRel_A1000 folder.
These files are courtesy of ACOM.
Enjoy!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
>
> Thanks Thomas for keeping me updated, 77$ is not a bad deal.
> I want to order the GH1 myself and of course interested in your expirience. Hope it's not to complicated to exchange the vacuum-relay.
>
> Best 73's Ger PE1CZG
>
> --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@> wrote:
> >
> > Hello Ger,
> > I had to order the relay GH1-HAM at GigaVac direct ; the european dealer (HVC Technologie GmbH) has no access onto (cheeper) HAM-version relays. They gave my order to GigaVac and they offered for 77,- US$ (VISA accepted).
> > If the relay is delivered I will keep You informed about additional costs, if so.
> > 73 de Thomas, DL1AMQ.
> >
> >
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: "pe1czg" <ghoogendijk@>
> > > Gesendet: 24.04.09 21:08:19
> > > An: acom-list@yahoogroups.com
> > > Betreff: [acom-list] Re: Acom 1000 failure
> >
> >
> > > Thomas,
> > >
> > > Thanks for the info. Can you tell me where you did order the relay
> > > and what the price was/is? I'm going to order a replacement as well
> > > but found sources in the USA sofar.
> > >
> > > Thanks and best 73's Ger PE1CZG
> > >
> > > --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@> wrote:
> > > >

> > > > hi,
> > > > in my case the error message appeared rather seldom at the
> > > beginning. Later on it appaered from time to time and time slots
> > > became shorter and shorter. Before the brake down the failure came up
> > > several times during a hour and finally suck.
> > > >
> > > > By the way: thanks for all replays regarding the coil selection. I
> > > learnd a lot and allready ordered a new relay for replacement.
> > > >
> > > > 73 de Thomas, DL1AMQ
> > > >
> > > > > -----Ursprüngliche Nachricht-----
> > > > > Von: "pe1czg" <ghoogendijk@>
> > > > > Gesendet: 24.04.09 02:24:05
> > > > > An: acom-list@yahoogroups.com
> > > > > Betreff: [acom-list] Re: Acom 1000 failure
> > > > >
> > > > >
> > > > > Thanks both Kees'ses for the reply. I purchased my Acom more then
> > > 2
> > > > > years ago so no warranty anymore.
> > > > > I don't use full break-in only semi break-in. Question for PA5CW:
> > > did
> > > > > you had to replace the vacuum-relay right after the error message
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> > > > > did this message showed up a couple of times before you had to
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> > > > > AMP is working like normal. The reason for this question is did
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> > > relay
> > > > > already fails after 2 years then I think it's a really weak point
> > > in
> > > > > the design. I'm not using the ACOM daily and with periods not
> > > even
> > > > > weekly. Semi-breakin is maybe used average one hour per month in
> > > > > total, maybe even less.
> > > > > I don't like the rattling sound of the relais when using full
> > > breakin
> > > > > and I'm also convinced that this may contribute to a broken
> > > relais
> > > > > earlier then when you only use the semi-breakin.
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> > > > > Thanks for the replies, best 73's Ger PE1CZG
> > > > >
> > > >
> > > >

> >
> >
> > _____
> > Pssst! Schon vom neuen WEB.DE MultiMessenger gehört?
> > Der kann`s mit allen: http://www.produkte.web.de/messenger/?did=3123
> >
>

3123. Re: [acom-list] Re: Acom 1000 failure => Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-29 20:32:33 UTC
From: Thomas Herrmann
Topic: 3123 Message: 3123

Great service, Andrey.
Is the same info available for Acom2000 also ?

I got the ordered GigaVac vacuum relay GH1 today; very fast delivery.
In addition I had to pay 31 ☐ for incoming tax. But I'm happy to have the spare part available for replacement.
73 de Thomas, DL1AMQ.

> -----Ursprüngliche Nachricht-----
> Von: "Andrey Stoev" <kotjunk@...>
> Gesendet: 29.04.09 22:09:27
> An: acom-list@yahoogroups.com
> Betreff: [acom-list] Re: Acom 1000 failure

> I've uploaded instructions for Vacuum Relay replacement in ACOM 1000,
> along with some pictures of the relay assembly and pinout.
> All files are located in group's Files section in VacRel_A1000 folder.
> These files are courtesy of ACOM.
> Enjoy!
>
> 73
> de Andrey, AE1Z
>
> --- In acom-list@yahoogroups.com, "pe1czg" <ghoogendijk@...> wrote:
> >
> > Thanks Thomas for keeping me updated, 77$ is not a bad deal.
> > I want to order the GH1 myself and of course interested in your
> expirience. Hope it's not to complicated to exchange the vacuum-relay.
> >
> > Best 73's Ger PE1CZG
> >
> > --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@> wrote:
> > >
> > > Hello Ger,
> > > I had to order the relay GH1-HAM at GigaVac direct ; the european
> dealer (HVC Technologie GmbH) has no access onto (cheeper) HAM-
> version relays. They gave my order to GigaVac and they offered for 77,
> - US$ (VISA accepted).
> > > If the relay is delivered I will keep You informed about
> additional costs, if so.
> > > 73 de Thomas, DL1AMQ.
> > >
> > >
> > >
> > > > -----Ursprüngliche Nachricht-----
> > > > Von: "pe1czg" <ghoogendijk@>
> > > > Gesendet: 24.04.09 21:08:19

> > > > An: acom-list@yahoogroups.com
> > > > Betreff: [acom-list] Re: Acom 1000 failure
> > > >
> > > >
> > > > Thomas,
> > > > >
> > > > Thanks for the info. Can you tell me where you did order the
> relay
> > > > and what the price was/is? I'm going to order a replacement as
> well
> > > > but found sources in the USA sofar.
> > > > >
> > > > Thanks and best 73's Ger PE1CZG
> > > > >
> > > > --- In acom-list@yahoogroups.com, Thomas Herrmann <dl1amq@>
> wrote:
> > > > > >
> > > > > hi,
> > > > > in my case the error message appeared rather seldom at the
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> > > > became shorter and shorter. Before the brake down the failure
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> > > > several times during a hour and finally suck.
> > > > > >
> > > > > By the way: thanks for all replays regarding the coil
> selection. I
> > > > learnd a lot and allready ordered a new relay for replacement.
> > > > > >
> > > > > 73 de Thomas, DL1AMQ
> > > > > >
> > > > > > -----Ursprüngliche Nachricht-----
> > > > > > Von: "pe1czg" <ghoogendijk@>
> > > > > > Gesendet: 24.04.09 02:24:05
> > > > > > An: acom-list@yahoogroups.com
> > > > > > Betreff: [acom-list] Re: Acom 1000 failure
> > > > > >
> > > > > >
> > > > > > Thanks both Kees'ses for the reply. I purchased my Acom
> more then
> > > > 2
> > > > > > years ago so no warranty anymore.
> > > > > > I don't use full break-in only semi break-in. Question for
> PA5CW:
> > > > did
> > > > > > you had to replace the vacuum-relay right after the error
> message
> > > > or
> > > > > > did this message showed up a couple of times before you had
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> > > > > > replace it? Since the error message I did not saw it again
> and
> > > > > the
> > > > > > > AMP is working like normal. The reason for this question is
> did
> > > > > the
> > > > > > > relais fails/stucks immidiatly or did you get some " pre-
> warnings"
> > > > >
> > > > > > > first. With pre-warning I mean the TR4B error. If the
> vacuum-
> > > > > relay
> > > > > > > already fails after 2 years then I think it's a really weak
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> > > > > in
> > > > > > > the design. I'm not using the ACOM daily and with periods
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> > > > > even
> > > > > > > weekly. Semi-breakin is maybe used average one hour per
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> > > > > > > total, maybe even less.
> > > > > > > I don't like the rattling sound of the relais when using
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> > > > > breakin
> > > > > > > and I'm also convinced that this may contribute to a broken
> > > > > relais
> > > > > > > earlier then when you only use the semi-breakin.
> > > > > > >
> > > > > > > Thanks for the replies, best 73's Ger PE1CZG
> > > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > _____
> > > Psssst! Schon vom neuen WEB.DE MultiMessenger gehört?
> > > Der kann`s mit allen: http://www.produkte.web.de/messenger/?did=
> 3123
> > >
> >
>
>

_____
GRATIS für alle WEB.DE-Nutzer: Die maxdome Movie-FLAT!
Jetzt freischalten unter http://movieflat.web.de

3124. Kilovac 1 vacuum relay source

Yahoo group: acom-list (1999 — 2009)
Date: 2009-04-29 22:00:16 UTC
From: pe1czg
Topic: 3124 Message: 3124

I ordered a new Kilovac HC-1 here in the Netherlands:
http://www.elektrodump.nl/ then go to Schakelaars / relays -> HF + HV + Coaxial relays

Cost per relay: 18,50 Euro brand new.

73's Ger PE1CZG

3125. Acom 1000 Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-01 18:56:04 UTC
From: vprez100
Topic: 3125 Message: 3125

I have an Acom 1000 which is over 2 years old it had a fault develop on the 24vp supply C5 had to be replaced It had gone faulty, My amp now works OK however has a strange fault when I first switch it on the temperature reads - 14c or 3f which does increase as I use the amp after use it goes up to 0c or 28f so is working however seems to need calibrating
can any one please help or have any ideas I feel that may be there is a factory reset like the one on the 2000.
But can find no reference anywhere to calibration or reset.

3126. Acom amps

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-01 19:41:45 UTC
From: John Sheeley
Topic: 3126 Message: 3126

Acom owners

There looks like their is a new dealer for Acom amps in the US.

http://www.arraysolutions.com/Products/acom.htm

73
John wb4qda

3127. Re: [acom-list] Acom amps

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-01 21:50:22 UTC
From: Bill NY9H
Topic: 3126 Message: 3127

Jay is no fool .....
he now has not just another AMP line ..... he has THE AMP LINE .

bill ny9h

At 02:41 PM 5/1/2009, you wrote:
>Acom owners
>
>There looks like their is a new dealer for Acom amps in the US.
>
>http://www.arraysolutions.com/Products/acom.htm
>
>
>73
>John wb4qda
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

3128. NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-04 16:45:34 UTC
From: Kees - pa7two
Topic: 3128 Message: 3128

Hi all,

Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)

Photos, pricing etc available on request via e-mail.

In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Windows Live?: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009

[Non-text portions of this message have been removed]

3129. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-04 17:19:47 UTC
From: BMarton
Topic: 3128 Message: 3129

Are these matched sets? Or can matched sets be made available? Also what price points.

Thanks,

Bruce K1XR

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kees - pa7two
Sent: Monday, May 04, 2009 12:46 PM
To: ACOM Reflector site
Subject: [acom-list] NOS GU74B 02-2007 available FS

Hi all,

Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)

Photos, pricing etc available on request via e-mail.

In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

_____
Windows LiveT: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009

[Non-text portions of this message have been removed]

Yahoo! Groups Links

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4052 (20090504) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

3130. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-04 19:33:40 UTC
From: Kees - pa7two
Topic: 3128 Message: 3130

Dear all,

Please be aware of the following:

Two hours after my message all the 2007 tubes are sold out... There were only a small amount available.

However, GU74B tubes year 2002 and 1989-1992 are still available, also in low quantities. Pairs (not matched) from same productions runs are available too.

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

> To: acom-list@yahoogroups.com
> From: pa7two@...
> Date: Mon, 4 May 2009 16:45:34 +0000
> Subject: [acom-list] NOS GU74B 02-2007 available FS
>
>
> Hi all,
>
> Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)
>
> Photos, pricing etc available on request via e-mail.
>
> In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
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>
> _____
> Windows Live?: Keep your life in sync.
> http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009

>
> [Non-text portions of this message have been removed]
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

____
Insert movie times and more without leaving Hotmail?.
http://windowslive.com/Tutorial/Hotmail/QuickAdd?ocid=TXT_TAGLM_WL_HM_Tutorial_QuickAdd1_052009

[Non-text portions of this message have been removed]

3131. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 15:47:14 UTC
From: Leo
Topic: 3128 Message: 3131

Kees,

Wat is de vergoeding voor zo,n tube?
Kan ie zo gebruikt worden in een Acom 1000 met volledige specs?

Mvrgr,

Leo

-----Oorspronkelijk bericht-----
Van: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Namens Kees - pa7two
Verzonden: maandag 4 mei 2009 18:46
Aan: ACOM Reflector site
Onderwerp: [acom-list] NOS GU74B 02-2007 available FS

Hi all,

Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)

Photos, pricing etc available on request via e-mail.

In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)

Vy 73, de Kees.

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_____
Windows LiveT: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009

[Non-text portions of this message have been removed]

Yahoo! Groups Links

3132. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 18:11:47 UTC
From: Joel Kornreich
Topic: 3128 Message: 3132

I think it's unfair to promote GU74B tubes for the Acom 2000A if the tubes are not matched. The tubes must be matched and there are still dealers out there that sell and completely test matched pairs. I don't think people want to get a set that might work and certainly not being matched.

In addition, it would be a big surprise to find out the GU74B tubes came from a batch from the year 2007.

Joel, K2QBV

> To: acom-list@yahoogroups.com
> From: pa7two@...
> Date: Mon, 4 May 2009 19:33:40 +0000
> Subject: RE: [acom-list] NOS GU74B 02-2007 available FS
>
>
> Dear all,
>
> Please be aware of the following:
>
> Two hours after my message all the 2007 tubes are sold out... There were only a small amount available.
>
> However, GU74B tubes year 2002 and 1989-1992 are still available, also in low quantities. Pairs (not matched) from same productions runs are available too.
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
>
>
> > To: acom-list@yahoogroups.com
> > From: pa7two@...
> > Date: Mon, 4 May 2009 16:45:34 +0000
> > Subject: [acom-list] NOS GU74B 02-2007 available FS
> >
> >
> > Hi all,
> >
> > Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)
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> > Photos, pricing etc available on request via e-mail.
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> > In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)
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> > Vy 73, de Kees.
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> > AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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> > Windows Live?: Keep your life in sync.
> > http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009
> >
> > [Non-text portions of this message have been removed]
> >
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> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> _____
> Insert movie times and more without leaving Hotmail?.
> http://windowslive.com/Tutorial/Hotmail/QuickAdd?ocid=TXT_TAGLM_WL_HM_Tutorial_QuickAdd1_052009
>
> [Non-text portions of this message have been removed]
>
>
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> Yahoo! Groups Links
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Hotmail? has ever-growing storage! Don?t worry about storage limits.

http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutorial_Storage1_052009

[Non-text portions of this message have been removed]

3133. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 18:30:29 UTC
From: Barry N1EU
Topic: 3128 Message: 3133

On Tue, May 5, 2009 at 2:11 PM, Joel Kornreich <k2qbv@...> wrote:
>
>
> I think it's unfair to promote GU74B tubes for the Acom 2000A if the tubes are not matched. The tubes must be matched and there are still dealers out there that sell and completely test matched pairs.

My personal experience suggests that matching is really not that critical. I've tested 6 tubes purchased individually and had no issues pairing them up randomly in the 2000A, based on Acom's matching standard.

73,
Barry N1EU

3134. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 18:43:09 UTC
From: Paul M Dunphy
Topic: 3128 Message: 3134

At 03:11 PM 5/5/2009, you wrote:

>I think it's unfair to promote GU74B tubes for the Acom 2000A if the
>tubes are not matched. The tubes must be matched and there are still
>dealers out there that sell and completely test matched pairs. I
>don't think people want to get a set that might work and certainly
>not being matched.
>
>
>
>In addition, it would be a big surprise to find out the GU74B tubes
>came from a batch from the year 2007.
>
>
>
>Joel, K2QBV

For one thing, Svetlana never made GU74b tubes. The GU74b designation is the former Soviet Union's term of their most commonly used MILITARY tube. It is dull looking, has Cyrillic writing on it, and they were made in large quantities in state sponsored factories in the East Bloc prior to 1991. Svetlana made a COMERCIAL 4CX800A tube that was electrically equivalent to the MILITARY GU74b tube used by the Soviet Union. They are not the same things. The 4CX800A is polished, and has Svetlana and 4CX800A written on it. It looks very much like an EIMAC 8877, etc. I know, because I have had both a GU74b and a Svetlana 4CX800A in my hands and examined them carefully. They are not the same. They might both work in ACOM amps, but they are very different looking tubes originating from very different factories, and they were designed with different uses in mind.

Every month or so this same argument comes up on this list. In my view, and I am not a list moderator so I have no authority here, this forum should not be the venue to buy and sell these tubes. There are far too many misconceptions flying around, false information everywhere on the Internet, etc. All of us have our own ways of finding spares and of deciding if the story of the day is right. The best thing to do is to talk to ACOM or other vendors of Ham radio equipment who sell these tubes.

This is a good forum for the exchange of information on ACOM amps, how to diagnose problems, etc. I don't feel it serves anyone's purpose if we use it to sell NOS tubes and turn this into a Swap Shop. There are plenty of them on eBay if we don't trust or can't find regular vendors who sell tubes.

73, Paul VE1DX

3135. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 18:48:19 UTC
From: N2TK
Topic: 3128 Message: 3135

Why would matching be so critical? Over the past couple of years I have bought 8 GU-74B's on eBay. Tried them all out in my 2000A. They all work fine. What I did do was put them in pairs by temperature so they both would get up to similar temperatures at high power with key down for a while. When I lost my first tube I replaced it with a NOS. The temperature was around 10 degrees difference at high power between the original and "new" tube. But similar power out as before and did not notice anything weird or not running correctly.

Am I missing something about tube matching in this amp?

73,
N2TK, Tony

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Joel Kornreich
Sent: Tuesday, May 05, 2009 2:12 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] NOS GU74B 02-2007 available FS

I think it's unfair to promote GU74B tubes for the Acom 2000A if the tubes are not matched. The tubes must be matched and there are still dealers out there that sell and completely test matched pairs. I don't think people want to get a set that might work and certainly not being matched.

In addition, it would be a big surprise to find out the GU74B tubes came from a batch from the year 2007.

Joel, K2QBV

> To: acom-list@yahoogroups.com
> From: pa7two@...
> Date: Mon, 4 May 2009 19:33:40 +0000
> Subject: RE: [acom-list] NOS GU74B 02-2007 available FS
>
>
> Dear all,
>
> Please be aware of the following:
>
> Two hours after my message all the 2007 tubes are sold out... There were only a small amount available.
>
> However, GU74B tubes year 2002 and 1989-1992 are still available, also in low quantities. Pairs (not matched) from same productions runs are available too.

>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
>
>
> > To: acom-list@yahoogroups.com
> > From: pa7two@...
> > Date: Mon, 4 May 2009 16:45:34 +0000
> > Subject: [acom-list] NOS GU74B 02-2007 available FS
> >
> >
> > Hi all,
> >
> > Now available in limited quantities: Svetlana GU74B tubes, manufactured
in 02-2007 (No, it is not a typo, production year 2007!!)
> >
> > Photos, pricing etc available on request via e-mail.
> >
> > In case you need my e-mail address, use www.qrz.com for the lookup <
pa7two > (or just use at hotmail dot com)
> >
> >
> > Vy 73, de Kees.
> >
> > Member of an all HAM family. ** CW IS! ** DX IS! **
> >
> > AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
> >
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> > _____
> > Windows LiveT: Keep your life in sync.
> > http://windowslive.com/explore?ocid=TXT_TAGLM_BR_life_in_synch_052009
> >
> > [Non-text portions of this message have been removed]
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> >
> > Yahoo! Groups Links
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> _____
> Insert movie times and more without leaving HotmailR.
>
http://windowslive.com/Tutorial/Hotmail/QuickAdd?ocid=TXT_TAGLM_WL_HM_Tutori
al_QuickAdd1_052009
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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HotmailR has ever-growing storage! Don't worry about storage limits.
http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutoria
l_Storage1_052009

[Non-text portions of this message have been removed]

Yahoo! Groups Links

3136. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 18:59:30 UTC
From: Joel Kornreich
Topic: 3128 Message: 3136

Assume that your response was to my posting. It was my intention to provide info on the matched pair situation.

I have never sold anything on the reflector and agree with you as it's not the place to promote tube sales. I have seen and spoke to people that got taken in when they heard a GU74B was up for grabs.

Joel, K2QBV

To: acom-list@yahoogroups.com
From: amplifier@...
Date: Tue, 5 May 2009 15:43:09 -0300
Subject: RE: [acom-list] NOS GU74B 02-2007 available FS

At 03:11 PM 5/5/2009, you wrote:

>I think it's unfair to promote GU74B tubes for the Acom 2000A if the
>tubes are not matched. The tubes must be matched and there are still
>dealers out there that sell and completely test matched pairs. I
>don't think people want to get a set that might work and certainly
>not being matched.
>
>
>
>In addition, it would be a big surprise to find out the GU74B tubes
>came from a batch from the year 2007.
>
>
>
>Joel, K2QBV

For one thing, Svetlana never made GU74b tubes. The GU74b designation is the former Soviet Union's term of their most commonly used MILITARY tube. It is dull looking, has Cyrillic writing on it, and they were made in large quantities in state sponsored factories in the East Bloc prior to 1991. Svetlana made a COMERCIAL 4CX800A tube that was electrically equivalent to the MILITARY GU74b tube used by the Soviet Union. They are not the same things. The 4CX800A is polished, and has Svetlana and 4CX800A written on it. It looks very much like an EIMAC 8877, etc. I know, because I have had both a GU74b and a Svetlana 4CX800A in my hands and examined them carefully. They are not the same. They might both work in ACOM amps, but they are very different looking tubes originating from very different factories, and they were designed with different uses in mind.

Every month or so this same argument comes up on this list. In my view, and I am not a list moderator so I have no authority here,

this forum should not be the venue to buy and sell these tubes. There are far too many misconceptions flying around, false information everywhere on the Internet, etc. All of us have our own ways of finding spares and of deciding if the story of the day is right. The best thing to do is to talk to ACOM or other vendors of Ham radio equipment who sell these tubes.

This is a good forum for the exchange of information on ACOM amps, how to diagnose problems, etc. I don't feel it serves anyone's purpose if we use it to sell NOS tubes and turn this into a Swap Shop. There are plenty of them on eBay if we don't trust or can't find regular vendors who sell tubes.

73, Paul VE1DX

_____
Hotmail® has a new way to see what's up with your friends.
http://windowslive.com/Tutorial/Hotmail/WhatsNew?ocid=TXT_TAGLM_WL_HM_Tutorial_WhatsNew1_052009

[Non-text portions of this message have been removed]

3137. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 19:16:32 UTC
From: Paul M Dunphy
Topic: 3128 Message: 3137

At 03:59 PM 5/5/2009, you wrote:

>
>
>Assume that your response was to my posting. It was my intention to
>provide info on the matched pair situation.

Absolutely not, Joel. If my post came across as directed at
you, I apologize to you and the list members.

73, Paul VE1DX

3138. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-05 19:58:03 UTC
From: LA8AW
Topic: 3128 Message: 3138

An interesting aspect in this discussion:

Try to order a GU-74B from ACOM.

They do not sell them.......Period!

ACOM has in a mail from their Technical Dept., dated May 5th 2008 (1 year ago today!) - listed 7-8 places to get hold of replacement tubes,
and also mention Kees PA7TWO sells good tubes.

The mail is signed by Stan LZ1IU.

When checking out the suppliers on the list - Kees was 1 of 2 who answered on an email request.

ACOM users shoud be very happy that they have people like Kees - who probably spend quite a lot of time and effort to find sources for this kind of tubes.

And a mail now and then - on this list to tell that tubes is available - for me that is not a problem at all - that is just valuable informations for
owners of ACOM PA's,

On Tue, May 5, 2009 at 21:16, Paul M Dunphy <amplifier@...> wrote:
>
>
> At 03:59 PM 5/5/2009, you wrote:
>
>>
>>
>>Assume that your response was to my posting. It was my intention to
>>provide info on the matched pair situation.
>
> Absolutely not, Joel. If my post came across as directed at
> you, I apologize to you and the list members.
>
> 73, Paul VE1DX
>
>

--

---

73 de LA8AW - Odd-Egil

3139. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 05:39:40 UTC
From: Hans Remeeus
Topic: 3128 Message: 3139

Could be, but all the advertisements of Kees for his tubes in this
Acom-group begin to look as SPAM and I receive more than enough of them
daily...

A few months ago someone else in the Acom-group asked Kees to stop with
his tube-SPAM, but Kees does not want to stop.

When I sell something of my radiohobby I use sites like
http://www.eham.net/classifieds/ (or hundreds others like this one) and
not a group like our Acom-group.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

LA8AW schreef:
>
> An interesting aspect in this discussion:
>
> Try to order a GU-74B from ACOM.
>
> They do not sell them.......Period!
>
> ACOM has in a mail from their Technical Dept., dated May 5th 2008 (1
> year ago today!) - listed 7-8 places to get hold of replacement
> tubes,
> and also mention Kees PA7TWO sells good tubes.
>

3140. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 08:36:49 UTC
From: LA7SL Nils "Peter"
Topic: 3128 Message: 3140

I fully agree to what LA8AW says here !
I got the same written response from Acom Bulgaria when I tried to order new tubes for our clubs 2000A. In addition I tried to contact Svetlana. After some time I got a response telling me they did not make any GU74B or 4CX800 tubes, and the lady that contacted me did not know if such plans existed at the present time.
Acom in USA did for some reason not even answer my emails...might have been a case of lost mails though....
Kees PA7TWO sent us some very good tubes...they match to within 2 degrees centigrade at full power after adjusting per Acoms instructions ! And Kees never even claimed they were matched ! :-)
The tubes have now performed excellent in many 48 hour contests. Thank you to Kees for his excellent
service !
These tubes are not, and I repeat NOT available as a standard stock item anywhere !
Some dealers (only one that I know of....) offer them NOS and tested/matched...but it is always a question of availability !
The are scarce,- and will be ever more so as time goes by, Keep up your service Kees !
Peter
LA7SL

----- Original Message -----
From: LA8AW
To: acom-list@yahoogroups.com
Sent: Tuesday, May 05, 2009 9:58 PM
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

An interesting aspect in this discussion:

Try to order a GU-74B from ACOM.

They do not sell them.......Period!

ACOM has in a mail from their Technical Dept., dated May 5th 2008 (1 year ago today!) - listed 7-8 places to get hold of replacement tubes,
and also mention Kees PA7TWO sells good tubes.

The mail is signed by Stan LZ1IU.

When checking out the suppliers on the list - Kees was 1 of 2 who answered on an email request.

ACOM users shoud be very happy that they have people like Kees - who probably spend quite a lot of time and effort to find sources for this kind of tubes.

And a mail now and then - on this list to tell that tubes is available
- for me that is not a problem at all - that is just valuable
informations for
owners of ACOM PA's,

On Tue, May 5, 2009 at 21:16, Paul M Dunphy <amplifier@...> wrote:
>
>
> At 03:59 PM 5/5/2009, you wrote:
>
>>
>>
>>Assume that your response was to my posting. It was my intention to
>>provide info on the matched pair situation.
>
> Absolutely not, Joel. If my post came across as directed at
> you, I apologize to you and the list members.
>
> 73, Paul VE1DX
>
>

--

_____

73 de LA8AW - Odd-Egil

_____

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.323 / Virus Database: 270.12.19/2099 - Release Date: 05/05/09 13:07:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.323 / Virus Database: 270.12.19/2099 - Release Date: 05/05/09 13:07:00

[Non-text portions of this message have been removed]

3141. Re: Acom 1000 Problem

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 12:09:38 UTC
From: vprez100
Topic: 3125 Message: 3141

--- In acom-list@yahoogroups.com, "vprez100" <m0nrh@...> wrote:
>
> I have an Acom 1000 which is over 2 years old it had a fault develop on the 24vp supply C5 had to be replaced It had gone faulty, My amp now works OK however has a strange fault when I first switch it on the temperature reads - 14c or 3f which does increase as I use the amp after use it goes up to 0c or 28f so is working however seems to need calibrating
> can any one please help or have any ideas I feel that may be there is a factory reset like the one on the 2000.
> But can find no reference anywhere to calibration or reset.
>
Please someone must have some ideas?

3142. Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 09:42:47 UTC
From: Hal Kennedy
Topic: 3142 Message: 3142

I almost posted a long technical discussion yesterday on why matching is unnecessary but held back. Now that the claim has been made that matched tubes are necessary - I would like to learn why. Will anyone who believes a 2000A needs a matched set provide a TECHNICAL BASED defense of their belief?

I appreciate Kees' offers of tubes for sale. At times the tubes are hard to find, and at times its easy to get bad ones on eBay - Kees sells only good ones when he can get some - a service to us all. They aren't matched and trust me, they don't need to be.

73,

Hal N4GG

[Non-text portions of this message have been removed]

3143. Re: [acom-list] Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 14:06:09 UTC
From: Paul M Dunphy
Topic: 3142 Message: 3143

At 06:42 AM 5/6/2009, you wrote:
>I almost posted a long technical discussion yesterday on why matching is
>unnecessary but held back. Now that the claim has been made that
>matched tubes are necessary - I would like to learn why. Will anyone
>who believes a 2000A needs a matched set provide a TECHNICAL BASED
>defense of their belief?
>
>
>
>I appreciate Kees' offers of tubes for sale. At times the tubes are
>hard to find, and at times its easy to get bad ones on eBay - Kees sells
>only good ones when he can get some - a service to us all. They aren't
>matched and trust me, they don't need to be.
>
>
>
>73,
>
>Hal N4GG

I am not an Electrical Engineer and I have an single tube ACOM-1000, so I can't provide you with a technical explanation on my own. However, the issue of matched tubes in multi-tube amps as come up since I've been licensed, and a person who WAS qualified put it to me this way:

"Think of the tubes as 2 resistors in parallel. Assume they are 100 ohm resistors and you apply 1000 volts across all of them. If one is really 110 ohms and the other is 90 ohms, the one that is 90 ohms will carry 20% more current than the one that is 110 ohms. Hence the tubes will be doing unequal amounts of 'work' and it just makes sense to have them bothl the same, whether they both be 110 or both 90." He went on to say that in the old days, suppliers didn't measure anything in the tube itself. They just stuck pairs in (like 811As, 572Bs, 3-500Zs, etc) until they got two that had close to the same plate current and called them a matched set.

I always thought of it in these simplistic terms. If there is more to it than that, please elucidate.

I'm interested in finding out if my simple explanation of why tubes should be matched is right. I don't think there is an easy way to measure the resistance/impedance of these things outside the amp. It is further my guess those who are claim matched sets are using temperature as indirect, anecdotical evidence that the tubes are carrying the same load. This makes sense because they would be

dissipating the same amount of power when matched and should have about the same temperature in the exhaust air if the tubes are "matched." Am I correct?

73, Paul VE1DX

3144. Re: Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 14:52:56 UTC
From: Jerry
Topic: 3142 Message: 3144

--- In acom-list@yahoogroups.com, "Hal Kennedy" <halken@...> wrote:
>
> I almost posted a long technical discussion yesterday on why matching is
> unnecessary but held back. Now that the claim has been made that
> matched tubes are necessary - I would like to learn why. Will anyone
> who believes a 2000A needs a matched set provide a TECHNICAL BASED
> defense of their belief?
>
> 73,
>
> Hal N4GG
>
I, too, am not technically qualified to offer any technical reason as to why the tubes in the 2000A must be matched. But I believe VE1DX's explanation does have some merit. From the Acom OPERATING MANUAL it states the following;

"6-4. Tubes Replacement
The new tubes must be supplied as a Matched Pair with close electrical characteristics. Otherwise one
of the tubes will bear an excessive share of the operating currents, which will lead to overheating and
reduced tube life."

Perhaps we should follow the manufacturers recommendation as closely as possible?

And in defense of Kees I would encourage him or anyone else who has a parts source for Acom's to continue to post the availability and sources for those parts.

73, Jerry N8BM

3145. RE: [acom-list] Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 15:05:47 UTC
From: BMarton
Topic: 3142 Message: 3145

Here is my personal experience on the matched tube matter:

My 2000A lost one tube and just prior to the failure; the tube which went out started to operate at a much higher temperature range vs. the other one. The two were always within a few degrees of each other and then suddenly there was about a 12 to 15 degree differential.

Krassy dropped over to my place one weekend with a box of new tubes and he installed several pairs until he found two that met certain parameters in the set up, and don't ask me to tell you what they were, because I don't recall. However he was very careful to pick out two that were "matched" based on the parameters of the amp. He then aligned the amp and that was it. After the new set was in and aligned, I notice the two tubes were running at almost identical temperatures and still do. They were even better then the two that came with amp when purchased new.

I agree with the analogy on the parallel resistors. A mismatched tube will draw more current and hence run hotter which should cause it to sustain more stress than the other tube. But that is just my opinion. I am not an electrical guy, I am a physics guy, so what do I know? My old 30L-1 running 4 811A's always was an issue trying to find 4 that glowed the same on the plates. The ones which were glowing hotter always melted through prematurely and as such I used to swap tubes around until I found 4 with equal heating. When I did that, they lasted much longer than the random sets with certain tubes pulling more current.

Bruce K1XR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Paul M Dunphy
Sent: Wednesday, May 06, 2009 10:06 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Matched tubes

[Non-text portions of this message have been removed]

3146. Re: [acom-list] Re: Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 15:10:53 UTC
From: Barry N1EU
Topic: 3142 Message: 3146

On Wed, May 6, 2009 at 10:52 AM, Jerry <jerry.van@...> wrote:
> "6-4. Tubes Replacement
> The new tubes must be supplied as a Matched Pair with close electrical
> characteristics. Otherwise one
> of the tubes will bear an excessive share of the operating currents, which
> will lead to overheating and
> reduced tube life."
>
> Perhaps we should follow the manufacturers recommendation as closely as
> possible?

The factory (i.e., Stan) defines a match as a difference of 8 degrees
or less in exhaust air temperatures of the two tubes. This is easily
accomplished.

Some folks are going to feel safer purchasing "matched" pairs and
others of us are confident in fending for ourselves.

73,
Barry N1EU

3147. Re: Matched tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-06 21:38:55 UTC
From: hubert.hamacher
Topic: 3142 Message: 3147

Hello,

How many hours can I use the two GU74b in the ACOM 2000 before changing?

73! Hubert, DJ9JX

3148. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-07 15:53:37 UTC
From: oh2bps
Topic: 3128 Message: 3148

Hi

I am a bit confused about this tube thing.

I'll get my new A1000 in 2 weeks time or so and if all stories are true these tubes will run out soon. I feel a bit hoaxed :)

I just can't figure out why Acom is still making amps with these gu74b tubes - shouldn't they have been replaced it with an other one? There must a hidden source for those but still I need to get few for a spare for sure.

There must be lots of different amps (pros too) out there using these tubes so I belive it wouldn't be a bad idea for a tube company starting to make these again. :)

3149. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-07 16:13:58 UTC
From: Jim Cox
Topic: 3128 Message: 3149

There are plenty available in small quantities in Europe. Check Ebay, pick you up a spare and you will be set for a long long time.. The rumors fly about them not being available but that is not true.. A friend of mine just purchased a pair several days ago, they work just fine as he has checked them out in his Alpha amp.

Jim K4JAF

----- Original Message -----
From: oh2bps
To: acom-list@yahoogroups.com
Sent: Thursday, May 07, 2009 10:53 AM
Subject: [acom-list] Re: NOS GU74B 02-2007 available FS

Hi

I am a bit confused about this tube thing.

I'll get my new A1000 in 2 weeks time or so and if all stories are true these tubes will run out soon. I feel a bit hoaxed :)

I just can't figure out why Acom is still making amps with these gu74b tubes - shouldn't they have been replaced it with an other one? There must a hidden source for those but still I need to get few for a spare for sure.

There must be lots of different amps (pros too) out there using these tubes so I belive it wouldn't be a bad idea for a tube company starting to make these again. :)

[Non-text portions of this message have been removed]

3150. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-07 16:40:36 UTC
From: K0DAN
Topic: 3128 Message: 3150

Don't get led into the panic. Your new amp may NEVER need a spare tube, but spares are available, despite all the hysteria. If you're really nervous, buy another tube now, test it out, then put it (or the original) on the shelf and you will be set for life. Operate the amp within design/tune/operate limits and it will go forever.

The archives of this reflector are at
http://groups.yahoo.com/group/acom-list/
and you can do a search for the tube and find sources.

As you may have noticed, tube discussion on this reflector is rather controversial; the archives will tell you everything you need to know.

Don't worry about your new amp or Acom....both are high quality! Relax, and enjoy your new amp.

GL es 73

Dan
K0DAN

----- Original Message -----
From: "oh2bps" <oh2bps@...>
To: <acom-list@yahoogroups.com>
Sent: Thursday, May 07, 2009 10:53 AM
Subject: [acom-list] Re: NOS GU74B 02-2007 available FS

>
> Hi
>
> I am a bit confused about this tube thing.
>
> I'll get my new A1000 in 2 weeks time or so and if all stories are true
> these tubes will run out soon. I feel a bit hoaxed :)
>
> I just can't figure out why Acom is still making amps with these gu74b
> tubes - shouldn't they have been replaced it with an other one? There must
> a hidden source for those but still I need to get few for a spare for
> sure.
>
> There must be lots of different amps (pros too) out there using these
> tubes so I belive it wouldn't be a bad idea for a tube company starting to
> make these again. :)
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>
>

3151. re gu7b

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-07 16:55:01 UTC
From: kg4lru@aol.com
Topic: 3151 Message: 3151

I have owned my acom 2000 6000 hrs lost low voltage PS and a Tube it was repaired under warranty I bought some tubes before everyone started hoarding them. about 100 each I bought 4 tubes do not get sucked in on the matching as much as heat range the best way is to run new tubes and check temps after a short time and swap them around these our very rugged tubes They will be around longer than both you and I as long as everyone doesn't drive the price up. There is a huge surplus on these tubes NOS our excellent buys and beats 500.00 or 700.00 bill for some of the newer still production . And since the factory would like the surplus to dry up there like our version 4cx1000a that were used in the old collins 30s1 you can buy them all day for 75.00 150.00 Remember you have 4 years on the amp and two years on the tubes . In the mean time watch ebay for a good buy on some NOS . And enjoy your amp you bought the best.

73

Phil AI4DQ

**********Big savings on Dell’s most popular laptops. Now starting at $449!
(http://pr.atwola.com/promoclk/100126575x1222382499x1201454962/aol?redir=http:%2F%2Fad.doubleclick.net%2Fclk%3B214663472%3B36502367%3Bg)

[Non-text portions of this message have been removed]

3152. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-07 18:30:35 UTC
From: Howard K2HK
Topic: 3128 Message: 3152

I would have to agree with Dan. I have had my Acom 2000 eight years. Same output, same temp on both tubes. Admittedly my hours are low for this length of time but I would not start worrying about something that is not likely to be a problem for many years.
73,

Howard..K2HK

HK

> To: acom-list@yahoogroups.com
> From: k0dan@...
> Date: Thu, 7 May 2009 11:40:36 -0500
> Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS
>
> Don't get led into the panic. Your new amp may NEVER need a spare tube, but
> spares are available, despite all the hysteria. If you're really nervous,
> buy another tube now, test it out, then put it (or the original) on the
> shelf and you will be set for life. Operate the amp within
> design/tune/operate limits and it will go forever.

[Non-text portions of this message have been removed]

3153. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-08 20:38:45 UTC
From: Andrey Stoev
Topic: 3128 Message: 3153

I decided to drop my 2 cents in the tube discussion after seeing this extensive thread...

GU-74b is MADE by Svetlana. It is printed so on the box and on the little paper booklet that goes with the tube! Svetlana's logo is printed on the box, booklet and the GU-74b tube as well! GU-74b is the original Soviet Era designation. Most russian power tubes are using this "GU" prefix!
GU-74b was initialy designed for MIL purposes and manufactured in large numbers by Svetlana.
Once the tube became popular for use in amateur amplifiers (Acom is just one mfr, Alpha - another, etc), the russians introduced "4CX800A" name to make the tube look like an EIMAC tube. They just wanted to make the tube more "consumer friendly /commercial" and wanted a familiar to westerners name type. In their mind this was a step needed to boost the sales! That's all! For this very same reason the tubes manufactured as "4CX800A" are polished and shiny - people in the western world are not used to the crude look, very common for soviet military equipment and parts. (btw. the little rombic shape on the side of the tube is a stamp for aproved MIL use, (as a bit of trivia - two little rombs - for special equipment use (read "nuclear"), three rombs - spacecraft use)).
The tubes GU-74B and 4CX800A are IDENTICAL in every way except the look (polished vs unpolished plating and different print). Furthermore, I personally asked Stan (the principal designer of the ACOM amplifiers) on the subject and received exactly the same answer - both tubes are IDENTICAL and aproved for use in ACOM amplifiers. "4CX800A" tend to be newer tubes.

4CX800A are still manufactured (there was an interuption in the production of these tubes). GU-74b left over from Soviet times were available in large numbers and were inexpensive (one of the reasons for their popularity) but as the stock dried up, the price went up as well. Most of the russian dealers are trying to unload what's left from GU-74B stock pile before they start offering widely "4CX800A". A sign for this can be seen on eBay where the newer 4CX800A are being offered more often now.

As for Kees - offers like his can be seen in almost every group - he is not selling random parts but something essential for our amplifiers - something that wears out and people are in a need for every now and then. It is a good thing to have a choise where to buy it.

ACOM Bulgaria also sells these tube (at least last year they did) but the their price is rather high!

ACOM USA will send you to buy it from QRO-Parts.com if you ask for replacement tube.

73
de Andrey, AE1Z

> For one thing, Svetlana never made GU74b tubes. The GU74b
> designation is the former Soviet Union's term of their most commonly
> used MILITARY tube. It is dull looking, has Cyrillic writing on it,
> and they were made in large quantities in state sponsored factories
> in the East Bloc prior to 1991. Svetlana made a COMERCIAL 4CX800A

> tube that was electrically equivalent to the MILITARY GU74b tube used
> by the Soviet Union. They are not the same things. The 4CX800A is
> polished, and has Svetlana and 4CX800A written on it. It looks very
> much like an EIMAC 8877, etc. I know, because I have had both a
> GU74b and a Svetlana 4CX800A in my hands and examined them
> carefully. They are not the same. They might both work in ACOM
> amps, but they are very different looking tubes originating from very
> different factories, and they were designed with different uses in mind.
>
> Every month or so this same argument comes up on this list. In
> my view, and I am not a list moderator so I have no authority here,
> this forum should not be the venue to buy and sell these
> tubes. There are far too many misconceptions flying around, false
> information everywhere on the Internet, etc. All of us have our own
> ways of finding spares and of deciding if the story of the day is
> right. The best thing to do is to talk to ACOM or other vendors of
> Ham radio equipment who sell these tubes.
>
> This is a good forum for the exchange of information on ACOM
> amps, how to diagnose problems, etc. I don't feel it serves anyone's
> purpose if we use it to sell NOS tubes and turn this into a Swap
> Shop. There are plenty of them on eBay if we don't trust or can't
> find regular vendors who sell tubes.
>
> 73, Paul VE1DX
>

3154. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-09 00:46:46 UTC
From: chris909751
Topic: 3128 Message: 3154

I've had my ACOM1000 for around 4 year's now and the tube is starting to go down.
I do a lot of FM work and i dont think it like's it.
When it was new i used to run around 26 Watts input to get 480 Watt's output.
Now i have to run around 40 Watt's into it to get 450 Watt's out and i have to run around 90-100 Watt's to get 1050 Watt's out of it.

So i think it is what you are going to use the amp for, as to wheather you get worried about spare valve's.
I think i've got around another 2 year's before it finally give's out and then i will be panicing about where i get a tube from.

--- In acom-list@yahoogroups.com, Howard K2HK <howk2@...> wrote:
>
>
> I would have to agree with Dan. I have had my Acom 2000 eight years. Same output, same temp on both tubes. Admittedly my hours are low for this length of time but I would not start worrying about something that is not likely to be a problem for many years.
> 73,
>
> Howard..K2HK
>
>
> HK
>
>
>
>
> > To: acom-list@yahoogroups.com
> > From: k0dan@...
> > Date: Thu, 7 May 2009 11:40:36 -0500
> > Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS
> >
> > Don't get led into the panic. Your new amp may NEVER need a spare tube, but
> > spares are available, despite all the hysteria. If you're really nervous,
> > buy another tube now, test it out, then put it (or the original) on the
> > shelf and you will be set for life. Operate the amp within
> > design/tune/operate limits and it will go forever.
>
>
> [Non-text portions of this message have been removed]
>

3155. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-09 01:44:33 UTC
From: Jim Cox
Topic: 3128 Message: 3155

Go ahead and pick one up now.. the price will not be less 2 years from now.
I have been using mine for 5 years now, still full output but use on cw and ssb.
73s Jim K4JAF

----- Original Message -----
From: chris909751
To: acom-list@yahoogroups.com
Sent: Friday, May 08, 2009 7:46 PM
Subject: [acom-list] Re: NOS GU74B 02-2007 available FS

I've had my ACOM1000 for around 4 year's now and the tube is starting to go down.
I do a lot of FM work and i dont think it like's it.
When it was new i used to run around 26 Watts input to get 480 Watt's output.
Now i have to run around 40 Watt's into it to get 450 Watt's out and i have to run around 90-100 Watt's to get 1050 Watt's out of it.

So i think it is what you are going to use the amp for, as to wheather you get worried about spare valve's.
I think i've got around another 2 year's before it finally give's out and then i will be panicing about where i get a tube from.

--- In acom-list@yahoogroups.com, Howard K2HK <howk2@...> wrote:
>
>
> I would have to agree with Dan. I have had my Acom 2000 eight years. Same output, same temp on both tubes. Admittedly my hours are low for this length of time but I would not start worrying about something that is not likely to be a problem for many years.
> 73,
>
> Howard..K2HK
>
>
> HK
>
>
>
>
> > To: acom-list@yahoogroups.com
> > From: k0dan@...
> > Date: Thu, 7 May 2009 11:40:36 -0500
> > Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS
> >
> > Don't get led into the panic. Your new amp may NEVER need a spare tube, but
> > spares are available, despite all the hysteria. If you're really nervous,
> > buy another tube now, test it out, then put it (or the original) on the
> > shelf and you will be set for life. Operate the amp within

> > design/tune/operate limits and it will go forever.
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3156. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-09 05:41:02 UTC
From: oh2bps
Topic: 3128 Message: 3156

--- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@...> wrote:
>

> 4CX800A are still manufactured (there was an interuption in the production of these tubes).

Andrey

Great news - TNX

73 Ben

3157. New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-18 16:21:31 UTC
From: Andrey Stoev
Topic: 3157 Message: 3157

New stuff from ACOM at the Dayton Hamvention

Digital watt-meter using VFD display - looks really neat. One interesting feature is an USB port on the directional coupler along with the Display Unit port. I guess you can use only the directional coupler + computer. The meter itself looks very well designed and of a high quality! The meter unit is small with buttons for PEAK, AVERAGE, MENU, etc. I didnt see the meter in action - I was told by the Array Solutions guy, that he *thinks* the unit they got is a non-functional dummy unit just so they can introduce the new product! Got some pictures which I will post. No pricing info was avilable. I have also the spec sheet for the meter which I will try to post as well.

The other news is about the ACOM 1010 amplifier. There is a new version of the amplifier using 2 x 4CX250B tubes instead of the single 4CX800A/GU-74b. There was no technical data sheet with the new unit. Everything else looked the same. I have some pictures which I will post in the Photos section in the next day or so.

73
de Andrey, AE1Z

3159. Re: [acom-list] Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 08:10:52 UTC
From: Dennis Vernacchia
Topic: 3157 Message: 3159

This doesn't seem to make sense,

Why use 2 tubes with only 500 Watt Plate dissipation Total
when original tube has 800 Watt dissipation ???

73, Dennis N6KI

On Mon, May 18, 2009 at 9:52 PM, oh2bps <oh2bps@...> wrote:

>
>
> --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "Andrey
> Stoev" <kotjunk@...> wrote:
> >
> > New stuff from ACOM at the Dayton Hamvention
> >
> > The other news is about the ACOM 1010 amplifier. There is a new version
> of the amplifier using 2 x 4CX250B tubes instead of the single
> 4CX800A/GU-74b.
>
> Hi
>
> Well well.... here it came sooner than expected - the tube change which I
> was earlier wondering why not yet changed for more volatile tubes :)
>
> 73 Ben
>
>
>

[Non-text portions of this message have been removed]

3160. ACOM 2000SW/S For sale

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 12:31:43 UTC
From: gj450
Topic: 3160 Message: 3160

Hello,

I have a 2000SW/S sale. Both the switch and the control box are new. Asking $725.00

Comes with a short cable from the controller to the switch that I used to check the operation.

Thanks
Jerry, KE9I

jend@uchicago.edu

3161. Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 14:01:36 UTC
From: Andrey Stoev
Topic: 3157 Message: 3161

Actually, according to the spec sheet, the 1010 is rated for 700W PEP and 500W cont. carrier. They are probably pushing the tubes a little over their factory rated power which should not be a big deal. They are doing the same thing with ACOM 1000 - 4CX800A/GU-74b is listed as 800W dissipation but ACOM 1000 delivers over 1000W with no problems!
I guess it is a cost saving measure but the end-user also benefits from it - when it is time for tube replacement you'll be able to buy less expensive tubes (I saw at Dayton's flea market this year 4CX250b (NOS) for $25) The only bad thing is that China also makes 4CX250B. I couldn't tell if the ones installed in the sample were chinese because of the silicon chimneys.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Dennis Vernacchia <n6ki73@...> wrote:
>
> This doesn't seem to make sense,
>
> Why use 2 tubes with only 500 Watt Plate dissipation Total
> when original tube has 800 Watt dissipation ???
>
> 73, Dennis N6KI
>
> On Mon, May 18, 2009 at 9:52 PM, oh2bps <oh2bps@...> wrote:
>
> > >
> > >
> > > --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>, "Andrey
> > > Stoev" <kotjunk@> wrote:
> > > >
> > > > New stuff from ACOM at the Dayton Hamvention
> > > >
> > > > The other news is about the ACOM 1010 amplifier. There is a new version
> > > of the amplifier using 2 x 4CX250B tubes instead of the single
> > > 4CX800A/GU-74b.
> > > >
> > > > Hi
> > > >
> > > > Well well.... here it came sooner than expected - the tube change which I
> > > was earlier wondering why not yet changed for more volatile tubes :)
> > > >
> > > > 73 Ben
> > > >
> > > >
> > > >
> >
>

>
> [Non-text portions of this message have been removed]
>

3162. How to open A1000 cabinet?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 14:50:09 UTC
From: John K Gotwals
Topic: 3162 Message: 3162

A few months ago, following a suggestion on this forum, I set about cleaning the air filter on the back of the unit. After removing the two bottom screws from the filter shroud, I decided the noise I was hearing was the sound of nuts dropping on the inside of the amplifier. I am now in the process of changing my QTH, and have decided it might be a good idea to open up the amplifier and locate and remove the two dropped nuts. If possible, I will reattach the nuts to their respective filter shroud screws, but it may be difficult to access that portion of the amplifier without a very major disassembly.

What are the steps one goes through to open up the amplifier cabinet? I have noticed that there are three nuts on each side of the amplifier case and three nuts on the back top of the case. I am guessing by removing these nine nuts I should be able to slide off the case.

Advice and suggestions are greatly appreciated.

John, N9JG

3163. Re: [acom-list] Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 15:07:04 UTC
From: k2qmf@juno.com
Topic: 3157 Message: 3163

Hello,

I am just wondering, what's wrong with
4CX250B's made in China???

Thanks for the info...

73,
Ted K2QMF

On Tue, 19 May 2009 14:01:36 -0000 "Andrey Stoev" <kotjunk@...>
writes:
> Actually, according to the spec sheet, the 1010 is rated for 700W PEP
> and 500W cont. carrier. They are probably pushing the tubes a little
> over their factory rated power which should not be a big deal. They
> are doing the same thing with ACOM 1000 - 4CX800A/GU-74b is listed
> as 800W dissipation but ACOM 1000 delivers over 1000W with no
> problems!
> I guess it is a cost saving measure but the end-user also benefits
> from it - when it is time for tube replacement you'll be able to buy
> less expensive tubes (I saw at Dayton's flea market this year
> 4CX250b (NOS) for $25) The only bad thing is that China also makes
> 4CX250B. I couldn't tell if the ones installed in the sample were
> chinese because of the silicon chimneys.
>
>
> 73
> de Andrey, AE1Z
>
> --- In acom-list@yahoogroups.com, Dennis Vernacchia <n6ki73@...>
> wrote:
> >
> > This doesn't seem to make sense,
> >
> > Why use 2 tubes with only 500 Watt Plate dissipation Total
> > when original tube has 800 Watt dissipation ???
> >
> > 73, Dennis N6KI
> >
> > On Mon, May 18, 2009 at 9:52 PM, oh2bps <oh2bps@...> wrote:
> >
> > >
> > > --- In acom-list@yahoogroups.com <acom-list%40yahoogroups.com>,
> "Andrey
> > > Stoev" <kotjunk@> wrote:

> > > >
> > > > New stuff from ACOM at the Dayton Hamvention
> > > >
> > > > The other news is about the ACOM 1010 amplifier. There is a
> new version
> > > of the amplifier using 2 x 4CX250B tubes instead of the single
> > > 4CX800A/GU-74b.
> > >
> > > Hi
> > >
> > > Well well.... here it came sooner than expected - the tube
> change which I
> > > was earlier wondering why not yet changed for more volatile
> tubes :)
> > >
> > > 73 Ben
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTLa8vVf84zrzEVwAnGRbASxDfGrQZ8bfcS2geJj8
azFZloFrE6WaM/

3164. Re: How to open A1000 cabinet?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 15:20:48 UTC
From: Andrey Stoev
Topic: 3162 Message: 3164

That's pretty much it! Remove the screws and the cover comes right off.
The only problem that you'll have is to re-attach the filter's bottom right screw (looking at the back of the amp) - actually the nut on the inside. This nut is in a very tight space. You could remove the power transformer to get access but it is a much biger job. If you can't put the nut back on, just leave it off, (of course remove the nut from the cabinet).
When I was installing my AUX fan, I was able to hold the nut in place reaching from outside, between the blades of the fan, but in your case you are putting the filter back on so you'll need to find a way to do it from the inside of the amp. Magnetic screwdriver or wrench might help, or just use a little PVC tape to attach the nut to the tool you are using so you can place it against the hole and once the screw is in, remove the tool and the tape. Than you have to find a way to block the nut from rotating while tightening the screw on the outside.
You can also try to revert places if you having trouble installing the nut - put the screw from inside and the nut on the outside.
The bottom left nut is really easy to install.

Hope this helps!
73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "John K Gotwals" <john@...> wrote:
>
> A few months ago, following a suggestion on this forum, I set about cleaning the air filter on the back of the unit. After removing the two bottom screws from the filter shroud, I decided the noise I was hearing was the sound of nuts dropping on the inside of the amplifier. I am now in the process of changing my QTH, and have decided it might be a good idea to open up the amplifier and locate and remove the two dropped nuts. If possible, I will reattach the nuts to their respective filter shroud screws, but it may be difficult to access that portion of the amplifier without a very major disassembly.
>
> What are the steps one goes through to open up the amplifier cabinet? I have noticed that there are three nuts on each side of the amplifier case and three nuts on the back top of the case. I am guessing by removing these nine nuts I should be able to slide off the case.
>
> Advice and suggestions are greatly appreciated.
>
> John, N9JG
>

3165. Re: [acom-list] Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-19 15:58:49 UTC
From: kg4lru@aol.com
Topic: 3157 Message: 3165

Nothing, they tend have more gain .They had some quality problem first starting up .But that was over 4 years ago.

Phil AI4DQ

**********An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!
(http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=MayExcfooter51609NO62)

[Non-text portions of this message have been removed]

3166. RE: [acom-list] How to open A1000 cabinet?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-20 02:07:52 UTC
From: KD3TB
Topic: 3162 Message: 3166

I had a similar experience. With the help of ham friend, a pair of good Kelly clamps we were able to replace the nuts on the back again. I was not able to put the lock washers on one of the screws, but see no problem. You can reach the area once you have taken the cover off. Lesson learned, especially as I found out there was no need to remove the cover screen in the first place.

KD3TB

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John K Gotwals
Sent: Tuesday, May 19, 2009 10:50 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] How to open A1000 cabinet?

A few months ago, following a suggestion on this forum, I set about cleaning the air filter on the back of the unit. After removing the two bottom screws from the filter shroud, I decided the noise I was hearing was the sound of nuts dropping on the inside of the amplifier. I am now in the process of changing my QTH, and have decided it might be a good idea to open up the amplifier and locate and remove the two dropped nuts. If possible, I will reattach the nuts to their respective filter shroud screws, but it may be difficult to access that portion of the amplifier without a very major disassembly.

What are the steps one goes through to open up the amplifier cabinet? I have noticed that there are three nuts on each side of the amplifier case and three nuts on the back top of the case. I am guessing by removing these nine nuts I should be able to slide off the case.

Advice and suggestions are greatly appreciated.

John, N9JG

[Non-text portions of this message have been removed]

3167. Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-20 15:23:37 UTC
From: Andrey Stoev
Topic: 3157 Message: 3167

I've uploaded the pictures in the Photos section under Dayton 2009 album!

Enjoy!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, kg4lru@... wrote:
>
> Nothing, they tend have more gain .They had some quality problem first
> starting up .But that was over 4 years ago.
>
>
> Phil AI4DQ
> **********An Excellent Credit Score is 750. See Yours in Just 2 Easy
> Steps!
> (http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol?redir=http://www.free
creditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May
> Excfooter51609NO62)
>
>
> [Non-text portions of this message have been removed]
>

3168. Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-20 16:14:02 UTC
From: kamarty456
Topic: 3157 Message: 3168

Thank you for taking the time to take the photos and post them here.

Marty KA7GKN

--- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@...> wrote:
>
> I've uploaded the pictures in the Photos section under Dayton 2009 album!
>
> Enjoy!
>
> 73
> de Andrey, AE1Z
>
>
>
> --- In acom-list@yahoogroups.com, kg4lru@ wrote:
> >
> > Nothing, they tend have more gain .They had some quality problem first
> > starting up .But that was over 4 years ago.
> >
> >
> > Phil AI4DQ
> > **********An Excellent Credit Score is 750. See Yours in Just 2 Easy
> > Steps!
> > (http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May
> > Excfooter51609NO62)
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

3169. Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-20 20:38:08 UTC
From: Andrey Stoev
Topic: 3157 Message: 3169

NP! If one wants a 1010 with GU-74b, I guess now is the time to buy it before the old stock is gone and the new 1010 with 2 x 4CX250b hit the dealerships...
(If I had to make this decision I would probably go for the GU-74b version)

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> Thank you for taking the time to take the photos and post them here.
>
> Marty KA7GKN
>
>
>
>
>
> --- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@> wrote:
> >
> > I've uploaded the pictures in the Photos section under Dayton 2009 album!
> >
> > Enjoy!
> >
> > 73
> > de Andrey, AE1Z
> >
> >
> >
> > --- In acom-list@yahoogroups.com, kg4lru@ wrote:
> > >
> > > Nothing, they tend have more gain .They had some quality problem first
> > > starting up .But that was over 4 years ago.
> > >
> > >
> > > Phil AI4DQ
> > > **********An Excellent Credit Score is 750. See Yours in Just 2 Easy
> > > Steps!
> > > (http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May
> > > Excfooter51609NO62)
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >

>

3170. RE: [acom-list] Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-20 21:48:34 UTC
From: Larry stowell
Topic: 3157 Message: 3170

Why?

73 Larry K1ZW

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Andrey Stoev
Sent: Wednesday, May 20, 2009 4:38 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: New stuff from ACOM at Dayton

NP! If one wants a 1010 with GU-74b, I guess now is the time to buy it before the old stock is gone
and the new 1010 with 2 x 4CX250b hit the dealerships...
(If I had to make this decision I would probably go for the GU-74b version)

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> Thank you for taking the time to take the photos and post them here.
>
> Marty KA7GKN
>
>
>
>
>
> --- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@> wrote:
> >
> > I've uploaded the pictures in the Photos section under Dayton 2009 album!
> >
> > Enjoy!
> >
> > 73
> > de Andrey, AE1Z
> >
> >
> >
> > --- In acom-list@yahoogroups.com, kg4lru@ wrote:
> > >
> > > Nothing, they tend have more gain .They had some quality problem
> > > first starting up .But that was over 4 years ago.
> > >
> > >

> > > Phil AI4DQ
> > > **********An Excellent Credit Score is 750. See Yours in Just
> > > 2 Easy Steps!
> > > (http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol
> > > ?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&h
> > > mpgID=62&bcd=May
> > > Excfooter51609NO62)
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

Yahoo! Groups Links

3171. Re: New stuff from ACOM at Dayton

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-21 03:08:21 UTC
From: Andrey Stoev
Topic: 3157 Message: 3171

Well, it is probably just me! :) As somebody pointed out, I rather have a single valve which is conservatively rated at 800W than 2 smaller 250W valves that require "matching" and are pushed beyond the rated power! I'm sure the new model will deliver the power in the spec sheet - maybe there is no good reason for it, but here is another one - I am more comfortable with Russian mil valves pushed beyond their specs than with those made in China.
The GU-74b lasts really long time so for me the tube price is not a big concern but I understand that other people prefer to have amplifier using less expensive valves. Most probably when the top cover is on, both versions will be indistinguishable - just right now those planing to buy 1010 have a choice when it comes to the hardware.

73

--- In acom-list@yahoogroups.com, "Larry stowell" <lclarks@...> wrote:
>
>
> Why?
>
> 73 Larry K1ZW
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Andrey Stoev
> Sent: Wednesday, May 20, 2009 4:38 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: New stuff from ACOM at Dayton
>
> NP! If one wants a 1010 with GU-74b, I guess now is the time to buy it before the old stock is gone
> and the new 1010 with 2 x 4CX250b hit the dealerships...
> (If I had to make this decision I would probably go for the GU-74b version)
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> 73
> de Andrey, AE1Z
>
>
> --- In acom-list@yahoogroups.com, "kamarty456" <martins160@> wrote:
> >
> > Thank you for taking the time to take the photos and post them here.
> >
> > Marty KA7GKN
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> >
> >

> >
> >
> > --- In acom-list@yahoogroups.com, "Andrey Stoev" <kotjunk@> wrote:
> > >
> > > I've uploaded the pictures in the Photos section under Dayton 2009 album!
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> > > Enjoy!
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> > > de Andrey, AE1Z
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> > >
> > > --- In acom-list@yahoogroups.com, kg4lru@ wrote:
> > > >
> > > > Nothing, they tend have more gain .They had some quality problem
> > > > first starting up .But that was over 4 years ago.
> > > >
> > > >
> > > > Phil AI4DQ
> > > > **********An Excellent Credit Score is 750. See Yours in Just
> > > > 2 Easy Steps!
> > > > (http://pr.atwola.com/promoclk/100126575x1221823248x1201398651/aol
> > > > ?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&h
> > > > mpgID=62&bcd=May
> > > > Excfooter51609NO62)
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
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> ------------------------------------
>
> Yahoo! Groups Links
>

3172. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-28 15:03:18 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 3172

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /Acom W5K/W5K advertisement.pdf
Uploaded by : pa3hgt <pa3hgt@...>
Description : W5K advertisement

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/Acom%20W5K/W5K%20advertisement.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

pa3hgt <pa3hgt@...>

3173. filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-31 01:12:56 UTC
From: kamarty456
Topic: 2508 Message: 3173

For the new users and the experienced users....
When was the last time you cleaned the filter?

To keep the amp happy you should clean its filter at least every three months unless you're in a dusty environment.

Here in AZ I wash the filter every two months.

I have had my 2000A now almost 9 years! It has required some service over that time. A low voltage power supply failure during its first year, a low bias challenge twice but Acom did an excellent job and the amp is "perfect"

I use it with a Sommer XP707 log beam and an Icom 7700.

Marty KA7GKN

3174. Re: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-31 02:13:40 UTC
From: John Peters
Topic: 2508 Message: 3174

What is the best way to remove (for cleaning) the two outlet filters on top and the inlet filter into the fan on the back? The manual says "DO NOT OPEN" for cleaning.

I am in a low dirt/dust environment but it might be a good idea. There appear to be plenty of airflow from both tubes.

John K1ER
----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, May 30, 2009 3:12 PM
Subject: [acom-list] filter reminder

For the new users and the experienced users....
When was the last time you cleaned the filter?

To keep the amp happy you should clean its filter at least every three months unless you're in a dusty environment.

Here in AZ I wash the filter every two months.

I have had my 2000A now almost 9 years! It has required some service over that time. A low voltage power supply failure during its first year, a low bias challenge twice but Acom did an excellent job and the amp is "perfect"

I use it with a Sommer XP707 log beam and an Icom 7700.

Marty KA7GKN

[Non-text portions of this message have been removed]

3175. RE: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-31 13:13:05 UTC
From: Robert Naumann
Topic: 2508 Message: 3175

John,

The "input" filter on the back of the amp is the one you need to clean periodically.

The tube outlets should be clear and not need cleaning.

To prevent dust from settling down into the tubes, you may want to place a small, single sheet of paper over the tube vents when you are not using the amp. If you forget to remove it, the air flow should force the paper up & off and get your attention as it flops around on top of the amp.

73,

Bob W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Saturday, May 30, 2009 9:14 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] filter reminder

What is the best way to remove (for cleaning) the two outlet filters on top and the inlet filter into the fan on the back? The manual says "DO NOT OPEN" for cleaning.

I am in a low dirt/dust environment but it might be a good idea. There appear to be plenty of airflow from both tubes.

John K1ER
----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, May 30, 2009 3:12 PM
Subject: [acom-list] filter reminder

For the new users and the experienced users....
When was the last time you cleaned the filter?

To keep the amp happy you should clean its filter at least every three months unless you're in a dusty environment.

Here in AZ I wash the filter every two months.

I have had my 2000A now almost 9 years! It has required some service over that time. A low voltage power supply failure during its first year, a low

bias challenge twice but Acom did an excellent job and the amp is "perfect"

I use it with a Sommer XP707 log beam and an Icom 7700.

Marty KA7GKN

[Non-text portions of this message have been removed]

Yahoo! Groups Links

3176. Re: [acom-list] filter reminder

Yahoo group: acom-list (1999 — 2009)
Date: 2009-05-31 21:11:33 UTC
From: Steve Tripp (K1IIG)
Topic: 2508 Message: 3176

Bob,

I took the suggestion of a sheet of Kleenex taped to the side of the output airflow and it works great. When not in use it simply folds down over tube openings and when amp comes on it elevates to allow airflow. The rest of the top does have a lot of dust so real happy about this simple mod.

Steve
K1IIG

John,

The "input" filter on the back of the amp is the one you need to clean periodically.

The tube outlets should be clear and not need cleaning.

To prevent dust from settling down into the tubes, you may want to place a small, single sheet of paper over the tube vents when you are not using the amp. If you forget to remove it, the air flow should force the paper up & off and get your attention as it flops around on top of the amp.

73,

Bob W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of John Peters
Sent: Saturday, May 30, 2009 9:14 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] filter reminder

What is the best way to remove (for cleaning) the two outlet filters on top and the inlet filter into the fan on the back? The manual says "DO NOT OPEN" for cleaning.

I am in a low dirt/dust environment but it might be a good idea. There appear to be plenty of airflow from both tubes.

John K1ER
----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Saturday, May 30, 2009 3:12 PM
Subject: [acom-list] filter reminder

For the new users and the experienced users....
When was the last time you cleaned the filter?

To keep the amp happy you should clean its filter at least every three months unless you're in a dusty environment.

Here in AZ I wash the filter every two months.

I have had my 2000A now almost 9 years! It has required some service over that time. A low voltage power supply failure during its first year, a low bias challenge twice but Acom did an excellent job and the amp is "perfect"

I use it with a Sommer XP707 log beam and an Icom 7700.

Marty KA7GKN

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

3177. 2000a trade or sell

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-03 01:36:23 UTC
From: paul glassman
Topic: 3177 Message: 3177

I have a spectacular "like new" Acom 2000A
and 3 extra sets of nos finals. I will trade for an icom 7800 or sell
the amp outright. 7800 age does not matter as long as it has the third
roofing filter and the upgrades are current as of june 2009. must be
from non smoking and have full factory box set.

[Non-text portions of this message have been removed]

3178. Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-10 16:10:52 UTC
From: chris909751
Topic: 3178 Message: 3178

Can anyone tell me what the rating is for the PTT line......??
Would i be able to use a Heil FS-2 foot switch with it....??
It say's it has a 10Amp relay in the foot switch, but i dont know how much the Acom draw's.
I'm thinking of getting another Icom radio, but i have never had much luck with Icom and my Acom1000, for some reason i alway's get HOT SWITCHING with Icom radio's, so thought i might get a Heil FS-2 to swicth the Acom.

Thank's.

3179. bargain ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-10 21:57:18 UTC
From: pe1czg
Topic: 3179 Message: 3179

http://www.2dehands.nl/aangeboden-acom-1000-60347763.html

3180. RE: [acom-list] Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 09:26:41 UTC
From: John Lemay
Topic: 3178 Message: 3180

Chris

The Acom 1000 ptt line draws only around 10mA, so your footswitch is well and truly man-enough.

You may still get hot switching errors, unless you can guarantee to hit the footswitch just before the mic button every time. Sorry I don't have any Icon rigs here so can't help further.

Regards

John G4ZTR

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of chris909751
Sent: 10 June 2009 17:11
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 1000 PTT line.

Can anyone tell me what the rating is for the PTT line......??
Would i be able to use a Heil FS-2 foot switch with it....??
It say's it has a 10Amp relay in the foot switch, but i dont know how much the Acom draw's.
I'm thinking of getting another Icom radio, but i have never had much luck with Icom and my Acom1000, for some reason i alway's get HOT SWITCHING with Icom radio's, so thought i might get a Heil FS-2 to swicth the Acom.

Thank's.

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4145 (20090610) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

3181. Re: [acom-list] Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 12:10:51 UTC
From: Jim Cox
Topic: 3178 Message: 3181

I have never had any problems with hot switching with any of my Icom radios..
However, I don't use full qsk very often. Jim K4JAF

----- Original Message -----
From: John Lemay
To: acom-list@yahoogroups.com
Sent: Thursday, June 11, 2009 4:26 AM
Subject: RE: [acom-list] Acom 1000 PTT line.

Chris

The Acom 1000 ptt line draws only around 10mA, so your footswitch is well
and truly man-enough.

You may still get hot switching errors, unless you can guarantee to hit the
footswitch just before the mic button every time. Sorry I don't have any
Icon rigs here so can't help further.

Regards

John G4ZTR

_____

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of chris909751
Sent: 10 June 2009 17:11
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 1000 PTT line.

Can anyone tell me what the rating is for the PTT line......??
Would i be able to use a Heil FS-2 foot switch with it....??
It say's it has a 10Amp relay in the foot switch, but i dont know how much
the Acom draw's.
I'm thinking of getting another Icom radio, but i have never had much luck
with Icom and my Acom1000, for some reason i alway's get HOT SWITCHING with
Icom radio's, so thought i might get a Heil FS-2 to swicth the Acom.

Thank's.

_____ Information from ESET NOD32 Antivirus, version of virus signature
database 4145 (20090610) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.12590
http://www.pctools.com/spyware-doctor-antivirus/

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.12590
http://www.pctools.com/en/spyware-doctor-antivirus/

[Non-text portions of this message have been removed]

3182. RE: [acom-list] Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 12:22:01 UTC
From: Robert Naumann
Topic: 3178 Message: 3182

What Icom radio are we talking about?

Many older Icom (Pre- 756 Pro3) radios have initial keying spikes that exceed the input rating of the Acom amplifier.

If you have one of these radios, you will likely have problems.

73,

Bob W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of chris909751
Sent: Wednesday, June 10, 2009 11:11 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 1000 PTT line.

Can anyone tell me what the rating is for the PTT line......??
Would i be able to use a Heil FS-2 foot switch with it....??
It say's it has a 10Amp relay in the foot switch, but i dont know how much the Acom draw's.
I'm thinking of getting another Icom radio, but i have never had much luck with Icom and my Acom1000, for some reason i alway's get HOT SWITCHING with Icom radio's, so thought i might get a Heil FS-2 to swicth the Acom.

Thank's.

Yahoo! Groups Links

3183. Re: Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 13:34:30 UTC
From: chris909751
Topic: 3178 Message: 3183

Hi....

Thank's for the reply's.

The heil FS-2 footswitch has 2 switch's in it.
One for the mic PTT and one for external equipment, such as a linear Amp.
The external one make's contact before the PTT one, so should stop the hot switching.

The PRO3 was the only Icom i have had that never hot switched and i tried a 751,775,746 and a 706(which only hot switched now and then).

When i spoke to RON at VINE he told me, he had customer's who use the 775 and 746 without any problem's and it was something i was doing wrong and not a fault with the Amp, but i guess my Acom1000 just does not like Icom's.

Never had any prob's with Yaesu and had a few prob's with a Kenwood TS2000.

3184. RE: [acom-list] Re: Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 13:54:02 UTC
From: Robert Naumann
Topic: 3178 Message: 3184

Chris,

It is very likely that the 751, 775 and the 706 has the initial spike problem. The 746 may also if it is an early unit. The 706 is probably the worst Icom for this problem.

It is not that the Acom does not like Icom radios; it is that the Icom radios have a problem that they put out a very high spike of RF output when you activate PTT.

Your footswitch will not change this problem at all.

Again, it is the radio that has a problem. It is not what you are doing, and it is not the amplifier.

73,

Bob W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of chris909751
Sent: Thursday, June 11, 2009 8:35 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 1000 PTT line.

Hi....

Thank's for the reply's.

The heil FS-2 footswitch has 2 switch's in it.
One for the mic PTT and one for external equipment, such as a linear Amp.
The external one make's contact before the PTT one, so should stop the hot switching.

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Never had any prob's with Yaesu and had a few prob's with a Kenwood TS2000.

Yahoo! Groups Links

3185. RE: [acom-list] Re: Acom 1000 PTT line.

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 15:12:26 UTC
From: KD3TB
Topic: 3178 Message: 3185

Chris,

I had a similar problem of Hot Switching my Acom 1000 with my Icom 746 . Hot Switching. occurs when the RF from the radio reaches the amplifier before the amplifiers T/R switch has been fully switched to the T/R mode. The IC-746 send relay is too slow for the Acom 1000. The Acom's fault detection mode protects the amp from Hot Switching and you get the error. It is my understanding that the IC-746 also produces an RF pulse of about 4 milliseconds duration about 2 milliseconds after the PPT of the IC-746 is released. This is also sensed as Hot Switching by the Acom 1000 after release of the PTT (key up). This was documented in an email by Bob Garwood (W0BV) on the Acom reflector back in 2002. The solution is to use the faster HSEND keying output in either the ACC1 or ACC2 in addition to the Send RCA. I solved this problem by having an interface build that uses both the ACC2 and send (RCA) connections on the back of the radio. My notes show that the circuit was designed by Stan LZ1IU and worked for me on both my IC-746 and subsequent IC-756Pro. If you send my your email address I will send you a scan of the circuit.

Irwin KD3TB (idarack@...)

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Robert Naumann
Sent: Thursday, June 11, 2009 9:54 AM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Acom 1000 PTT line.

Chris,

It is very likely that the 751, 775 and the 706 has the initial spike problem. The 746 may also if it is an early unit. The 706 is probably the worst Icom for this problem.

It is not that the Acom does not like Icom radios; it is that the Icom radios have a problem that they put out a very high spike of RF output when you activate PTT.

Your footswitch will not change this problem at all.

Again, it is the radio that has a problem. It is not what you are doing, and it is not the amplifier.

73,

Bob W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On
Behalf
Of chris909751
Sent: Thursday, June 11, 2009 8:35 AM
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Subject: [acom-list] Re: Acom 1000 PTT line.

Hi....

Thank's for the reply's.

The heil FS-2 footswitch has 2 switch's in it.
One for the mic PTT and one for external equipment, such as a linear Amp.
The external one make's contact before the PTT one, so should stop the hot
switching.

The PRO3 was the only Icom i have had that never hot switched and i tried a
751,775,746 and a 706(which only hot switched now and then).

When i spoke to RON at VINE he told me, he had customer's who use the 775
and 746 without any problem's and it was something i was doing wrong and not
a fault with the Amp, but i guess my Acom1000 just does not like Icom's.

Never had any prob's with Yaesu and had a few prob's with a Kenwood TS2000.

Yahoo! Groups Links

[Non-text portions of this message have been removed]

3186. Acom 1000 & 2000 on a IC7800

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-11 19:07:02 UTC
From: Hans , PA3HGT
Topic: 3186 Message: 3186

Hello all,

Is it possible to connect 2 Acom amplifiers to a single IC7800 without a switch when i switch from HF to 6 metrs vice versa ?
I want to use the 2000 for HF and the 1000 for 6 meters.
Maybe an idea to use the Acc1 or 2 -port and the relay to use both amplifiers.
When you've experience with that or an idea .... i look forward to it !

Hans

3187. FOR SALE ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-13 15:45:41 UTC
From: tseaton44
Topic: 3187 Message: 3187

Just like new 116 hours. Spare tubes and vac rly. Just retuned from Acom for svc and alignment. $5000 plus shipping. email or 404-226-8889

Tony W4SX

3188. Re: [acom-list] FOR SALE ACOM 2000A

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-13 23:08:39 UTC
From: Dennis Vernacchia
Topic: 3187 Message: 3188

Hi Tony,

I'm Interested

What year was it purchased and what is Serial Number

Why did it have to go back to factory for "alignment " ?

73, Dennis N6KI

On Sat, Jun 13, 2009 at 8:45 AM, tseaton44 <tony@...> wrote:

>
>
> Just like new 116 hours. Spare tubes and vac rly. Just retuned from Acom
> for svc and alignment. $5000 plus shipping. email or 404-226-8889
>
> Tony W4SX
>
>
>

[Non-text portions of this message have been removed]

3189. line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-22 20:00:59 UTC
From: kamarty456
Topic: 3189 Message: 3189

I would appreciate it if you can go into the parameters of your amplifier and read the line voltage value, and post it.

I recently noticed my 240VAC line voltage level was 250-253VAC.
According to the local power company, who sent out a technician immediately, told me +/-5% is typical, or 126/126=252VAC at the high end. The down side is the heater LED will flicker and the heater voltage is 13.3-13.5v when I have a 253VAC value.

We discussed my use of the 240VAC line and he even verified the transformer on the power pole is within tolerance.
When he made his measurements he read 248VAC and I had the exact value on my Acom 2000A. I believe the Acom values are accurate and the amplifier is fine. The 248VAC value is well within the tolerance range and the heater LED and voltage is fine.

We agreed the voltage variation may be due to demand loads when I'm on the air. I plan to monitor the 240VAC line for a while to determine if there is any trend. If there is a trend, the power company offered to provide a recording monitor to evaluate the service.

I must say I'm very lucky to have such a responsive power company. Then again, over the years I have established a reliable rapport with
them.

Thanks for your input.

Martin KA7GKN

3190. RE: [acom-list] line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-22 21:21:50 UTC
From: Jim
Topic: 3189 Message: 3190

Marty the 240 volt outlet where I plug my Acom 2000A into reads 239.6 VAC on my Fluke 77. The Acom control head Mains reads 238 volts.

My filament voltage reads 12.5V.

This is with the House Central Air running.

I also have a question for the users, I typically see only a 2 degree difference in the TEMP-R and TEMP-F when operating (Transmitting) the 2000A which is good but one station I talked to recently running a 2000A said he saw up to a 20 degree difference between the front and rear tube temperature which sounds way out of line. Sounds like he has a problem.

73 de KE4WY Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: Monday, June 22, 2009 4:01 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] line voltage to amplifier

I would appreciate it if you can go into the parameters of your amplifier and read the line voltage value, and post it.

I recently noticed my 240VAC line voltage level was 250-253VAC.
According to the local power company, who sent out a technician immediately, told me +/-5% is typical, or 126/126=252VAC at the high end. The down side is the heater LED will flicker and the heater voltage is 13.3-13.5v when I have a 253VAC value.

We discussed my use of the 240VAC line and he even verified the transformer on the power pole is within tolerance.
When he made his measurements he read 248VAC and I had the exact value on my Acom 2000A. I believe the Acom values are accurate and the amplifier is fine. The 248VAC value is well within the tolerance range and the heater LED and voltage is fine.

We agreed the voltage variation may be due to demand loads when I'm on the air. I plan to monitor the 240VAC line for a while to determine if there is any trend. If there is a trend, the power company offered to provide a recording monitor to evaluate the service.

I must say I'm very lucky to have such a responsive power company. Then again, over the years I have established a reliable rapport with them.

Thanks for your input.

Martin KA7GKN

Yahoo! Groups Links

3191. RE: [acom-list] line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-22 23:11:14 UTC
From: K4HW
Topic: 3189 Message: 3191

Marty,

Here the outlet test at 243.7 with a Fluke 97 and the 2000A mains reads 251. Filament voltage reads 13.1. I tend to believe the Fluke as it agrees with other meters I have tried. A calibration procedure for the 2000A might be useful.

73

Hal - K4HW

From: Jim [mailto:pywacker@...]
Sent: Monday, June 22, 2009 5:22 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] line voltage to amplifier

Marty the 240 volt outlet where I plug my Acom 2000A into reads 239.6 VAC on my Fluke 77. The Acom control head Mains reads 238 volts.

My filament voltage reads 12.5V.

This is with the House Central Air running.

I also have a question for the users, I typically see only a 2 degree difference in the TEMP-R and TEMP-F when operating (Transmitting) the 2000A which is good but one station I talked to recently running a 2000A said he saw up to a 20 degree difference between the front and rear tube temperature which sounds way out of line. Sounds like he has a problem.

73 de KE4WY Jim

-----Original Message-----
From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On Behalf
Of kamarty456
Sent: Monday, June 22, 2009 4:01 PM
To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
Subject: [acom-list] line voltage to amplifier

I would appreciate it if you can go into the parameters of your amplifier and read the line voltage value, and post it.

I recently noticed my 240VAC line voltage level was 250-253VAC.
According to the local power company, who sent out a technician immediately, told me +/-5% is typical, or 126/126=252VAC at the high end. The down side

is the heater LED will flicker and the heater voltage is 13.3-13.5v when I have a 253VAC value.

We discussed my use of the 240VAC line and he even verified the transformer on the power pole is within tolerance.
When he made his measurements he read 248VAC and I had the exact value on my Acom 2000A. I believe the Acom values are accurate and the amplifier is fine. The 248VAC value is well within the tolerance range and the heater LED and voltage is fine.

We agreed the voltage variation may be due to demand loads when I'm on the air. I plan to monitor the 240VAC line for a while to determine if there is any trend. If there is a trend, the power company offered to provide a recording monitor to evaluate the service.

I must say I'm very lucky to have such a responsive power company. Then again, over the years I have established a reliable rapport with them.

Thanks for your input.

Martin KA7GKN

Yahoo! Groups Links

[Non-text portions of this message have been removed]

3192. RE: [acom-list] line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-22 23:52:20 UTC
From: Paul M Dunphy
Topic: 3189 Message: 3192

At 08:11 PM 6/22/2009, you wrote:
>Marty,
>
>
>
>Here the outlet test at 243.7 with a Fluke 97 and the 2000A mains reads 251.
>Filament voltage reads 13.1. I tend to believe the Fluke as it agrees with
>other meters I have tried. A calibration procedure for the 2000A might be
>useful.
>
>
>
>73
>
>Hal - K4HW

The specs for the GU73b say 12.6 volts for the filament. While these tubes are very rugged, I would be leery about exceeding this by very much. It's a case of "who do you believe, the Fluke or the ACOM?" To be on the safe side, were it me I'd verify that the filament voltage is not exceeding 12.6 volts, and as Hal says, having the 2000A calibrated would be a good idea.

I'm using an ACOM 1000, and I could find a way to measure the filament pins of the tube using a good voltmeter like a Fluke 97 or equivalent. It is dangerous to be taking these things apart unless you are sure you know what you are doing. I don't know anything about the 2000A other than it runs the same tube(s) and the specs should not be any different with respect to the filament voltage.

I'm not sure how one calibrates an ACOM-2000, but someone was selling one here recently and said that it had been returned to ACOM for alignment. My guess is alignment includes (or is another word for) calibration. This may be something that requires a return to the dealer. Better that than popping tube heaters prematurely.

73, Paul VE1DX

3193. Re: [acom-list] line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-22 23:57:56 UTC
From: K0DAN
Topic: 3189 Message: 3193

Mains measure 242.5 on a RatShack DMM. The Acom says it seems 246 (delta 3.5V)!

This is using semi-rural power, provided by Kansas City Power & Light. 105+ heat index today, and everyone is runing the A/C full bore. Lots of variations noticeable on the mains.

73
dan
k0dan

----- Original Message -----
From: "K4HW" <k4hw@...>
To: <acom-list@yahoogroups.com>
Sent: Monday, June 22, 2009 6:11 PM
Subject: RE: [acom-list] line voltage to amplifier

> Marty,
>
>
>
> Here the outlet test at 243.7 with a Fluke 97 and the 2000A mains reads
> 251.
> Filament voltage reads 13.1. I tend to believe the Fluke as it agrees with
> other meters I have tried. A calibration procedure for the 2000A might be
> useful.
>
>
>
> 73
>
> Hal - K4HW
>
>
>
> _____
>
> From: Jim [mailto:pywacker@...]
> Sent: Monday, June 22, 2009 5:22 PM
> To: acom-list@yahoogroups.com
> Subject: RE: [acom-list] line voltage to amplifier
>
>
>
>
>
>

>
>
>
> Marty the 240 volt outlet where I plug my Acom 2000A into reads 239.6 VAC
> on
> my Fluke 77. The Acom control head Mains reads 238 volts.
>
> My filament voltage reads 12.5V.
>
> This is with the House Central Air running.
>
> I also have a question for the users, I typically see only a 2 degree
> difference in the TEMP-R and TEMP-F when operating (Transmitting) the
> 2000A
> which is good but one station I talked to recently running a 2000A said he
> saw up to a 20 degree difference between the front and rear tube
> temperature
> which sounds way out of line. Sounds like he has a problem.
>
> 73 de KE4WY Jim
>
> -----Original Message-----
> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com]
> On
> Behalf
> Of kamarty456
> Sent: Monday, June 22, 2009 4:01 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: [acom-list] line voltage to amplifier
>
> I would appreciate it if you can go into the parameters of your amplifier
> and read the line voltage value, and post it.
>
> I recently noticed my 240VAC line voltage level was 250-253VAC.
> According to the local power company, who sent out a technician
> immediately,
> told me +/-5% is typical, or 126/126=252VAC at the high end. The down side
> is the heater LED will flicker and the heater voltage is 13.3-13.5v when I
> have a 253VAC value.
>
> We discussed my use of the 240VAC line and he even verified the
> transformer
> on the power pole is within tolerance.
> When he made his measurements he read 248VAC and I had the exact value on
> my
> Acom 2000A. I believe the Acom values are accurate and the amplifier is
> fine. The 248VAC value is well within the tolerance range and the heater
> LED
> and voltage is fine.

>
> We agreed the voltage variation may be due to demand loads when I'm on the
> air. I plan to monitor the 240VAC line for a while to determine if there
> is
> any trend. If there is a trend, the power company offered to provide a
> recording monitor to evaluate the service.
>
> I must say I'm very lucky to have such a responsive power company. Then
> again, over the years I have established a reliable rapport with
> them.
>
> Thanks for your input.
>
> Martin KA7GKN
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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>

3194. Re: line voltage to amplifier

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-24 18:51:30 UTC
From: Andrey Stoev
Topic: 3189 Message: 3194

Hi,

I've made a simple digital voltmeter to monitor my AC line - it cost me $20-$25 at the most! Here is the link :

http://blog.kotarak.net/search?updated-max=2009-02-04T15%3A34%3A00-05%3A00&max-results=10

This voltmeter allows you monitor also each half of the center-tapped power transformer bringing AC to the house (2x120V)
I have an Acom 1000 and it doesnt have the built-in AC line voltmeter.
Its not of a "True-RMS" type but it agrees within 1-2 volts with my calibrated benchtop Fluke.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> I would appreciate it if you can go into the parameters of your amplifier and read the line voltage value, and post it.
>
> I recently noticed my 240VAC line voltage level was 250-253VAC.
> According to the local power company, who sent out a technician immediately, told me +/-5% is typical, or 126/126=252VAC at the high end. The down side is the heater LED will flicker and the heater voltage is 13.3-13.5v when I have a 253VAC value.
>
> We discussed my use of the 240VAC line and he even verified the transformer on the power pole is within tolerance.
> When he made his measurements he read 248VAC and I had the exact value on my Acom 2000A. I believe the Acom values are accurate and the amplifier is fine. The 248VAC value is well within the tolerance range and the heater LED and voltage is fine.
>
> We agreed the voltage variation may be due to demand loads when I'm on the air. I plan to monitor the 240VAC line for a while to determine if there is any trend. If there is a trend, the power company offered to provide a recording monitor to evaluate the service.
>
> I must say I'm very lucky to have such a responsive power company. Then again, over the years I have established a reliable rapport with
> them.
>
>
> Thanks for your input.
>
> Martin KA7GKN
>

3195. using a 240VSC variac?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-30 19:12:55 UTC
From: kamarty456
Topic: 3195 Message: 3195

If you have read my recent posts regarding the high 240VAC line voltage I'm experiencing. I have another question....

I have closely monitored my 240VAC line at various times during the day. I also have not been able to determine and particular trend. The transformer on the power pole supplies my home and three other homes.

Observing the recent comments of my other post I notice most of you are seeing 235-242VAC.

I typically fluctuate from 242-254VAC. I am experiencing the heater voltage fluctuate from 12.6-13.5VAC and the yellow LED flashes. I also realize I'm still within the tube's parameters and perhaps I'm just over cautious.

I have found a 240VAC in [adjustable] 250VAC out rated at 5kvac [20amp] variac.

Should I consider this to ensure the supply voltage to the Acom 2000A is always around 240-245VAC?

Or should I not complain about being within the high range of the line Voltage supplied? SRP has told me +/-5% is within their range of normal, 228-252VAC -or- 114-126VAC per leg.

Martin, KA7GKN

3196. Re: [acom-list] using a 240VSC variac?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-06-30 21:13:03 UTC
From: John Peters
Topic: 3195 Message: 3196

Contact your power company. They can make the adjustment at your pole transformer. They'll put a WESTON Volt meter at your input box with all your loads applied and make the correction.

I don't think a VARIAC can handle to power required for the ACOM.

My power company installed a larger POLE POT! Sounds like yours is on the wrong tap.

73 John K1ER
----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Tuesday, June 30, 2009 9:12 AM
Subject: [acom-list] using a 240VSC variac?

If you have read my recent posts regarding the high 240VAC line voltage I'm experiencing. I have another question....

I have closely monitored my 240VAC line at various times during the day. I also have not been able to determine and particular trend. The transformer on the power pole supplies my home and three other homes.

Observing the recent comments of my other post I notice most of you are seeing 235-242VAC.

I typically fluctuate from 242-254VAC. I am experiencing the heater voltage fluctuate from 12.6-13.5VAC and the yellow LED flashes. I also realize I'm still within the tube's parameters and perhaps I'm just over cautious.

I have found a 240VAC in [adjustable] 250VAC out rated at 5kvac [20amp] variac.

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Or should I not complain about being within the high range of the line Voltage supplied? SRP has told me +/-5% is within their range of normal, 228-252VAC -or- 114-126VAC per leg.

Martin, KA7GKN

[Non-text portions of this message have been removed]

3197. RE: [acom-list] using a 240VSC variac?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-07-07 17:50:00 UTC
From: Callum MØMCX
Topic: 3195 Message: 3197

Same topic as you Martin, if I□m not on utility power, my large generator kicks out about 253 volts when in a no-load situation. The heater light flashes and goes out as soon as either we put the kettle on or start transmitting.

Should I worry myself or just leave it as is..?

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: 30 June 2009 20:13
To: acom-list@yahoogroups.com
Subject: [acom-list] using a 240VSC variac?

If you have read my recent posts regarding the high 240VAC line voltage I'm experiencing. I have another question....

I have closely monitored my 240VAC line at various times during the day. I also have not been able to determine and particular trend. The transformer on the power pole supplies my home and three other homes.

Observing the recent comments of my other post I notice most of you are seeing 235-242VAC.

I typically fluctuate from 242-254VAC. I am experiencing the heater voltage fluctuate from 12.6-13.5VAC and the yellow LED flashes. I also realize I'm still within the tube's parameters and perhaps I'm just over cautious.

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Or should I not complain about being within the high range of the line Voltage supplied? SRP has told me +/-5% is within their range of normal, 228-252VAC -or- 114-126VAC per leg.

Martin, KA7GKN

[Non-text portions of this message have been removed]

3198. Re: using a 240VSC variac?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-07-10 16:13:47 UTC
From: kamarty456
Topic: 3195 Message: 3198

Let me add an update to this topic....

Recently I purchased a small LCD AC voltmeter. It is a 3 digit panel mount style..when I hooked it up to my 240VAC outlet I read around 248VAC. The Acom 2000A amplifier on the "RCU" read 252VAC.

I used two other multimeters to verify the correct AC line voltage value and I'm beginning to wonder about what the Acom display is showing.

I now have the following questions:

1. Is there an adjustment to calibrate the 240VAC display?
2. Is there an adjustment to calibrate the heater voltages to the tubes? As I am seeing 13.1-13.5VDC depending upon the value of the line voltage.
3. The yellow heater lamp does flash quickly when the line voltage displayed is 252VAC or higher.
4. This anomaly has only started to occur within the past 3 months or so. My 2000A is almost 9 years old. I purchased it around September 2000.

-OR-

Am I simply overreacting to nothing and simply ignore it and enjoy the amplifier?

Martin KA7GKN

3199. RE: [acom-list] Re: using a 240VSC variac?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-07-10 18:12:56 UTC
From: K4HW
Topic: 3195 Message: 3199

Marty,

"Mains" on my RCU reads about 7 volts high. I believe it has always been like this for the 8 years I have had the amp. Some time ago I looked at the schematics and it appears there is one ADC chip for most if not all analog readings with a calibration pot for it. There also appears to be separate adjustments for individual analog sources. My FIL-V also reads higher than I think it is suggesting perhaps a common adjustment. The amp will only pass about 150 watts or so before the alarm. I get away with it because the incoming voltage here is pretty steady around 240-243V and so far it has not aggravated me enough to take action. It is my opinion that a number of amps were not calibrated properly and that is what you are seeing. Misalignment in this direction should not hurt the amp but only aggravate the operator.

73

Hal - K4HW

From: kamarty456 [mailto:martins160@...]
Sent: Friday, July 10, 2009 12:14 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: using a 240VSC variac?

Let me add an update to this topic....

Recently I purchased a small LCD AC voltmeter. It is a 3 digit panel mount style..when I hooked it up to my 240VAC outlet I read around 248VAC. The Acom 2000A amplifier on the "RCU" read 252VAC.

I used two other multimeters to verify the correct AC line voltage value and I'm beginning to wonder about what the Acom display is showing.

I now have the following questions:

1. Is there an adjustment to calibrate the 240VAC display?
2. Is there an adjustment to calibrate the heater voltages to the tubes? As I am seeing 13.1-13.5VDC depending upon the value of the line voltage.
3. The yellow heater lamp does flash quickly when the line voltage displayed is 252VAC or higher.
4. This anomaly has only started to occur within the past 3 months or so. My 2000A is almost 9 years old. I purchased it around September 2000.

-OR-

Am I simply overreacting to nothing and simply ignore it and enjoy the amplifier?

Martin KA7GKN

[Non-text portions of this message have been removed]

3200. 2 or 3 tranceivers on the same ACOM 2000 PTT RCA Connector

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-04 01:02:48 UTC
From: va2nrj
Topic: 3200 Message: 3200

Hello And thanks for reading me

What is the best way to connect 2 or even 3 transceivers on the same PTT RCA connector on my Acom 2000A

I know I can buy a special interface to control the PTT thru the microphone but I would rather use the PTT connector on the transceiver

I'm afraid to connect all the tranceiver in parallel !
I think the best solution is to build and use a homemade interface with optocoupler to 'isolate' each PTT transceiver connector

Any comments and/or suggestions would be appreciate

Robin

VA2NRJ

3201. Re: [acom-list] 2 or 3 tranceivers on the same ACOM 2000 PTT RCA Connector

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-04 06:55:40 UTC
From: Brian Alsop
Topic: 3200 Message: 3201

Robin,
It really depends on what rigs. If they have relays which ground the
PTT, they obviously can be connected in parallel.

If the rigs have "open collector outputs", they can be paralleled.

What I did to handle multiple rigs with different AMP KEY outputs was to
use a single ULN2003. It has 7 drivers (open collector outputs) in one
IC The inputs were conditioned so that the ULN2003's ground the ACOM
PTT line on xmit. The outputs from each driver was paralleled and
connected to the ACOM AMP key input.

To pull this off, you need to supply a + voltage to the ULN2003 input.
Some rigs supply this. Others may need an extra inverter stage (using
the same drivers in the package, to produce the + voltage.

Really quite simple. 1 IC with a couple of resistors (maybe) does it
all. It sure beats a bunch of opto couplers.

73 de Brian/K3KO

va2nrj wrote:
> Hello And thanks for reading me
>
> What is the best way to connect 2 or even 3 transceivers on the same PTT RCA connector on
my Acom 2000A
>
> I know I can buy a special interface to control the PTT thru the microphone but I would
rather use the PTT connector on the transceiver
>
> I'm afraid to connect all the tranceiver in parallel !
> I think the best solution is to build and use a homemade interface with optocoupler to
'isolate' each PTT transceiver connector
>
> Any comments and/or suggestions would be appreciate
>
> Robin
>
> VA2NRJ
>
>
>
>
> --
>

>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.392 / Virus Database: 270.13.42/2279 - Release Date: 08/03/09 05:57:00
>

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.392 / Virus Database: 270.13.42/2279 - Release Date: 08/03/09 05:57:00

[Non-text portions of this message have been removed]

3202. ACOM 2000A Remote control

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-04 14:11:26 UTC
From: ik2typ
Topic: 3200 Message: 3202

Dear ACOM Users:

I am trying to use Acom tools for remote control but I have a problem with it. (I know I am not the only one).

It works reading the data coming from Amplifier as Forward Power, Reflected Power, etc. correctly. but it does not send any command to the amplifier or the amplifier does not receive the data.

1) If I use Acom tools to switch ON and OFF the amply it does not work (this operation is possible only via RCU).

2) If I use Acom tools to switch from standby to operate it does not switches (this operation is possible only via RCU).

Anyway if I use RCU to do (1-2) as above, the specific button into the ACOMTools the leds indicators (on/off and OPR, STB), goes lights correctly.

Have to say that I am Using the serial cable supplied with the RS-232 ACOM Interface wired as follow:

1 not connected

2 to $B"*(B 3

3 to $B"*(B 2

4 not connected

5 to $B"*(B 5

6 not connected

7 to $B"*(B 8

8 to $B"*(B 7

9 not connected

Just to make a test, I made another cable with the same configuration as above but with a connection wired from pin 4 to pin 6 but also, things does not changed.

I tried to made a third cable with only three wire as follow:

2 to $B"*(B 3

3 to $B"*(B 2

5 to $B"*(B 5

But also in this way ACOMTools does not change in any way, it still works in the same manner not more and nothing less.

I this point I think the problem is into the communication lines CTS and RTS.

Is there someone who can help me ????

I did not found any help from ACOM firm and I am so sad about it, but I do not give up at all.

Thank you

73 de IK2TYP

Federico

[Non-text portions of this message have been removed]

3203. AW: [acom-list] ACOM 2000A Remote control

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-04 14:44:19 UTC
From: Markus Schleutermann
Topic: 3200 Message: 3203

Hi Federico

Forget about the acom tools, they are scrap, a real shame for the manufacturer of such a good hardware... To monitor the output, temperature and operating status just place a webcam in front of the remote display, so you can see all paramaters when operating the amp. The Acom2000 does not need any switching for regular use, it's fully automatic, even the bandswitching. In order to switch the two buttons Operate/Standby and power on/off I soldered two cables parallel to the switches in the remote unit and switch them via a rs232-relay interface. I am running a 2000 this way for two years now in a public remote station and it works flawlessly.

73 de Mark, HB9AZT

Von: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] Im Auftrag von ik2typ
Gesendet: Dienstag, 4. August 2009 16:11
An: acom-list@yahoogroups.com
Betreff: [acom-list] ACOM 2000A Remote control

Dear ACOM Users:

I am trying to use Acom tools for remote control but I have a problem with it. (I know I am not the only one).

It works reading the data coming from Amplifier as Forward Power, Reflected Power, etc. correctly. but it does not send any command to the amplifier or the amplifier does not receive the data.

1) If I use Acom tools to switch ON and OFF the amply it does not work (this operation is possible only via RCU).

2) If I use Acom tools to switch from standby to operate it does not switches (this operation is possible only via RCU).

Anyway if I use RCU to do (1-2) as above, the specific button into the ACOMTools the leds indicators (on/off and OPR, STB), goes lights correctly.

Have to say that I am Using the serial cable supplied with the RS-232 ACOM Interface wired as follow:

1 not connected

2 to $B"*(B 3

3 to $B"*(B 2

4 not connected

5 to $B"*(B 5

6 not connected

7 to $B"*(B 8

8 to $B"*(B 7

9 not connected

Just to make a test, I made another cable with the same configuration as above but with a connection wired from pin 4 to pin 6 but also, things does not changed.

I tried to made a third cable with only three wire as follow:

2 to $B"*(B 3

3 to $B"*(B 2

5 to $B"*(B 5

But also in this way ACOMTools does not change in any way, it still works in the same manner not more and nothing less.

I this point I think the problem is into the communication lines CTS and RTS.

Is there someone who can help me ????

I did not found any help from ACOM firm and I am so sad about it, but I do not give up at all.

Thank you

73 de IK2TYP

Federico

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3204. RE: [acom-list] ACOM 2000A Remote control

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-04 16:13:59 UTC
From: George Steube
Topic: 3200 Message: 3204

Frederico,
I have not tried Acom tools with my 2000, but have not heard of many success stories. As an alternative there are a number of software packages that will remotely control the Acom very well. Look at TRX manager as one. FlexRadio has a utility that also works well. Best of luck.
George
W2GS
-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of ik2typ
Sent: Tuesday, August 04, 2009 9:11 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] ACOM 2000A Remote control

Dear ACOM Users:

I am trying to use Acom tools for remote control but I have a problem with it. (I know I am not the only one).

It works reading the data coming from Amplifier as Forward Power, Reflected
Power, etc. correctly. but it does not send any command to the amplifier or
the amplifier does not receive the data.

1) If I use Acom tools to switch ON and OFF the amply it does not work (this operation is possible only via RCU).

2) If I use Acom tools to switch from standby to operate it does not switches (this operation is possible only via RCU).

Anyway if I use RCU to do (1-2) as above, the specific button into the ACOMTools the leds indicators (on/off and OPR, STB), goes lights correctly.

Have to say that I am Using the serial cable supplied with the RS-232 ACOM Interface wired as follow:

1 not connected

2 to $B"*(B 3

3 to $B"*(B 2

4 not connected

5 to $B"*(B 5

6 not connected

7 to $B"*(B 8

8 to $B"*(B 7

9 not connected

Just to make a test, I made another cable with the same configuration as above but with a connection wired from pin 4 to pin 6 but also, things does
not changed.

I tried to made a third cable with only three wire as follow:

2 to $B"*(B 3

3 to $B"*(B 2

5 to $B"*(B 5

But also in this way ACOMTools does not change in any way, it still works in
the same manner not more and nothing less.

I this point I think the problem is into the communication lines CTS and RTS.

Is there someone who can help me ????

I did not found any help from ACOM firm and I am so sad about it, but I do not give up at all.

Thank you

73 de IK2TYP

Federico

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3205. Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 13:42:15 UTC
From: N1EU
Topic: 3205 Message: 3205

Not sure what they're properly termed, but the 2000A chassis has about 25 nuts inserted into holes that the black top cover screws thread into. I've had one fall out of the hole and I was wondered what is the best adhesive to secure the nut to the hole?

Thanks & 73,
Barry N1EU

3206. Re: [acom-list] Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 15:13:20 UTC
From: Jim Cox
Topic: 3205 Message: 3206

I have used some quick set epoxy, the kind that comes in 2 tubes you mix together.
It holds very well but don't torque the screw down with all your strength.....
Jim K4JAF

----- Original Message -----
From: N1EU
To: acom-list@yahoogroups.com
Sent: Friday, August 07, 2009 8:42 AM
Subject: [acom-list] Nuts that hold top cover screws

Not sure what they're properly termed, but the 2000A chassis has about 25 nuts inserted into holes that the black top cover screws thread into. I've had one fall out of the hole and I was wondered what is the best adhesive to secure the nut to the hole?

Thanks & 73,
Barry N1EU

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13000
http://www.pctools.com/spyware-doctor-antivirus/

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13000
http://www.pctools.com/en/spyware-doctor-antivirus/

[Non-text portions of this message have been removed]

3207. Re: Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 15:36:30 UTC
From: kamarty456
Topic: 3205 Message: 3207

Hi Barry, hope all is well....

Those pain in the butt nuts are formally called "clinch nuts"

The key here..if installed correctly the self clinching nut will "resist" loosening caused by vibration or repeated motion.

Often an arbor type press is used to press fit them into the pre-drilled hole. I suspect whoever is installing these things during assembly has no clue how to set up his station to properly secure these things!

I have lost a few of the on my Acom too.

You can replace them. I ordered some from "Small Parts Inc."
www.smallparts.com search "clinching nuts [metric]"

You may try calling ACOM and ask for a few plus new screws.

Over torquing the screws when assembling the amplifier cover will more times than not cause the clinch nuts to twist and fail. using a very light touch or a clutch type screw driver set at position one or two is they way to ensure you don't damage the clinch nuts.

Keep in mind the Acom cover is using very soft metric 3.5mm or something like that Phillips screws. You actually need a metric sized Phillips screw driver to avoid bunging up the heads. I have used a pozidrive #1 bit and it works if careful. You may also do ok with a #2 Phillips bit but be sure it's in good shape, a worn bit will quickly destroy the screw heads.

Marty KA7GKN

3208. Re: [acom-list] Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 15:44:39 UTC
From: K0DAN
Topic: 3205 Message: 3208

I use a small dollop of the Quick-set type of JB Weld, applied with a toothpick. As others have commented, once replaced, the compression fit nuts/screws are more cosmteic than anything...if you tighten down on the cover screws too much, you will break the glue bead and have to start over. Fortunately, Acom uses so many screws, you can afford to have a couple broken "cosmetic-only" ones, and retain the cover with the majority of properly-anchored nuts.

GL es 73

dan
k0dan

----- Original Message -----
From: "N1EU" <barry.n1eu@...>
To: <acom-list@yahoogroups.com>
Sent: Friday, August 07, 2009 8:42 AM
Subject: [acom-list] Nuts that hold top cover screws

> Not sure what they're properly termed, but the 2000A chassis has about 25
> nuts inserted into holes that the black top cover screws thread into.
> I've had one fall out of the hole and I was wondered what is the best
> adhesive to secure the nut to the hole?
>
> Thanks & 73,
> Barry N1EU
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

3209. Re: [acom-list] Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 16:32:41 UTC
From: paul glassman
Topic: 3205 Message: 3209

barry, they are called pems. their purpose is to fall into your rig and cause it to explode when it shorts the high voltage supply. i dont why any manufacturer would use them on high voltage quipment. throw it away. dont try to reattach it.   paul w8jn

[Non-text portions of this message have been removed]

3210. Re: Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 19:13:42 UTC
From: N1EU
Topic: 3205 Message: 3210

Thanks for all the responses guys and a variety of good info and suggestions. The Acom reflector is alive and well!

73,
Barry N1EU

3211. RE: [acom-list] Re: Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 19:28:36 UTC
From: paul glassman
Topic: 3205 Message: 3211

barry, my 2000a dropped 3 pems. it was a month of blood and sweat finding those bad boys...
paul w8jn

N1EU wrote:
>
> Thanks for all the responses guys and a variety of good info and suggestions. The Acom reflector is alive and well!
> 73,
> Barry N1EU
>

3212. Re: [acom-list] Re: Nuts that hold top cover screws

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-07 22:19:40 UTC
From: Dennis Vernacchia
Topic: 3205 Message: 3212

Barry,

I have had one or two come loose in past
and the epoxy or JB Weld is best way to go as I had tried installing new
ones in the past
but the metal around the hole no longer had enough material to hold the new
ones.

If I ever go back into my ACOM I will put a bead of Epoxy or JB Weld around
every one
I can get to !

This was a nasty error by ACOM and surprised they did not supply every owner
with a warning and a repair kit

Definitely not on par with the overall great quality and performance of the
world's best amp !

73, Dennis N6KI

On Fri, Aug 7, 2009 at 12:28 PM, paul glassman
<highschooldiving@...>wrote:

>
>
> barry, my 2000a dropped 3 pems. it was a month of blood and sweat finding
> those bad boys... paul w8jn
>
>
> N1EU wrote:
> >
> > Thanks for all the responses guys and a variety of good info and
> suggestions. The Acom reflector is alive and well!
> > 73,
> > Barry N1EU
> >
>
>
>

[Non-text portions of this message have been removed]

3213. Kenwood TS-2000 wire REMOTE to ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-09 15:18:31 UTC
From: Fulvio Galli
Topic: 3200 Message: 3213

Hello dear OMs,

I'm not in clear on which connection I need to do to wire my TS-2000
with the ACOM 2000A. I checked the Kenwood manual, but I do really not
understand ;-)
Any help will be much appreciated.

Vy 73 de HB9DHG Fulvio
http://www.hb9dhg.ch

3214. RE: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-12 18:16:13 UTC
From: Callum MØMCX
Topic: 3200 Message: 3214

There□s the complex 15 pin (or so) plug on the back of the rig that you will need to wire to a phono plug.

Also, suggest the Yahoo group for TS2000 users.

Cheers,

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Fulvio Galli
Sent: 09 August 2009 16:19
To: acom-list@yahoogroups.com
Subject: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000

Hello dear OMs,

I'm not in clear on which connection I need to do to wire my TS-2000 with the ACOM 2000A. I checked the Kenwood manual, but I do really not understand ;-)
Any help will be much appreciated.

Vy 73 de HB9DHG Fulvio
http://www.hb9dhg.ch

[Non-text portions of this message have been removed]

3215. Re: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-12 18:22:11 UTC
From: Fulvio Galli
Topic: 3200 Message: 3215

Thanks Callum,

based on the transceiver manual, it seems i need to use the 7 pin
REMOTE plug
back on my TS-2000, not the 15 pin. I will double check also on the
TS2000 yahoo group.
Thank you for your reply.

Regards,
Fulvio HB9DHG
http://www.hb9dhg.ch

On Aug 12, 2009, at 8:16 PM, Callum MØMCX wrote:

> There’s the complex 15 pin (or so) plug on the back of the rig that
> you will
> need to wire to a phono plug.
>
> Also, suggest the Yahoo group for TS2000 users.
>
> Cheers,
>
> Callum McCormick
>
> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of Fulvio Galli
> Sent: 09 August 2009 16:19
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000
>
> Hello dear OMs,
>
> I'm not in clear on which connection I need to do to wire my TS-2000
> with the ACOM 2000A. I checked the Kenwood manual, but I do really not
> understand ;-)
> Any help will be much appreciated.
>

> Vy 73 de HB9DHG Fulvio
> http://www.hb9dhg.ch
>
> [Non-text portions of this message have been removed]
>
>
>

3216. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-13 18:09:12 UTC
From: Kees - pa7two
Topic: 3128 Message: 3216

Hey group,

Not so much activity lately, so I have a subject to stirrrr things up a bit :-)

Guess what I received today? GU74B tubes from 07-2007 and 11-2007 production runs. Not printed with '4cx800a' (as expected), no... with the good old 'GU74B' print in small print. Looks like the we have another proof that the Svetlana factory is still making these tubes on demand.

I took a very close look, and I recognised a few parameters from the russian experts on the tubes print that changed after year 2003. These are definitely brand new tubes. No re-print or whatever.

Anyone fancy a photo? Use my personal mail my callsign at amsat DOT org.

See yah in the pile-up!

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: la7sl@...
Date: Wed, 6 May 2009 10:36:49 +0200
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

I fully agree to what LA8AW says here !
I got the same written response from Acom Bulgaria when I tried to order new
tubes for our clubs 2000A. In addition I tried to contact Svetlana. After some time
I got a response telling me they did not make any GU74B or 4CX800 tubes, and the
lady that contacted me did not know if such plans existed at the present time.
Acom in USA did for some reason not even answer my emails...might have been
a case of lost mails though....
Kees PA7TWO sent us some very good tubes...they match to within 2 degrees centigrade
at full power after adjusting per Acoms instructions ! And Kees never even claimed they
were matched ! :-)
The tubes have now performed excellent in many 48 hour contests. Thank you to Kees for his
excellent
service !
These tubes are not, and I repeat NOT available as a standard stock item anywhere !
Some dealers (only one that I know of....) offer them NOS and tested/matched...but it is
always a question of availability !
The are scarce,- and will be ever more so as time goes by, Keep up your service Kees !
Peter
LA7SL

----- Original Message -----
From: LA8AW
To: acom-list@yahoogroups.com
Sent: Tuesday, May 05, 2009 9:58 PM
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

An interesting aspect in this discussion:

Try to order a GU-74B from ACOM.

They do not sell them.....Period!

ACOM has in a mail from their Technical Dept., dated May 5th 2008 (1 year ago today!) - listed 7-8 places to get hold of replacement tubes,
and also mention Kees PA7TWO sells good tubes.

The mail is signed by Stan LZ1IU.

When checking out the suppliers on the list - Kees was 1 of 2 who answered on an email request.

ACOM users shoud be very happy that they have people like Kees - who probably spend quite a lot of time and effort to find sources for this kind of tubes.

And a mail now and then - on this list to tell that tubes is available - for me that is not a problem at all - that is just valuable informations for
owners of ACOM PA's,

On Tue, May 5, 2009 at 21:16, Paul M Dunphy <amplifier@...> wrote:
>
>
> At 03:59 PM 5/5/2009, you wrote:
>
>>
>>
>>Assume that your response was to my posting. It was my intention to
>>provide info on the matched pair situation.
>
> Absolutely not, Joel. If my post came across as directed at
> you, I apologize to you and the list members.
>
> 73, Paul VE1DX
>
>

--

---

73 de LA8AW - Odd-Egil

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.323 / Virus Database: 270.12.19/2099 - Release Date: 05/05/09 13:07:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.323 / Virus Database: 270.12.19/2099 - Release Date: 05/05/09 13:07:00

[Non-text portions of this message have been removed]

_____
Get back to school stuff for them and cashback for you.
http://www.bing.com/cashback?form=MSHYCB&publ=WLHMTAG&crea=TEXT_MSHYCB_BackToSchool_Cashback_BTSCashback_1x1

[Non-text portions of this message have been removed]

3217. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-13 18:29:43 UTC
From: Hans Remeeus
Topic: 3128 Message: 3217

Here we go again...

Is there a moderator of this group who can stop this commercial
advertisements?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
>
>
> Hey group,
>
> Not so much activity lately, so I have a subject to stirrrr things up a
> bit :-)
>

3218. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-13 18:54:47 UTC
From: Kees - pa7two
Topic: 3128 Message: 3218

Read the message carefully starting 'barking' Hans.

Did I advertice these were tubes for sale? NO!

Did I want to inform the group about the fact that the Svetlana factory tubes are still made? YES!

That is all to it and nothing more.

Whatever one tries, some people just never learn...

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Thu, 13 Aug 2009 20:29:43 +0200
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

Here we go again...

Is there a moderator of this group who can stop this commercial
advertisements?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
>
>
> Hey group,
>
> Not so much activity lately, so I have a subject to stirrrr things up a
> bit :-)
>

_____
Get back to school stuff for them and cashback for you.
http://www.bing.com/cashback?form=MSHYCB&publ=WLHMTAG&crea=TEXT_MSHYCB_BackToSchool_Cashback_BTSCashback_1x1

[Non-text portions of this message have been removed]

3219. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-13 19:01:57 UTC
From: Hans Remeeus
Topic: 3128 Message: 3219

You know better, Kees!

Just use eBay or something else to sell your tubes.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
> Read the message carefully starting 'barking' Hans.
>
> Did I advertice these were tubes for sale? NO!
>
> Did I want to inform the group about the fact that the Svetlana factory
> tubes are still made? YES!
>
> That is all to it and nothing more.
>
> Whatever one tries, some people just never learn...
>
> Vy 73, de Kees.
>

3220. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-13 20:19:07 UTC
From: John Peters
Topic: 3128 Message: 3220

Why would anyone not consider news that Svetlana is still producing the tubes for the ACOM not of interest to the ACOM LIST? It was a concern some time ago and everyone was looking for old tubes.
73 John K1ER
----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Thursday, August 13, 2009 9:01 AM
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

You know better, Kees!

Just use eBay or something else to sell your tubes.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
> Read the message carefully starting 'barking' Hans.
>
> Did I advertice these were tubes for sale? NO!
>
> Did I want to inform the group about the fact that the Svetlana factory
> tubes are still made? YES!
>
> That is all to it and nothing more.
>
> Whatever one tries, some people just never learn...
>
> Vy 73, de Kees.
>

[Non-text portions of this message have been removed]

3221. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-14 04:08:46 UTC
From: Hans Remeeus
Topic: 3128 Message: 3221

No problem Pete.

But this was not the main reason of Kees' message. Kees sells those 2007
GU74b tubes for 235 euro a piece excl. shipping.

In Friedrichshafen I spoke with several Russian and East European guys
and one of them sold the 2007 Svetlana GU74b tubes for 125 euro a pair!!

So be my guest...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

John Peters schreef:
>
>
> Why would anyone not consider news that Svetlana is still producing the
> tubes for the ACOM not of interest to the ACOM LIST? It was a concern
> some time ago and everyone was looking for old tubes.
> 73 John K1ER

3222. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-14 17:58:46 UTC
From: Andrey Stoev
Topic: 3128 Message: 3222

I really dont understand the cause of all this fuss.
The tubes are an essential part for the amplifier and all product specific yahoo groups allow "for sale" ads when they are topic related.
Every once in awhile somebody will be in the need to replace the tubes and you cant just buy them at your local hardware store.
ACOM asks much more for a tube than Kees - last time I checked was well over 300 euros (and they might have similar source as the one you are describing).
Of course Kees is not going to handle the logistics with shipments from Russia and maintain contacts there if he is going to profit only 5 euros per tube. Everything has a price.
And let me tell you about buying tubes from eBay - last time I bought a GU74b from eBay, i waited a few months before I had the tube in my hands.
I dont mind seeing that I have one more option to buy tubes and as long as Kees is not posting once a week (which he doesnt do anyway) I am OK with seeing his ads or any comercial ad concerning the ACOM products.
btw. I have no interest in his sales or any connection with him
Just my 2 cents.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> No problem Pete.
>
> But this was not the main reason of Kees' message. Kees sells those 2007
> GU74b tubes for 235 euro a piece excl. shipping.
>
> In Friedrichshafen I spoke with several Russian and East European guys
> and one of them sold the 2007 Svetlana GU74b tubes for 125 euro a pair!!
>
> So be my guest...
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> John Peters schreef:
> >
> >
> > Why would anyone not consider news that Svetlana is still producing the
> > tubes for the ACOM not of interest to the ACOM LIST? It was a concern

> > some time ago and everyone was looking for old tubes.
> > 73 John K1ER
>

3223. RE: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-15 22:30:43 UTC
From: Callum MØMCX
Topic: 3128 Message: 3223

Hans I agree.

They are advertisements only, not added value to this group. He should be more open about his business. Here□s another example from May this year. I am fed up with him. He□s an aggressive little sh1t too.

Start:

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Kees - pa7two
Sent: 04 May 2009 17:46
To: ACOM Reflector site
Subject: [acom-list] NOS GU74B 02-2007 available FS

Hi all,

Now available in limited quantities: Svetlana GU74B tubes, manufactured in 02-2007 (No, it is not a typo, production year 2007!!)

Photos, pricing etc available on request via e-mail.

In case you need my e-mail address, use www.qrz.com for the lookup < pa7two > (or just use at hotmail dot com)

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

[Non-text portions of this message have been removed]

3224. RE: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-15 22:32:59 UTC
From: Callum MØMCX
Topic: 3200 Message: 3224

Fulvio,

Go to Menu 28A and turn on each Linear Amplifier control from the default
OFF to 1.

Callum McCormick
http://www.m0mcx.co.uk/
t: 07976 631881
65 Glendon Way, B93 8SY
http://www.facebook.com/m0mcx

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@...m] On Behalf
Of Fulvio Galli
Sent: 12 August 2009 19:22
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000

Thanks Callum,

based on the transceiver manual, it seems i need to use the 7 pin
REMOTE plug
back on my TS-2000, not the 15 pin. I will double check also on the
TS2000 yahoo group.
Thank you for your reply.

Regards,
Fulvio HB9DHG
http://www.hb9dhg.ch

On Aug 12, 2009, at 8:16 PM, Callum MØMCX wrote:

> There□s the complex 15 pin (or so) plug on the back of the rig that
> you will
> need to wire to a phono plug.
>
> Also, suggest the Yahoo group for TS2000 users.
>
> Cheers,
>
> Callum McCormick
>
> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY

>
> http://www.facebook.com/m0mcx
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]
> On Behalf
> Of Fulvio Galli
> Sent: 09 August 2009 16:19
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Kenwood TS-2000 wire REMOTE to ACOM 2000
>
> Hello dear OMs,
>
> I'm not in clear on which connection I need to do to wire my TS-2000
> with the ACOM 2000A. I checked the Kenwood manual, but I do really not
> understand ;-)
> Any help will be much appreciated.
>
> Vy 73 de HB9DHG Fulvio
> http://www.hb9dhg.ch
>
> [Non-text portions of this message have been removed]
>
>
>

Yahoo! Groups Links

3225. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 06:18:27 UTC
From: Hans Remeeus
Topic: 3128 Message: 3225

Thanks Callum.

My objection is that we daily get more then enough all kinds of offers, called SPAM. I had hoped that this Yahoo group would have been free of this. If I decide to buy 'whatever' I look at eBay or I search on Google.

Ok, let's move on to more interesting subjects...

On short notice I want to write an IMHO important modification for the Acom 2000A, but probable also important for the Acom 1000. I have noticed that the two SO-239 connectors are not of very good quality. This may cause a strange effect (noise) after releasing the PTT.

Thanks to Clemens DL4RAJ I have been attended on this modification. As soon as I can find the time I will write a modification on my internetsite, together with a few photos how to replace the two SO-239 connectors. I will replace them with N-connectors, as they give better results; not only mechanical but also electronically (a more consisting 50 Ohm impedance).

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Callum M?MCX schreef:
>
>
> Hans I agree.
>
> They are advertisements only, not added value to this group. He should be
> more open about his business. Here?s another example from May this year. I
> am fed up with him. He?s an aggressive little sh1t too.
>
> Start:
>

3226. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 07:46:25 UTC
From: LA8AW
Topic: 3128 Message: 3226

The discussion continues....but check out this message no 2784 from August last year....
(throwing stones when sitting in a glass house....?)

Here is a copy:

From: Hans Remeeus <hans@...>
Date: Wed, Aug 20, 2008 at 08:26
Subject: [acom-list] GU74b for sale in Germany
To: acom-list@yahoogroups.com

GU74b/4CX800
Verkaufe 4CX800/GU74b. Jede Röhre wird von mir 24 Std. vorgeheizt. Für weitere Anbebote bitte auf www.dl3jj.de reinschauen! Preis: 90,- zzgl. Versand
Ralf Georgi - DL3JJ
Tel:0172/3520835
dl3jj@qro-shop.com

Quick translation:
For sale 4CX800/GU74b. Every tube has been pre-heated during 24 hours. Price 90 euro excluding shipping. For other offers please have a look at www.dl3jj.de

Bestseller ! New and pre-heated 24hrs!
GU74B, same as 4CX800 but much cheaper, is mostly-used tube in amps up to 800W.
Similar to 4CX800 but able to give some more watts output! You can find at: EMTRON DX1, or HF2500DXIII, or Ten TEC Titan III, or ACOM 1000 oder 2000.
Price: 90,- + shipping.

--
73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

On Sun, Aug 16, 2009 at 08:18, Hans Remeeus <hans@...> wrote:

> Thanks Callum.
>
> My objection is that we daily get more then enough all kinds of offers,
> called SPAM. I had hoped that this Yahoo group would have been free of
> this. If I decide to buy 'whatever' I look at eBay or I search on Google.
>

[Non-text portions of this message have been removed]

3227. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 07:50:38 UTC
From: Martin Andrew
Topic: 3128 Message: 3227

Already modified the input and output sockets to 'N' type PTFE. No
improvement in
power or stability on an Acom 1000, but I know they will not burn up in the
future.
Both sockets are not easy to work on but a little time and perseverance will
get the job done.
I have also done the 70MHz modification and find I can get more than enough
power
on this band, shame the amp won't get to 144MHz !!, I wait to see when (if)
ACOM produce
a 144MHz amplifier if not then it is I0JXX solid state.
Found problems with my driver (FT-847) giving ALC spikes, but now have an
interface
which delays RF by about 200mS, seems to work.

Personally I am not bothered if people want to advertise on here, there is a
magic key
on my keyboard called 'DELETE'.

Thanks,
Martin, GM6VXB, IO97aq

----- Original Message -----
From: "Hans Remeeus" <hans@...>
To: <acom-list@yahoogroups.com>
Sent: Sunday, August 16, 2009 6:18 AM
Subject: Re: [acom-list] NOS GU74B 02-2007 available FS

> Thanks Callum.
>
> My objection is that we daily get more then enough all kinds of offers,
> called SPAM. I had hoped that this Yahoo group would have been free of
> this. If I decide to buy 'whatever' I look at eBay or I search on Google.
>
> Ok, let's move on to more interesting subjects...
>
> On short notice I want to write an IMHO important modification for the
> Acom 2000A, but probable also important for the Acom 1000. I have
> noticed that the two SO-239 connectors are not of very good quality.
> This may cause a strange effect (noise) after releasing the PTT.
>
> Thanks to Clemens DL4RAJ I have been attended on this modification. As
> soon as I can find the time I will write a modification on my
> internetsite, together with a few photos how to replace the two SO-239
> connectors. I will replace them with N-connectors, as they give better
> results; not only mechanical but also electronically (a more consisting

> 50 Ohm impedance).
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> Callum M?MCX schreef:
>>
>>
>> Hans I agree.
>>
>> They are advertisements only, not added value to this group. He should be
>> more open about his business. Here?s another example from May this year.
>> I
>> am fed up with him. He?s an aggressive little sh1t too.
>>
>> Start:
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

3228. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 08:00:03 UTC
From: Hans Remeeus
Topic: 3128 Message: 3228

Hello OM,

This was my answer on all those SPAM messages from Kees. I had hoped
that you did understand this.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

LA8AW schreef:
>
>
> The discussion continues....but check out this message no 2784 from August
> last year....
> (throwing stones when sitting in a glass house....?)
>

3229. [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 11:44:18 UTC
From: trevor dunne
Topic: 3128 Message: 3229

Hi All

on power on my Acom 1000 is giving a PN07 Fault on the screen.

anyone have any idea what it could be.

thanks
Trevor

[Non-text portions of this message have been removed]

3230. Re: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 12:44:33 UTC
From: Pete Connors
Topic: 3128 Message: 3230

Reading the manual, it looks like a HV fault during the first part of powerup, possibly a sign of no HV available or too high. Fuses? Mains volts?

Pete F5VNB

3231. Re: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 12:57:32 UTC
From: Jim Cox
Topic: 3128 Message: 3231

As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF

----- Original Message -----
From: trevor dunne
To: acom-list@yahoogroups.com
Sent: Sunday, August 16, 2009 6:44 AM
Subject: [acom-list] Acom 1000 power on fault

Hi All

on power on my Acom 1000 is giving a PN07 Fault on the screen.

anyone have any idea what it could be.

thanks
Trevor

[Non-text portions of this message have been removed]

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13050
http://www.pctools.com/spyware-doctor-antivirus/

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13050
http://www.pctools.com/en/spyware-doctor-antivirus/

[Non-text portions of this message have been removed]

3232. Re: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 13:41:39 UTC
From: trevor dunne
Topic: 3128 Message: 3232

Thanks for the replys I will take the cover off and have a look.

73's

Trevor
EI2GLB

--- On Sun, 8/16/09, Jim Cox <jcox123@...> wrote:

From: Jim Cox <jcox123@...>
Subject: Re: [acom-list] Acom 1000 power on fault
To: acom-list@yahoogroups.com
Date: Sunday, August 16, 2009, 3:57 PM

As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF

----- Original Message -----

From: trevor dunne

To: acom-list@yahoogrou ps.com

Sent: Sunday, August 16, 2009 6:44 AM

Subject: [acom-list] Acom 1000 power on fault

Hi All

on power on my Acom 1000 is giving a PN07 Fault on the screen.

anyone have any idea what it could be.

thanks

Trevor

[Non-text portions of this message have been removed]

E-mail message checked by Spyware Doctor (6.0.1.441)

Database version: 6.13050

http://www.pctools. com/spyware- doctor-antivirus /

E-mail message checked by Spyware Doctor (6.0.1.441)

Database version: 6.13050

http://www.pctools. com/en/spyware- doctor-antivirus /

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3233. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 15:06:52 UTC
From: LA8AW
Topic: 3128 Message: 3233

Well, your mail was sent to this list - 27 days after the last mail from
Kees. (easy to check the archives !....)
It's rather difficult to understand the logic with your answer......27 days
after....

de LA8AW - Odd-Egil

On Sun, Aug 16, 2009 at 10:00, Hans Remeeus <hans@...> wrote:

>
>
>
> Hello OM,
>
> This was my answer on all those SPAM messages from Kees. I had hoped
> that you did understand this.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
> LA8AW schreef:
> >
> >
> > The discussion continues....but check out this message no 2784 from
> August
> > last year....
> > (throwing stones when sitting in a glass house....?)
> >
>
>
>

[Non-text portions of this message have been removed]

3234. Re: [acom-list] NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 15:13:03 UTC
From: Hans Remeeus
Topic: 3128 Message: 3234

Enjoy your Acom linear and the nice summer weather! That's much better,
dear Odd-Egil.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

LA8AW schreef:
>
>
> Well, your mail was sent to this list - 27 days after the last mail from
> Kees. (easy to check the archives !....)
> It's rather difficult to understand the logic with your answer......27 days
> after....
>
> de LA8AW - Odd-Egil
>

3235. Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 16:20:11 UTC
From: Andrey Stoev
Topic: 3128 Message: 3235

I would disagree with this:

"They are advertisements only, not added value to this group."

They ARE added value! This group as the others is a *resource* and "information" is the focus of it! If my tube fails and I want to bring the amplifier quickly back online I will be facing several choices - between buying stuff from eBay and waiting for months to get it, calling ACOM dealer and waiting weeks for the amplifier to come back (hopefuly surviving the shipping) from a repair with a "new" (read NOS) $400+ tube or just buying a tube from somebody in the group (who is selling the tubes here for a long time) I would probably go with the later.
So I see the added value of knowing that I have a tube available an email away.

And when we are talking "SPAM" as you can see from the example with Hans - it is just a matter of perception. Furthermore, this group is not uber-active and such "spam" from Kees is not getting in the way of more interesting postings - for the whole month of July we had 3 (count: one-two-three) messages.

Anyway...lets put it to rest

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Callum MØMCX <callum@...> wrote:
>
> Hans I agree.
>
>
>
> They are advertisements only, not added value to this group. He should be
> more open about his business. Here's another example from May this year. I
> am fed up with him. He's an aggressive little sh1t too.
>
>
>
> Start:
>
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>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Kees - pa7two
> Sent: 04 May 2009 17:46
> To: ACOM Reflector site

> Subject: [acom-list] NOS GU74B 02-2007 available FS
>
>
>
>
>
> Hi all,
>
>
>
> Now available in limited quantities: Svetlana GU74B tubes, manufactured in
> 02-2007 (No, it is not a typo, production year 2007!!)
>
>
>
> Photos, pricing etc available on request via e-mail.
>
>
>
> In case you need my e-mail address, use www.qrz.com for the lookup <
> pa7two > (or just use at hotmail dot com)
>
>
>
>
>
> Vy 73, de Kees.
>
>
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
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>
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
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>
>
> Callum McCormick
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> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>

> http://www.facebook.com/m0mcx
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

3236. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 19:38:05 UTC
From: Callum MØMCX
Topic: 3128 Message: 3236

Andrey,

If the advertiser posted without riddles, I might have a different idea but the way this poster does it, is clouding what is a post and what is an advertisement.

You have to remember, this guy causes a storm every time he does this. He must be doing something wrong else we□d all be happy with his style.

By the way, I love the moderator style here. Arguments are actually allowed. Amazing (and refreshing!).

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Andrey Stoev
Sent: 16 August 2009 17:20
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: NOS GU74B 02-2007 available FS

I would disagree with this:

"They are advertisements only, not added value to this group."

They ARE added value! This group as the others is a *resource* and "information" is the focus of it! If my tube fails and I want to bring the amplifier quickly back online I will be facing several choices - between buying stuff from eBay and waiting for months to get it, calling ACOM dealer and waiting weeks for the amplifier to come back (hopefuly surviving the shipping) from a repair with a "new" (read NOS) $400+ tube or just buying a tube from somebody in the group (who is selling the tubes here for a long time) I would probably go with the later.
So I see the added value of knowing that I have a tube available an email away.

And when we are talking "SPAM" as you can see from the example with Hans - it is just a matter of perception. Furthermore, this group is not uber-active and such "spam" from Kees is not getting in the way of more interesting postings - for the whole month of July we had 3 (count: one-two-three) messages.

Anyway...lets put it to rest

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> ,
Callum MØMCX <callum@...> wrote:
>
> Hans I agree.
>
>
>
> They are advertisements only, not added value to this group. He should be
> more open about his business. Here's another example from May this year. I
> am fed up with him. He's an aggressive little sh1t too.
>
>
>
> Start:
>
>
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On
Behalf
> Of Kees - pa7two
> Sent: 04 May 2009 17:46
> To: ACOM Reflector site
> Subject: [acom-list] NOS GU74B 02-2007 available FS
>
>
>
>
>
> Hi all,
>
>
>
> Now available in limited quantities: Svetlana GU74B tubes, manufactured in
> 02-2007 (No, it is not a typo, production year 2007!!)
>
>
>
> Photos, pricing etc available on request via e-mail.
>
>
>
> In case you need my e-mail address, use www.qrz.com for the lookup <
> pa7two > (or just use at hotmail dot com)

>
>
>
>
>
> Vy 73, de Kees.
>
>
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
>
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>
>
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>
>
>
> Callum McCormick
>
> http://www.m0mcx.co.uk/
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> t: 07976 631881
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> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3237. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 20:09:05 UTC
From: Pete Connors
Topic: 3128 Message: 3237

Less old gits, perhaps?

Pete, F5VNB

3238. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 20:37:54 UTC
From: Joel Kornreich
Topic: 3128 Message: 3238

This person Kees does things the same way on the FT2000 reflector. He had been asked a few times to "cool it down a little.

Best thing is that we all know he has found some GU74B tubes and he knows we all have heard him again and again. He will go away.

Joel, K2QBV

To: acom-list@yahoogroups.com
From: callum@...
Date: Sun, 16 Aug 2009 20:38:05 +0100
Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Andrey,

If the advertiser posted without riddles, I might have a different idea but the way this poster does it, is clouding what is a post and what is an advertisement.

You have to remember, this guy causes a storm every time he does this. He must be doing something wrong else we?d all be happy with his style.

By the way, I love the moderator style here. Arguments are actually allowed. Amazing (and refreshing!).

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Andrey Stoev
Sent: 16 August 2009 17:20
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: NOS GU74B 02-2007 available FS

I would disagree with this:

"They are advertisements only, not added value to this group."

They ARE added value! This group as the others is a *resource* and "information" is the focus of it! If my tube fails and I want to bring the amplifier quickly back online I will be facing several choices - between buying stuff from eBay and waiting for months to get it, calling ACOM dealer

and waiting weeks for the amplifier to come back (hopefuly surviving the shipping) from a repair with a "new" (read NOS) $400+ tube or just buying a tube from somebody in the group (who is selling the tubes here for a long time) I would probably go with the later.
So I see the added value of knowing that I have a tube available an email away.

And when we are talking "SPAM" as you can see from the example with Hans - it is just a matter of perception. Furthermore, this group is not uber-active and such "spam" from Kees is not getting in the way of more interesting postings - for the whole month of July we had 3 (count: one-two-three) messages.

Anyway...lets put it to rest

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> , Callum M?MCX <callum@...> wrote:
>
> Hans I agree.
>
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> They are advertisements only, not added value to this group. He should be
> more open about his business. Here's another example from May this year. I
> am fed up with him. He's an aggressive little sh1t too.
>
>
>
> Start:
>
>
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On Behalf
> Of Kees - pa7two
> Sent: 04 May 2009 17:46
> To: ACOM Reflector site
> Subject: [acom-list] NOS GU74B 02-2007 available FS
>
>
>
>
>
> Hi all,

>
>
>
> Now available in limited quantities: Svetlana GU74B tubes, manufactured in
> 02-2007 (No, it is not a typo, production year 2007!!)
>
>
>
> Photos, pricing etc available on request via e-mail.
>
>
>
> In case you need my e-mail address, use www.qrz.com for the lookup <
> pa7two > (or just use at hotmail dot com)
>
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>
> Vy 73, de Kees.
>
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> Member of an all HAM family. ** CW IS! ** DX IS! **
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>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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>
> Callum McCormick
>
> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

With Windows Live, you can organize, edit, and share your photos.
http://www.windowslive.com/Desktop/PhotoGallery

[Non-text portions of this message have been removed]

3239. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 22:56:51 UTC
From: Kees - pa7two
Topic: 3128 Message: 3239

If you gents read back my original message, and I hereby I say it again for the persons who did not read to all to carefully. I only wanted to inform the Acom reflector about the fact that these 2007 tubes are now available by Russian sources.

So, yes sure, if one asks me to order a few, I have no problem with that. I have done this for some HAMs who were in the need for a spare tube. But again, that was not the point I tried to make.

The FT2000 reflector. There are users who think the radio is "all that" while other users know it is vise-versa. If one states that the radio is 100% OK, I cannot resist to reply to the message and tell him or her my findings. There are various users of the FT2000, and all with different opinions. The fact that I reply to those idiotic messages is not always appreciated. Ohh well, one can live with that I suppose, and if not it is their problem.

I've received various e-mail stating the opposite of Hans's replies, users on this reflector want to be informed about availability of tubes, and so when I find some new facts I post them here. Like I did from day one.

For M?MCX, tell me what you would like to know about my 'business', and I am most willing to tell you what you want to know. I think you will be surprised about my answers.

So, to conclude, I leave the reflector? Noway, I do not see any reason for that. If you do not like my messages, delete them. It IS that simple.

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

> To: acom-list@yahoogroups.com
> From: k2qbv@...
> Date: Sun, 16 Aug 2009 16:37:54 -0400
> Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS
>
>
> This person Kees does things the same way on the FT2000 reflector. He had been asked a few times to "cool it down a little.
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> Best thing is that we all know he has found some GU74B tubes and he knows we all have heard him again and again. He will go away.
>
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>
> Joel, K2QBV

>
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> To: acom-list@yahoogroups.com
> From: callum@...m
> Date: Sun, 16 Aug 2009 20:38:05 +0100
> Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS
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> must be doing something wrong else we?d all be happy with his style.
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> By the way, I love the moderator style here. Arguments are actually allowed.
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>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Andrey Stoev
> Sent: 16 August 2009 17:20
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: NOS GU74B 02-2007 available FS
>
> I would disagree with this:
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> "They are advertisements only, not added value to this group."
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> They ARE added value! This group as the others is a *resource* and
> "information" is the focus of it! If my tube fails and I want to bring the
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> buying stuff from eBay and waiting for months to get it, calling ACOM dealer
> and waiting weeks for the amplifier to come back (hopefuly surviving the

> shipping) from a repair with a "new" (read NOS) $400+ tube or just buying a
> tube from somebody in the group (who is selling the tubes here for a long
> time) I would probably go with the later.
> So I see the added value of knowing that I have a tube available an email
> away.
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> And when we are talking "SPAM" as you can see from the example with Hans -
> it is just a matter of perception. Furthermore, this group is not
> uber-active and such "spam" from Kees is not getting in the way of more
> interesting postings - for the whole month of July we had 3 (count:
> one-two-three) messages.
>
> Anyway...lets put it to rest
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> 73
> de Andrey, AE1Z
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> --- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> ,
> Callum M?MCX <callum@...> wrote:
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> > Hans I agree.
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> > They are advertisements only, not added value to this group. He should be
> > more open about his business. Here's another example from May this year. I
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> > >
> > >
> > Start:
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> > >
> > >
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> > >
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> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On
> Behalf
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> Yahoo! Groups Links
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Windows Live: Keep your friends up to date with what you do online.
http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_online:082009

[Non-text portions of this message have been removed]

3240. re[2]: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 23:22:00 UTC
From: Jim Idelson
Topic: 3128 Message: 3240

I have no problem with Kees' information and his offer on the reflector. I appreciate hearing lots of related information and welcome a diverse range of opinions and comments - even if I don't agree. As long as they are related to the primary topic and do not include insults, please keep them coming.

Jim K1IR

>

If you gents read back my original message, and I hereby I say it again for the persons who did not read to all to carefully. I only wanted to inform the Acom reflector about the fact that these 2007 tubes are now available by Russian sources.

So, yes sure, if one asks me to order a few, I have no problem with that. I have done this for some HAMs who were in the need for a spare tube. But again, that was not the point I tried to make.

The FT2000 reflector. There are users who think the radio is "all that" while other users know it is vise-versa. If one states that the radio is 100% OK, I cannot resist to reply to the message and tell him or her my findings. There are various users of the FT2000, and all with different opinions. The fact that I reply to those idiotic messages is not always appreciated. Ohh well, one can live with that I suppose, and if not it is their problem.

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So, to conclude, I leave the reflector? Noway, I do not see any reason for that. If you do not like my messages, delete them. It IS that simple.

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

> To: acom-list@yahoogroups.com
> From: k2qbv@...
> Date: Sun, 16 Aug 2009 16:37:54 -0400
> Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS
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been asked a few times to "cool it down a little.
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> Best thing is that we all know he has found some GU74B tubes and he knows we
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> To: acom-list@yahoogroups.com
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> advertisement.
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> You have to remember, this guy causes a storm every time he does this. He
> must be doing something wrong else we?d all be happy with his style.
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> By the way, I love the moderator style here. Arguments are actually allowed.
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> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of Andrey Stoev
> Sent: 16 August 2009 17:20
> To: acom-list@yahoogroups.com

> Subject: [acom-list] Re: NOS GU74B 02-2007 available FS
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> I would disagree with this:
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> "They are advertisements only, not added value to this group."
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> Yahoo! Groups Links
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http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL
:en-US:SI_SB_online:082009

[Non-text portions of this message have been removed]

Yahoo! Groups Links

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Jim Idelson K1IR
email k1ir at designet.com
web http://www.k1ir.com

3241. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-16 23:28:54 UTC
From: Jim Cox
Topic: 3128 Message: 3241

I am one of the ones here that appreciate your comments on the availability of the tubes. As others have said, if it is Acom related and not personal attacks, keep the information flowing.. Jim K4JAF

----- Original Message -----
From: "Kees - pa7two" <pa7two@...>
To: "ACOM Reflector site" <acom-list@yahoogroups.com>
Sent: Sunday, August 16, 2009 5:56 PM
Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS

If you gents read back my original message, and I hereby I say it again for the persons who did not read to all to carefully. I only wanted to inform the Acom reflector about the fact that these 2007 tubes are now available by Russian sources.

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Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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> From: k2qbv@...
> Date: Sun, 16 Aug 2009 16:37:54 -0400
> Subject: RE: [acom-list] Re: NOS GU74B 02-2007 available FS

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13050
http://www.pctools.com/en/spyware-doctor-antivirus/

E-mail message checked by Spyware Doctor (6.0.1.441)
Database version: 6.13050
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3242. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 06:14:02 UTC
From: Hans Remeeus
Topic: 3128 Message: 3242

Kees,

I too received mails from several persons who fully agree with me. They get tired of your messages trying to sell us your tubes.

Being persisting sometimes may be okay, but intrusive is not!

If you want to join a photo from the 2007 GU74b you can *upload* this photo in the Yahoo-group. There is no need to send you a message and let you know our e-mail adresses. SPAMmers are always trying to get our e-mail address, to inform us about availability...

IMHO you are asking a hughe amount of money for a 2007 GU74b. I see on the internet that you suddenly have lowered your price from 235 to 175 euro. What a coincidence, Kees!

As I already told the group: in Friedrichshafen I spoke with several persons who are willing to sell GU74b for half the price you are asking. You can negociate with every person who is doing business.

BTW; is a GU74b from 2007 better then tubes from 1989, 1993, or whatever year of production? It is not! I use my Acom 2000A for about seven years now. Almost daily, sometimes 24 hours during contests or special events. My tubes still have a gain of more then 15 dB! They probably hold for many many years. 2007 tubes do not give more gain, they do not hold longer en they don't have to be more expensive then older tubes.

I paid 90 euro for an unmatched pair GU74b (new in the unopened and original box, not a plastic bag), 120 euro for a formattted and matched pair GU74b. And 110 euro for a matched pair original shining new Svetlana 4CX800A tubes.

I doubt very much your honesty, Kees.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
>
> If you gents read back my original message, and I hereby I say it again for the persons who did not read to all to carefully. I only wanted to inform the Acom reflector about the fact that these 2007 tubes are now available by Russian sources.
>
> So, yes sure, if one asks me to order a few, I have no problem with that. I have done

this for some HAMs who were in the need for a spare tube. But again, that was not the point I tried to make.
>
> The FT2000 reflector. There are users who think the radio is "all that" while other users know it is vise-versa. If one states that the radio is 100% OK, I cannot resist to reply to the message and tell him or her my findings. There are various users of the FT2000, and all with different opinions. The fact that I reply to those idiotic messages is not always appreciated. Ohh well, one can live with that I suppose, and if not it is their problem.
>
> I've received various e-mail stating the opposite of Hans's replies, users on this reflector want to be informed about availability of tubes, and so when I find some new facts I post them here. Like I did from day one.
>
> For M?MCX, tell me what you would like to know about my 'business', and I am most willing to tell you what you want to know. I think you will be surprised about my answers.
>
> So, to conclude, I leave the reflector? Noway, I do not see any reason for that. If you do not like my messages, delete them. It IS that simple.
>
>
> Vy 73, de Kees.
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
>

3243. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 07:34:20 UTC
From: Kees - pa7two
Topic: 3128 Message: 3243

Dear OM Hans,

Most of the Acom amps I've seen for repairs, have year 1986 - 2001 GU74B tubes fitted.

With regards your statements: you have the right to think whatever you want related to the pricing. Absolutely no problems with that. But to write that I should be expelled from the reflector is absurd.

Now that you are hinting on me asking sky high prices, some hard facts:

On very recent request of some of the Acom reflectors users I have ordered a very small batch of the 2007 year GU74B tubes. The selling price is indeed 175 Euro a tube for a 2007 year production, ex shipping & handling. When I search for a production 2007 year tube on eBay, I think the price is very competitive.

Production year 2000-2003 GU74B tubes go for as low as 80-110 Euro these days, ex shipping & handling. See my eBay auction for the proof of this. See: eBay auction# 320413034639. Also here, I am again the (or one of the) cheapest with GU74B on eBay. Take also a look at my eBay sales history and the related pricing OM Hans before making these judgments again.

One note to add here: There is no difference between a boxed or sealed GU74B. A sealed GU74B comes initially from a carton box. If one wants a 'boxed' GU74B, also no problem for me. I normally remove these carton packaging because I use a special type shipping boxes with special foam inlays to protect the tubes during shipments. 'Box in Box' so to say.

Hans, if you do not like my (or any of the) messages, just delete them. Or read only the messages you want to read on the reflector itself. If I am sending a message to the reflector, it is up to you if you want to receive these or not! It IS that simple.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Mon, 17 Aug 2009 08:14:02 +0200
Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Kees,

I too received mails from several persons who fully agree with me. They
get tired of your messages trying to sell us your tubes.

Being persisting sometimes may be okay, but intrusive is not!

If you want to join a photo from the 2007 GU74b you can *upload* this
photo in the Yahoo-group. There is no need to send you a message and let
you know our e-mail adresses. SPAMmers are always trying to get our
e-mail address, to inform us about availability...

IMHO you are asking a hughe amount of money for a 2007 GU74b. I see on the internet that you suddenly have lowered your price from 235 to 175 euro. What a coincidence, Kees!

As I already told the group: in Friedrichshafen I spoke with several persons who are willing to sell GU74b for half the price you are asking. You can negociate with every person who is doing business.

BTW; is a GU74b from 2007 better then tubes from 1989, 1993, or whatever year of production? It is not! I use my Acom 2000A for about seven years now. Almost daily, sometimes 24 hours during contests or special events. My tubes still have a gain of more then 15 dB! They probably hold for many many years. 2007 tubes do not give more gain, they do not hold longer en they don't have to be more expensive then older tubes.

I paid 90 euro for an unmatched pair GU74b (new in the unopened and original box, not a plastic bag), 120 euro for a formattted and matched pair GU74b. And 110 euro for a matched pair original shining new Svetlana 4CX800A tubes.

I doubt very much your honesty, Kees.

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Kees - pa7two schreef:
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> So, yes sure, if one asks me to order a few, I have no problem with that. I have done this for some HAMs who were in the need for a spare tube. But again, that was not the point I tried to make.
>
> The FT2000 reflector. There are users who think the radio is "all that" while other users know it is vise-versa. If one states that the radio is 100% OK, I cannot resist to reply to the message and tell him or her my findings. There are various users of the FT2000, and all with different opinions. The fact that I reply to those idiotic messages is not always appreciated. Ohh well, one can live with that I suppose, and if not it is their problem.
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> I've received various e-mail stating the opposite of Hans's replies, users on this reflector want to be informed about availability of tubes, and so when I find some new facts I post them here. Like I did from day one.
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> For MØMCX, tell me what you would like to know about my 'business', and I am most willing to tell you what you want to know. I think you will be surprised about my answers.
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> Vy 73, de Kees.
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> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_online:082009

[Non-text portions of this message have been removed]

3244. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 08:41:27 UTC
From: Hans Remeeus
Topic: 3128 Message: 3244

Kees,

Thanks for the information, but it does not convince me about your honesty.

I did not write that *you* should be expelled from the reflector. I just don't like the way you are trying to sell your tubes. I find it intrusive, like all the other SPAM message I daily get. This is my opinion and we are living in a free country where we are able to give our opinion, without need in getting insulting.

Again; it is better to use eBay or all the other internet selling sites for your *commercial activities*. Not here, not in any Yahoo group.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
>
>
> Dear OM Hans,
>

3245. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 09:53:00 UTC
From: Kees - pa7two
Topic: 3128 Message: 3245

Dear OM Hans,

Fortunately for me the feedback on the various selling sites and this reflector do speak a totally different 'tone', even Acom did (un-asked). One can make a judgment for its own on this specific topic I suppose. On all sites a 100% positive feedback says more than enough about my 'honesty'. (BTW -> talking about insulting...)

Reading your reply where you again did not came up with any facts :I still think you still do not get the picture. Again I have to repeat: I was informing the reflector about the fact that year 2007 GU74B tubes are made available by various Russian tube sources. Nothing more, nothing less. Many found the information I provided useful, period. And yes indeed, 'reading is an art' so we say in Holland.

My suggestion for all who do not want to read certain type of messages in general, if you un-subscribe from the daily reflector e-mail service and you read only the messages you want to read on the web page, the 'problem' is resolved. Yes, it IS that simple.

Now back to the DX I suppose!

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Mon, 17 Aug 2009 10:41:27 +0200
Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Kees,

Thanks for the information, but it does not convince me about your honesty.

I did not write that *you* should be expelled from the reflector. I just

don't like the way you are trying to sell your tubes. I find it

intrusive, like all the other SPAM message I daily get. This is my

opinion and we are living in a free country where we are able to give

our opinion, without need in getting insulting.

Again; it is better to use eBay or all the other internet selling sites

for your *commercial activities*. Not here, not in any Yahoo group.

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Kees - pa7two schreef:

>

>

>

> Dear OM Hans,

>

_____
Windows Live: Make it easier for your friends to see what you?re up to on Facebook.
http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_facebook:082009

[Non-text portions of this message have been removed]

3246. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:03:11 UTC
From: Hans Remeeus
Topic: 3128 Message: 3246

Kees,

Feedbacks on different sites have almost no meaning. When the buyer gives a negative feedback, the seller does the same, so the buyer does not give a negative feedback. When the buyer does not give a feedback, the seller does not too. Etcetera.

BTW; is your company notified at the Chamber of Commerce (KvK) with VAT (BTW) number?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
> Dear OM Hans,
>
> Fortunately for me the feedback on the various selling sites and this reflector do speak a totally different 'tone', even Acom did (un-asked). One can make a judgment for its own on this specific topic I suppose. On all sites a 100% positive feedback says more than enough about my 'honesty'. (BTW -> talking about insulting...)
>

3247. RE: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:18:46 UTC
From: Kees - pa7two
Topic: 3128 Message: 3247

Dear OM Hans,

So, even when Acom says so it has no meaning? Come on... You made a huge mistake in a judgment which you've ventilated here , so it will be of good practice if you rectified that here on the reflector.

With regards your question: I' have stated many times before that I help out others with finding a spare tube for their amps. Non commercial and private only. But of course you knew this fact already, just like your own private sales on the various sites and homepage.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Mon, 17 Aug 2009 12:03:11 +0200
Subject: Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Kees,

Feedbacks on different sites have almost no meaning. When the buyer

gives a negative feedback, the seller does the same, so the buyer does

not give a negative feedback. When the buyer does not give a feedback,

the seller does not too. Etcetera.

BTW; is your company notified at the Chamber of Commerce (KvK) with VAT

(BTW) number?

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Hans Remeeus (PA1HR)

http://www.remeeus.eu

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Kees - pa7two schreef:

> Dear OM Hans,

>

> Fortunately for me the feedback on the various selling sites and this reflector do speak a totally different 'tone', even Acom did (un-asked). One can make a judgment for its own on this specific topic I suppose. On all sites a 100% positive feedback says more than enough about my 'honesty'. (BTW -> talking about insulting...)

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http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_facebook:082009

[Non-text portions of this message have been removed]

3248. Re: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:29:23 UTC
From: trevor dunne
Topic: 3128 Message: 3248

I checked the Fuses and the are all good what else could it be.

Thanks
Trevor
EI2GLB

--- On Sun, 8/16/09, trevor dunne <trevor_dunne@...> wrote:

From: trevor dunne <trevor_dunne@...>
Subject: Re: [acom-list] Acom 1000 power on fault
To: acom-list@yahoogroups.com
Date: Sunday, August 16, 2009, 4:41 PM

Thanks for the replys I will take the cover off and have a look.

73's

Trevor

EI2GLB

--- On Sun, 8/16/09, Jim Cox <jcox123@bellsouth. net> wrote:

From: Jim Cox <jcox123@bellsouth. net>

Subject: Re: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogrou ps.com

Date: Sunday, August 16, 2009, 3:57 PM

As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF

----- Original Message -----

From: trevor dunne

To: acom-list@yahoogrou ps.com

Sent: Sunday, August 16, 2009 6:44 AM

Subject: [acom-list] Acom 1000 power on fault

Hi All

on power on my Acom 1000 is giving a PN07 Fault on the screen.

anyone have any idea what it could be.

thanks

Trevor

[Non-text portions of this message have been removed]

E-mail message checked by Spyware Doctor (6.0.1.441)

Database version: 6.13050

http://www.pctools. com/spyware- doctor-antivirus /

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Database version: 6.13050

http://www.pctools. com/en/spyware- doctor-antivirus /

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

3249. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:31:30 UTC
From: Hans Remeeus
Topic: 3128 Message: 3249

Kees,

I do hope (for you) that the Dutch Tax Administration equals your
opinion; I doubt this very much...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
>
>
> With regards your question: I' have stated many times before that I help out others with finding a spare tube for their amps. Non commercial and private only. But of course you knew this fact already, just like your own private sales on the various sites and homepage.
>
> Vy 73, de Kees.
>
>

3250. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:42:55 UTC
From: Kees - pa7two
Topic: 3128 Message: 3250

Hi Trevor,

Thinking out loud here, could it be that the HV metering is earlier in the checking process than the 'short' metering? Meaning, a short in the tube perhaps?

Otherwise ask Stan at Acom Bulgaria for help via e-mail?

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: trevor_dunne@...
Date: Mon, 17 Aug 2009 03:29:23 -0700
Subject: Re: [acom-list] Acom 1000 power on fault

I checked the Fuses and the are all good what else could it be.

Thanks

Trevor

EI2GLB

--- On Sun, 8/16/09, trevor dunne <trevor_dunne@...> wrote:

From: trevor dunne <trevor_dunne@...>

Subject: Re: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogroups.com

Date: Sunday, August 16, 2009, 4:41 PM

Thanks for the replys I will take the cover off and have a look.

73's

Trevor

EI2GLB

--- On Sun, 8/16/09, Jim Cox <jcox123@bellsouth. net> wrote:

From: Jim Cox <jcox123@bellsouth. net>

Subject: Re: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogrou ps.com

Date: Sunday, August 16, 2009, 3:57 PM

As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF

----- Original Message -----

From: trevor dunne

To: acom-list@yahoogrou ps.com

Sent: Sunday, August 16, 2009 6:44 AM

Subject: [acom-list] Acom 1000 power on fault

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anyone have any idea what it could be.

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Trevor

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http://www.pctools. com/spyware- doctor-antivirus /

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[Non-text portions of this message have been removed]

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_____
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http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_online:082009

[Non-text portions of this message have been removed]

3251. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 10:55:39 UTC
From: trevor dunne
Topic: 3128 Message: 3251

Thanks for the Reply have you a email address for Stan i have sent 2 emails to the one listed on there site with no responce.

Thanks
Trevor
EI2GLB

--- On Mon, 8/17/09, Kees - pa7two <pa7two@...> wrote:

From: Kees - pa7two <pa7two@...>
Subject: RE: [acom-list] Acom 1000 power on fault
To: "ACOM Reflector site" <acom-list@yahoogroups.com>
Date: Monday, August 17, 2009, 1:42 PM

Hi Trevor,

Thinking out loud here, could it be that the HV metering is earlier in the checking process than the 'short' metering? Meaning, a short in the tube perhaps?

Otherwise ask Stan at Acom Bulgaria for help via e-mail?

Vy 73, de Kees.

To: acom-list@yahoogrou ps.com

From: trevor_dunne@ yahoo.com

Date: Mon, 17 Aug 2009 03:29:23 -0700

Subject: Re: [acom-list] Acom 1000 power on fault

I checked the Fuses and the are all good what else could it be.

Thanks

Trevor

EI2GLB

--- On Sun, 8/16/09, trevor dunne <trevor_dunne@ yahoo.com> wrote:

From: trevor dunne <trevor_dunne@ yahoo.com>

Subject: Re: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogrou ps.com

Date: Sunday, August 16, 2009, 4:41 PM

Thanks for the replys I will take the cover off and have a look.

73's

Trevor

EI2GLB

--- On Sun, 8/16/09, Jim Cox <jcox123@bellsouth. net> wrote:

From: Jim Cox <jcox123@bellsouth. net>

Subject: Re: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogrou ps.com

Date: Sunday, August 16, 2009, 3:57 PM

As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF

----- Original Message -----

From: trevor dunne

To: acom-list@yahoogrou ps.com

Sent: Sunday, August 16, 2009 6:44 AM

Subject: [acom-list] Acom 1000 power on fault

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3252. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 11:34:16 UTC
From: Kees - pa7two
Topic: 3128 Message: 3252

Hi Trevor,

Sure, here we go: acom@...

It could be that the holiday season is playing part here?

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: trevor_dunne@...
Date: Mon, 17 Aug 2009 03:55:39 -0700
Subject: RE: [acom-list] Acom 1000 power on fault

Thanks for the Reply have you a email address for Stan i have sent 2 emails to the one listed on there site with no responce.

Thanks

Trevor

EI2GLB

--- On Mon, 8/17/09, Kees - pa7two <pa7two@...> wrote:

From: Kees - pa7two <pa7two@...>

Subject: RE: [acom-list] Acom 1000 power on fault

To: "ACOM Reflector site" <acom-list@yahoogroups.com>

Date: Monday, August 17, 2009, 1:42 PM

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Subject: Re: [acom-list] Acom 1000 power on fault

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To: acom-list@yahoogrou ps.com

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Windows Live: Keep your friends up to date with what you do online.

http://windowslive. com/Campaign/ SocialNetworking ?ocid=PID23285: :T:WLMTAGL: ON:WL:en-US:SI_SB_ online:082009

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[Non-text portions of this message have been removed]

With Windows Live, you can organize, edit, and share your photos.
http://www.windowslive.com/Desktop/PhotoGallery

[Non-text portions of this message have been removed]

3253. Re: [acom-list] Re: NOS GU74B 02-2007 available FS

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 13:18:23 UTC
From: Frank J. Connelly
Topic: 3128 Message: 3253

Can you guys take this dribble private?

73,
Frank

On Aug 17, 2009, at 3:03 AM, Hans Remeeus wrote:

>
> Kees,
>
> Feedbacks on different sites have almost no meaning. When the buyer
> gives a negative feedback, the seller does the same, so the buyer does
> not give a negative feedback. When the buyer does not give a feedback,
> the seller does not too. Etcetera.
>
> BTW; is your company notified at the Chamber of Commerce (KvK) with
> VAT
> (BTW) number?
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
> Kees - pa7two schreef:
> > Dear OM Hans,
> >
> > Fortunately for me the feedback on the various selling sites and
> this reflector do speak a totally different 'tone', even Acom did
> (un-asked). One can make a judgment for its own on this specific
> topic I suppose. On all sites a 100% positive feedback says more
> than enough about my 'honesty'. (BTW -> talking about insulting...)
> >
>
>

[Non-text portions of this message have been removed]

3254. Re: Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 13:34:09 UTC
From: Uffe Lindhardt
Topic: 3128 Message: 3254

It would be nice to get ACOMs advice on what is actually being tested. Assuming it is the plate voltage, it might be an idea to change the tap on the HV transformer. Maybe the unloaded plate voltage comes out too high or too low due to a change in your mains voltage.

I do not think this is likely to solve the problem, but worth a try....

733 Uffe OZ1DOQ (PA5DD)

--- In acom-list@yahoogroups.com, trevor dunne <trevor_dunne@...> wrote:
>
> I checked the Fuses and the are all good what else could it be.
>
> Thanks
> Trevor
> EI2GLB
>
> --- On Sun, 8/16/09, trevor dunne <trevor_dunne@...> wrote:
>
> From: trevor dunne <trevor_dunne@...>
> Subject: Re: [acom-list] Acom 1000 power on fault
> To: acom-list@yahoogroups.com
> Date: Sunday, August 16, 2009, 4:41 PM
>
>
>
>
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>
>
> Thanks for the replys I will take the cover off and have a look.
>
>
>
> 73's
>
>
>
> Trevor
>
> EI2GLB
>

>
>
> --- On Sun, 8/16/09, Jim Cox <jcox123@bellsouth. net> wrote:
>
>
>
> From: Jim Cox <jcox123@bellsouth. net>
>
> Subject: Re: [acom-list] Acom 1000 power on fault
>
> To: acom-list@yahoogrou ps.com
>
> Date: Sunday, August 16, 2009, 3:57 PM
>
>
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>
> As stated in the manual, PN07 has to do with HV at power on. I had this error message several weeks ago after a very close in lightning strike which generated a large spike on the power line coming into the house.... I found one of the 2 (I believe they were 2 amp) fuses in the step start circuitry has opened... Replacing this fuse cured my problem. Jim K4JAF
>
>
>
> ----- Original Message -----
>
>
>
> From: trevor dunne
>
>
>
> To: acom-list@yahoogrou ps.com
>
>
>
> Sent: Sunday, August 16, 2009 6:44 AM
>
>
>
> Subject: [acom-list] Acom 1000 power on fault
>
>
>
> Hi All
>

>
>
> on power on my Acom 1000 is giving a PN07 Fault on the screen.
>
>
>
> anyone have any idea what it could be.
>
>
>
> thanks
>
>
>
> Trevor
>
>
>
> [Non-text portions of this message have been removed]
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>
>
> E-mail message checked by Spyware Doctor (6.0.1.441)
>
>
>
> Database version: 6.13050
>
>
>
> http://www.pctools. com/spyware- doctor-antivirus /
>
>
>
> E-mail message checked by Spyware Doctor (6.0.1.441)
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> Database version: 6.13050
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>
> http://www.pctools. com/en/spyware- doctor-antivirus /
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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3255. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 13:39:47 UTC
From: Paul M Dunphy
Topic: 3128 Message: 3255

At 07:55 AM 8/17/2009, you wrote:
>Thanks for the Reply have you a email address for Stan i have sent 2
>emails to the one listed on there site with no responce.
>
>Thanks
>Trevor
>EI2GLB

Hi Trevor,

I guess these is an obvious question, but is this consistent (throughout the day and from day to day?) The reason I ask is if it is just now and then it might suggest fluctuations in the mains. I've never seen this error, but having an ACOM 1000, I would be interested in the solution when you find it. It's something we all might encounter down the road.

Good luck resolving this and please share the results of your debugging with the group.

73, Paul VE1DX

3256. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 15:51:25 UTC
From: trevor dunne
Topic: 3128 Message: 3256

Hi I contacted Ron in Vine antennas and i have traced the fault to a blown HV Cap on the Crowbar.

Reason for no answer from Acom is the Take month of Augest as holidays.

so hopefully i will replace cap and my acom will be alive again.

I have to be honest I was very nervous to open amp as 3000v is not my cup of tea.

I will update the group when i get the cap.

Thanks
Trevor
EI2GLB

--- On Mon, 8/17/09, Paul M Dunphy <amplifier@...> wrote:

From: Paul M Dunphy <amplifier@...>
Subject: RE: [acom-list] Acom 1000 power on fault
To: acom-list@yahoogroups.com
Date: Monday, August 17, 2009, 4:39 PM

At 07:55 AM 8/17/2009, you wrote:

>Thanks for the Reply have you a email address for Stan i have sent 2

>emails to the one listed on there site with no responce.

>

>Thanks

>Trevor

>EI2GLB

Hi Trevor,

I guess these is an obvious question, but is this consistent

(throughout the day and from day to day?) The reason I ask is if it

is just now and then it might suggest fluctuations in the

mains. I've never seen this error, but having an ACOM 1000, I would

be interested in the solution when you find it. It's something we

all might encounter down the road.

Good luck resolving this and please share the results of your

debugging with the group.

73, Paul VE1DX

[Non-text portions of this message have been removed]

3257. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 15:55:00 UTC
From: Kees - pa7two
Topic: 3128 Message: 3257

Hi Trevor,

OK. Please keep us in the loop about the repair. Perhaps you can upload a photo of the blown cap, fitted in its original position?

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: trevor_dunne@...
Date: Mon, 17 Aug 2009 08:51:25 -0700
Subject: RE: [acom-list] Acom 1000 power on fault

Hi I contacted Ron in Vine antennas and i have traced the fault to a blown HV Cap on the Crowbar.

Reason for no answer from Acom is the Take month of Augest as holidays.

so hopefully i will replace cap and my acom will be alive again.

I have to be honest I was very nervous to open amp as 3000v is not my cup of tea.

I will update the group when i get the cap.

Thanks

Trevor

EI2GLB

--- On Mon, 8/17/09, Paul M Dunphy <amplifier@...> wrote:

From: Paul M Dunphy <amplifier@...>

Subject: RE: [acom-list] Acom 1000 power on fault

To: acom-list@yahoogroups.com

Date: Monday, August 17, 2009, 4:39 PM

At 07:55 AM 8/17/2009, you wrote:

>Thanks for the Reply have you a email address for Stan i have sent 2

>emails to the one listed on there site with no responce.

>

>Thanks

>Trevor

>EI2GLB

Hi Trevor,

I guess these is an obvious question, but is this consistent

(throughout the day and from day to day?) The reason I ask is if it

is just now and then it might suggest fluctuations in the

mains. I've never seen this error, but having an ACOM 1000, I would

be interested in the solution when you find it. It's something we

all might encounter down the road.

Good luck resolving this and please share the results of your

debugging with the group.

73, Paul VE1DX

[Non-text portions of this message have been removed]

_____
Windows Live: Make it easier for your friends to see what you?re up to on Facebook.
http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_facebook:082009

[Non-text portions of this message have been removed]

3258. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 16:03:23 UTC
From: Paul M Dunphy
Topic: 3128 Message: 3258

At 12:51 PM 8/17/2009, you wrote:
>Hi I contacted Ron in Vine antennas and i have traced the fault to a
>blown HV Cap on the Crowbar.
>
>Reason for no answer from Acom is the Take month of Augest as holidays.
>
>so hopefully i will replace cap and my acom will be alive again.
>
>I have to be honest I was very nervous to open amp as 3000v is not
>my cup of tea.
>
>I will update the group when i get the cap.
>
>Thanks
>Trevor
>EI2GLB

Hi Trevor,

Here is a link with photos of mine being opened up to
test/condition a NOS tube. I'm not happy opening it either, but if
you are careful and make sure you follow the generally accepted
safety procedures, you will be OK. I emphasize them ion this web page:

http://www.ve1dx.net/acomtube/

73, Paul VE1DX

3259. Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 19:35:22 UTC
From: n2len
Topic: 3259 Message: 3259

I am ready to sell my ACOM 2000A with extra sets of tubes...
Would anyone care to enlighten me on a fair used market price for this package?

Acom 2000A in spectacular condition/ Full output + and
(3) sets of NOS MATCHED SET Pairs of 4CX800a7's.

Thank you kindly....

3260. Re: [acom-list] Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 21:17:58 UTC
From: Barry N1EU
Topic: 3259 Message: 3260

You'd probably be better off setting a price for the amp and a price
for each set of extra tubes - a lot of potential 2000A buyers aren't
necessarily going to want 3 extra sets of finals.

What is a new 2000A going for these days?

73,
Barry N1EU

On Mon, Aug 17, 2009 at 7:35 PM, n2len<N2Len@...> wrote:
>
>
> I am ready to sell my ACOM 2000A with extra sets of tubes...
> Would anyone care to enlighten me on a fair used market price for this
> package?
>
> Acom 2000A in spectacular condition/ Full output + and
> (3) sets of NOS MATCHED SET Pairs of 4CX800a7's.
>
> Thank you kindly....
>
>

3261. Re: Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 21:48:23 UTC
From: n2len
Topic: 3259 Message: 3261

Thanks for your reply Barry...
I believe that the new retail price is $6900 shipped to you door.
I would like to at least offer the tubes with the amplifier first, then if no sale, split them up after the amplifier sold.

--- In acom-list@yahoogroups.com, Barry N1EU <barry.n1eu@...> wrote:
>
> You'd probably be better off setting a price for the amp and a price
> for each set of extra tubes - a lot of potential 2000A buyers aren't
> necessarily going to want 3 extra sets of finals.
>
> What is a new 2000A going for these days?
>
> 73,
> Barry N1EU
>
> On Mon, Aug 17, 2009 at 7:35 PM, n2len<N2Len@...> wrote:
> >
> >
> > I am ready to sell my ACOM 2000A with extra sets of tubes...
> > Would anyone care to enlighten me on a fair used market price for this
> > package?
> >
> > Acom 2000A in spectacular condition/ Full output + and
> > (3) sets of NOS MATCHED SET Pairs of 4CX800a7's.
> >
> > Thank you kindly....
> >
> >
>

3262. RE: [acom-list] Acom 1000 power on fault

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 22:39:03 UTC
From: trevor dunne
Topic: 3128 Message: 3262

Hi I have added 3 photos to the photo section of the Group

Thanks
Trevor

--- On Mon, 8/17/09, Paul M Dunphy <amplifier@...> wrote:

From: Paul M Dunphy <amplifier@...>
Subject: RE: [acom-list] Acom 1000 power on fault
To: acom-list@yahoogroups.com
Date: Monday, August 17, 2009, 7:03 PM

At 12:51 PM 8/17/2009, you wrote:

>Hi I contacted Ron in Vine antennas and i have traced the fault to a

>blown HV Cap on the Crowbar.

>

>Reason for no answer from Acom is the Take month of Augest as holidays.

>

>so hopefully i will replace cap and my acom will be alive again.

>

>I have to be honest I was very nervous to open amp as 3000v is not

>my cup of tea.

>

>I will update the group when i get the cap.

>

>Thanks

>Trevor

>EI2GLB

Hi Trevor,

Here is a link with photos of mine being opened up to

test/condition a NOS tube. I'm not happy opening it either, but if

you are careful and make sure you follow the generally accepted

safety procedures, you will be OK. I emphasize them ion this web page:

http://www.ve1dx. net/acomtube/

73, Paul VE1DX

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

3263. Re: [acom-list] Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-17 23:10:00 UTC
From: Dennis Vernacchia
Topic: 3259 Message: 3263

*If you want to find the MARKET value of just about anything, just list it on EBAY...

Unfortunately with all the new rules and Nigerian type scammers out there, selling anything expensive on EBAY has become a real PIA.

And on EBAY..if you get 2 LUNATICS bidding against each other (and it happens a lot lot) - Gear can bring even more money than ACTUAL used equipment Value.....(Call it MACHO BIdding or SHARK FRENZY !)

I have bought several used ACOM 2000 and 1000 units over the past 8 years

When the ACOM 2000 sold for $5500 new, one could buy them used but still under warranty for $4000 to $4500 depending on hours on tubes age/condx and physical condition/age of amp and whether the 2000 had QUIET QSK or not. (Oh and if still under warranty)

The early (first couple of years the 2000 were made) the unit make a LOT of noise when keying in QSL mode, very important feature to many CW Ops. Of NO importance to guys that don't work CW or never use CW QSK mode. I would say that feature alone is worth $500 (ACOM silence the relay around Year 2002 I think, but someone correct me if I am wrong)

Since the NEW Price went to almost $7000, the $4000 to $4500 asking prices seemed to have moved up to $5000 to $5500. Well, first question I ask a seller, is which was the NEW price of his unit if I am going to make an offer...some people have lots of $$$ and don't care or don't do their homework Good to find those guys when you are selling a ACOM 2000

My suggestion since the economy of just about everywhere on the planet is in the tank is to list your unit on the reflector and asked for sealed bids by a certain date.

That way, everyone who wants to buy a 2000, and there are fair amount of hams whose 401K plan was decimated into a 101K plan and and still, for the moment, have a job...get a crack at it and you get the maximum amount that it will bear at that moment.....the buyer and seller leave the arena happy.... and you don't have to screw with EBAY

...or get a Seasoned Ham EBAY seller to put it on EBAY for you....

So there are some choices that can bring you maximum amount for your unit.

..and yes, good to give buyer first dibs on tubes...and I am sure you can take sealed bids
on those too if buyer doesn't want them all.

73, Dennis N6KI
San Diego*

P.S. - How much do you want for the amp ..... ;-)

On Mon, Aug 17, 2009 at 12:35 PM, n2len <N2Len@...> wrote:

>
>
> I am ready to sell my ACOM 2000A with extra sets of tubes...
> Would anyone care to enlighten me on a fair used market price for this
> package?
>
> Acom 2000A in spectacular condition/ Full output + and
> (3) sets of NOS MATCHED SET Pairs of 4CX800a7's.
>
> Thank you kindly....
>
>
>

[Non-text portions of this message have been removed]

3264. Re: [acom-list] Re: Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-18 11:19:39 UTC
From: Barry N1EU
Topic: 3259 Message: 3264

Len, it looks like you already listed this on qth.com for $6200. I
don't know how much you factored in the 3 extra sets of finals, but
$6200 is going to be a big pill for someone looking for a used 2000A
to swallow. I still think you're better off setting a price without
the extra finals and giving the amp purchaser the option to also buy
as many of the 3 sets as they want. After you sell the amp, the tubes
will be easy to sell since there's a high demand for them.

I agree with N6KI about the approx going price for the 2000A, but I
believe the QSK noise issue was fixed earlier on, perhaps toward the
end of the first year of production (2000?), by acoustically isolating
the vaccuum relay.

73,
Barry N1EU

On Mon, Aug 17, 2009 at 9:48 PM, n2len<N2Len@...> wrote:
>
>
> Thanks for your reply Barry...
> I believe that the new retail price is $6900 shipped to you door.
> I would like to at least offer the tubes with the amplifier first, then if
> no sale, split them up after the amplifier sold.
>
> --- In acom-list@yahoogroups.com, Barry N1EU <barry.n1eu@...> wrote:
>>
>> You'd probably be better off setting a price for the amp and a price
>> for each set of extra tubes - a lot of potential 2000A buyers aren't
>> necessarily going to want 3 extra sets of finals.
>>
>> What is a new 2000A going for these days?
>>
>> 73,
>> Barry N1EU
>>
>> On Mon, Aug 17, 2009 at 7:35 PM, n2len<N2Len@...> wrote:
>> >
>> >
>> > I am ready to sell my ACOM 2000A with extra sets of tubes...
>> > Would anyone care to enlighten me on a fair used market price for this
>> > package?
>> >
>> > Acom 2000A in spectacular condition/ Full output + and
>> > (3) sets of NOS MATCHED SET Pairs of 4CX800a7's.
>> >
>> > Thank you kindly....

>> >
>> >
>>
>
>

3265. RE: [acom-list] Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-18 18:48:21 UTC
From: Ray W2RM
Topic: 3259 Message: 3265

I bought mine 8 months ago for $ 5000.00 and it was in excellent condition, (I drove from southern New Jersey to Ohio to pick it up) but the tubes were a little weak and the amp had 6,000 hours on it. I took it to The Dayton Ham fest this year and gave it to Willem and he checked it out, realigned it and put 2 new tubes in it. The total bill with shipping came to

$ 557.00..... So take it from there.. The money part never came into my mind. I wanted one and I got one!!! Take in the fact that there are a lot of people out there who would love to own one and if someone wants it badly enough they will pay what you are asking. As my real estate instructor told me a long time ago "THERE IS A SEAT FOR EVERY ASS" Don't give it away !!!!

If I were you I would sell the tubes separately. Let me know how much you are willing to sell a set of the tubes for, as I know 3 other guys right here in my county that own one. good Luck!

Best regards

Ray W2RM

I am ready to sell my ACOM 2000A with extra sets of tubes...
Would anyone care to enlighten me on a fair used market price for this package?

Acom 2000A in spectacular condition/ Full output + and
(3) sets of NOS MATCHED SET Pairs of 4CX800a7's.

Thank you kindly....

[Non-text portions of this message have been removed]

3266. RE: [acom-list] Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-18 18:56:34 UTC
From: Ray W2RM
Topic: 3259 Message: 3266

Your quite welcomed

Best regards

Ray W2RM

I bought mine 8 months ago for $ 5000.00 and it was in excellent condition, (I drove from southern New Jersey to Ohio to pick it up) but the tubes were a little weak and the amp had 6,000 hours on it. I took it to The Dayton Ham fest this year and gave it to Willem and he checked it out, realigned it and put 2 new tubes in it. The total bill with shipping came to

$ 557.00..... So take it from there.. The money part never came into my mind. I wanted one and I got one!!! Take in the fact that there are a lot of people out there who would love to own one and if someone wants it badly enough they will pay what you are asking. As my real estate instructor told me a long time ago "THERE IS A SEAT FOR EVERY ASS" Don't give it away !!!!

If I were you I would sell the tubes separately. Let me know how much you are willing to sell a set of the tubes for, as I know 3 other guys right here in my county that own one. good Luck!

Best regards

Ray W2RM

I am ready to sell my ACOM 2000A with extra sets of tubes...
Would anyone care to enlighten me on a fair used market price for this package?

Acom 2000A in spectacular condition/ Full output + and
(3) sets of NOS MATCHED SET Pairs of 4CX800a7's.

Thank you kindly....

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3267. Re: Used Value Requested... Any Assistance?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-18 21:15:30 UTC
From: n2len
Topic: 3259 Message: 3267

Thank you for your great advice Ray it is much appreciated!

--- In acom-list@yahoogroups.com, "Ray W2RM" <w2rm@...> wrote:
>
> Your quite welcomed
>
> Best regards
>
> Ray W2RM
>
> I bought mine 8 months ago for $ 5000.00 and it was in excellent condition,
> (I drove from southern New Jersey to Ohio to pick it up) but the tubes were
> a little weak and the amp had 6,000 hours on it. I took it to The Dayton
> Ham fest this year and gave it to Willem and he checked it out, realigned it
> and put 2 new tubes in it. The total bill with shipping came to
>
> $ 557.00..... So take it from there.. The money part never came into my
> mind. I wanted one and I got one!!! Take in the fact that there are a lot
> of people out there who would love to own one and if someone wants it badly
> enough they will pay what you are asking. As my real estate instructor told
> me a long time ago "THERE IS A SEAT FOR EVERY ASS" Don't give it away !!!!
>
> If I were you I would sell the tubes separately. Let me know how much you
> are willing to sell a set of the tubes for, as I know 3 other guys right
> here in my county that own one. good Luck!
>
> Best regards
>
> Ray W2RM
>
> I am ready to sell my ACOM 2000A with extra sets of tubes...
> Would anyone care to enlighten me on a fair used market price for this
> package?
>
> Acom 2000A in spectacular condition/ Full output + and
> (3) sets of NOS MATCHED SET Pairs of 4CX800a7's.
>
> Thank you kindly....
>
> [Non-text portions of this message have been removed]
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>

> [Non-text portions of this message have been removed]
>

3268. Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-21 15:13:03 UTC
From: mw0jze
Topic: 3268 Message: 3268

Hi all,

Have any of you 1000 owners ever gone /p with your amp??

I recently did an IOTA MW9W and took the 1000 with me. It was well packed in the original box and well water proofed as it was a boat crossing. After the event I thought it would be worth my peace of mind and the safety of my amp if I invested in a Pelicase (water and bomb proof) Question is this, what's the best size? Have any of you bought one? If so any advice would be welcome, cheers.

Anthony MW0JZE

3269. Re: [acom-list] Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-21 20:43:27 UTC
From: trevor dunne
Topic: 3268 Message: 3269

Here is a link to a case that was made for a 2000 im sure you will find some info that will help you with your 1000

http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/

Trevor
EI2GLB

--- On Fri, 8/21/09, mw0jze <laptop@...> wrote:

From: mw0jze <laptop@...>
Subject: [acom-list] Pelicase
To: acom-list@yahoogroups.com
Date: Friday, August 21, 2009, 6:13 PM

Hi all,

Have any of you 1000 owners ever gone /p with your amp??

I recently did an IOTA MW9W and took the 1000 with me. It was well packed in the original box and well water proofed as it was a boat crossing. After the event I thought it would be worth my peace of mind and the safety of my amp if I invested in a Pelicase (water and bomb proof) Question is this, what's the best size? Have any of you bought one? If so any advice would be welcome, cheers.

Anthony MW0JZE

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

3270. Re: [acom-list] Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 03:38:56 UTC
From: John Peters
Topic: 3268 Message: 3270

Doesn't shipping the ACOM 2000 with the transformer installed increase the risk of destroying the components inside. The transformer mount is not designed to withstand shock and movement. That is why the ACOM 2000 and transformer come in separate boxes.

73 John K1ER
----- Original Message -----
From: trevor dunne
To: acom-list@yahoogroups.com
Sent: Friday, August 21, 2009 10:43 AM
Subject: Re: [acom-list] Pelicase

Here is a link to a case that was made for a 2000 im sure you will find some info that will help you with your 1000

http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/

Trevor
EI2GLB

--- On Fri, 8/21/09, mw0jze <laptop@...> wrote:

From: mw0jze <laptop@...>
Subject: [acom-list] Pelicase
To: acom-list@yahoogroups.com
Date: Friday, August 21, 2009, 6:13 PM

Hi all,

Have any of you 1000 owners ever gone /p with your amp??

I recently did an IOTA MW9W and took the 1000 with me. It was well packed in the original box and well water proofed as it was a boat crossing. After the event I thought it would be worth my peace of mind and the safety of my amp if I invested in a Pelicase (water and bomb proof) Question is this, what's the best size? Have any of you bought one? If so any advice would be welcome, cheers.

Anthony MW0JZE

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3271. Re: [acom-list] Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 05:45:58 UTC
From: Hans Remeeus
Topic: 3268 Message: 3271

This is a very correct and wise conclusion.

Unfortunately there are many examples of shipping linear amplifiers with heavy transformer, who were severely damaged because the transformer was not removed and shipped seperately.

Always remove the heavy transformer before the linear amplifier is shipped. This costs about 5 to 10 minutes time and will prevent a lot of sorrow.

Acom has understood this very good; their packages (as well as their linears) are excellent!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

John Peters schreef:
>
> Doesn't shipping the ACOM 2000 with the transformer installed increase
> the risk of destroying the components inside. The transformer mount is
> not designed to withstand shock and movement. That is why the ACOM 2000
> and transformer come in separate boxes.
>
> 73 John K1ER

3272. Re: Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 12:07:04 UTC
From: mw0jze
Topic: 3268 Message: 3272

Thanks guys,

I actually know Callum M0MCX so will drop him an email, cheers

Ant MW0JZE

--- In acom-list@yahoogroups.com, trevor dunne <trevor_dunne@...> wrote:
>
> Here is a link to a case that was made for a 2000 im sure you will find some info that will help you with your 1000
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> http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/
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>
> Trevor
> EI2GLB
>
> --- On Fri, 8/21/09, mw0jze <laptop@...> wrote:
>
>
> From: mw0jze <laptop@...>
> Subject: [acom-list] Pelicase
> To: acom-list@yahoogroups.com
> Date: Friday, August 21, 2009, 6:13 PM
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> Anthony MW0JZE
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> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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> [Non-text portions of this message have been removed]
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3273. RE: [acom-list] Re: Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 13:01:20 UTC
From: Robert Naumann
Topic: 3268 Message: 3273

The other error he makes is thinking that the remote control head is using RS232. It is not. It merely utilizes a DB9 connector but that is as close as it gets to RS232.

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of mw0jze
Sent: Saturday, August 22, 2009 7:07 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Pelicase

Thanks guys,

I actually know Callum M0MCX so will drop him an email, cheers

Ant MW0JZE

--- In acom-list@yahoogroups.com, trevor dunne <trevor_dunne@...> wrote:
>
> Here is a link to a case that was made for a 2000 im sure you will find some info that will help you with your 1000
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> http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/
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>
> Trevor
> EI2GLB
>
> --- On Fri, 8/21/09, mw0jze <laptop@...> wrote:
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>
> From: mw0jze <laptop@...>
> Subject: [acom-list] Pelicase
> To: acom-list@yahoogroups.com
> Date: Friday, August 21, 2009, 6:13 PM
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> Hi all,
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> Anthony MW0JZE
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> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

3274. August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 19:56:08 UTC
From: Mel Whitten
Topic: 3274 Message: 3274

RadCom (RSGB) magazine for August '09 has a interesting article on our favorite amplifer, ACOM titled, "ACOM - Behind the scenes in Bulgaira."

Mel, K0PFX

[Non-text portions of this message have been removed]

3275. RE: [acom-list] August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 23:07:56 UTC
From: Joel Kornreich
Topic: 3274 Message: 3275

Can this be viewed on the internet?

Joel, K2QBV

To: acom-list@yahoogroups.com
From: mel@...
Date: Sat, 22 Aug 2009 14:56:08 -0500
Subject: [acom-list] August RADCOM article on ACOM

RadCom (RSGB) magazine for August '09 has a interesting article on our favorite amplifer, ACOM titled, "ACOM - Behind the scenes in Bulgaira."

Mel, K0PFX

[Non-text portions of this message have been removed]

_____
With Windows Live, you can organize, edit, and share your photos.
http://www.windowslive.com/Desktop/PhotoGallery

[Non-text portions of this message have been removed]

3276. Re: [acom-list] August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-22 23:39:28 UTC
From: Mel Whitten
Topic: 3274 Message: 3276

Joel,

Well, it appears that RSGB does not publish "Features" articles on the net which is where the ACOM article resides. :-(
http://www.rsgb.org/radcom/

Mel

----- Original Message -----
From: Joel Kornreich
To: acom-list@yahoogroups.com
Sent: Saturday, August 22, 2009 6:07 PM
Subject: RE: [acom-list] August RADCOM article on ACOM

Can this be viewed on the internet?

Joel, K2QBV

To: acom-list@yahoogroups.com
From: mel@...
Date: Sat, 22 Aug 2009 14:56:08 -0500
Subject: [acom-list] August RADCOM article on ACOM

RadCom (RSGB) magazine for August '09 has a interesting article on our favorite amplifer, ACOM titled, "ACOM - Behind the scenes in Bulgaira."

Mel, K0PFX

[Non-text portions of this message have been removed]

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With Windows Live, you can organize, edit, and share your photos.
http://www.windowslive.com/Desktop/PhotoGallery

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3277. RE: [acom-list] Re: Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-24 16:56:05 UTC
From: Callum MØMCX
Topic: 3268 Message: 3277

>>> The other error he makes

Really? I didn☐t know I made that many errors :)

!

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Robert Naumann
Sent: 22 August 2009 14:01
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Re: Pelicase

The other error he makes is thinking that the remote control head is using
RS232. It is not. It merely utilizes a DB9 connector but that is as close as
it gets to RS232.

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On
Behalf
Of mw0jze
Sent: Saturday, August 22, 2009 7:07 AM
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Subject: [acom-list] Re: Pelicase

Thanks guys,

I actually know Callum M0MCX so will drop him an email, cheers

Ant MW0JZE

--- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> ,
trevor dunne <trevor_dunne@...> wrote:
>
> Here is a link to a case that was made for a 2000 im sure you will find
some info that will help you with your 1000
>

> http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/
>
>
> Trevor
> EI2GLB
>
> --- On Fri, 8/21/09, mw0jze <laptop@...> wrote:
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>
> From: mw0jze <laptop@...>
> Subject: [acom-list] Pelicase
> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> Date: Friday, August 21, 2009, 6:13 PM
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> Hi all,
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> Anthony MW0JZE
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> --
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around

> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

3278. RE: [acom-list] Re: Pelicase

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-24 18:38:54 UTC
From: W5OV@w5ov.com
Topic: 3268 Message: 3278

Just two!

>>>> The other error he makes
>
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>
> Really? I didn?t know I made that many errors :)
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> !
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>
> Callum McCormick
>
> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> 65 Glendon Way, B93 8SY
>
> http://www.facebook.com/m0mcx
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>
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of Robert Naumann
> Sent: 22 August 2009 14:01
> To: acom-list@yahoogroups.com
> Subject: RE: [acom-list] Re: Pelicase
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> The other error he makes is thinking that the remote control head is using
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> Bob W5OV
>
> -----Original Message-----

> From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>]
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> Thanks guys,
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> I actually know Callum M0MCX so will drop him an email, cheers
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> Ant MW0JZE
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> --- In acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> ,
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>> http://www.m0mcx.co.uk/2008/07/30/acom-2000-flight-case/
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> amp if I invested in a Pelicase (water and bomb proof) Question is this,
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>> Anthony MW0JZE
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>> Do You Yahoo!?
>> Tired of spam? Yahoo! Mail has the best spam protection around
>> http://mail.yahoo.com
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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3279. Re: August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-25 15:21:33 UTC
From: kotarak71
Topic: 3274 Message: 3279

Hi Joel,

I found the article online. You can download it from here -
http://depositfiles.com/en/files/q0whrcqkb

it is in DJVU format so you'll need a djvu browser - there are plenty of free djvu standalone browsers and IE plugins on internet - just do a google search.
Honestly, I didnt find the article very interesting - it is more of a travel diary IMHO. It lacks details about the amplifier manufacturing facility but speaks of ACOM's sound dampening wall at the local airport (huh?). This article is just a waste of space on the pages of RadCom. The picturs are not that great either. I dont thik you are missing much!

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Joel Kornreich <k2qbv@...> wrote:
>
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> Can this be viewed on the internet?
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> Joel, K2QBV
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> To: acom-list@yahoogroups.com
> From: mel@...
> Date: Sat, 22 Aug 2009 14:56:08 -0500
> Subject: [acom-list] August RADCOM article on ACOM
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> RadCom (RSGB) magazine for August '09 has a interesting article on our favorite amplifer, ACOM titled, "ACOM - Behind the scenes in Bulgaira."
>
> Mel, K0PFX
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> [Non-text portions of this message have been removed]
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> _____
> With Windows Live, you can organize, edit, and share your photos.
> http://www.windowslive.com/Desktop/PhotoGallery
>
> [Non-text portions of this message have been removed]
>

3280. RE: [acom-list] Re: August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-25 16:37:28 UTC
From: Joel Kornreich
Topic: 3274 Message: 3280

Thank you,

Joel, K2QBV

To: acom-list@yahoogroups.com
From: kotjunk@...
Date: Tue, 25 Aug 2009 15:21:33 +0000
Subject: [acom-list] Re: August RADCOM article on ACOM

Hi Joel,

I found the article online. You can download it from here -
http://depositfiles.com/en/files/q0whrcqkb

it is in DJVU format so you'll need a djvu browser - there are plenty of free djvu standalone browsers and IE plugins on internet - just do a google search.
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Get back to school stuff for them and cashback for you.
http://www.bing.com/cashback?form=MSHYCB&publ=WLHMTAG&crea=TEXT_MSHYCB_BackToSchool_Cashback_BTSCashback_1x1

[Non-text portions of this message have been removed]

3281. Re: August RADCOM article on ACOM

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-25 22:43:06 UTC
From: pa3hgt
Topic: 3274 Message: 3281

Hello everyone,

I tried to view it by a DJVU program but i did not succeed.
Can someone send me the file in another extension like PDF or JPG ?
Tried online viewers and installed programs but no ...

Thanks in advance !

Hans,PA3HGT

--- In acom-list@yahoogroups.com, Joel Kornreich <k2qbv@...> wrote:
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> Thank you,
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> Joel, K2QBV
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> To: acom-list@yahoogroups.com
> From: kotjunk@...
> Date: Tue, 25 Aug 2009 15:21:33 +0000
> Subject: [acom-list] Re: August RADCOM article on ACOM
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> Hi Joel,
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> I found the article online. You can download it from here -
http://depositfiles.com/en/files/q0whrcqkb
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> de Andrey, AE1Z

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> > To: acom-list@yahoogroups.com
> > From: mel@
> > Date: Sat, 22 Aug 2009 14:56:08 -0500
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> > [Non-text portions of this message have been removed]
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> > _____
> > With Windows Live, you can organize, edit, and share your photos.
> > http://www.windowslive.com/Desktop/PhotoGallery
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> > [Non-text portions of this message have been removed]
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> ---
> Get back to school stuff for them and cashback for you.
> http://www.bing.com/cashback?form=MSHYCB&publ=WLHMTAG&crea=TEXT_MSHYCB_BackToSchool_Cashback_BTSCashback_1x1
>
> [Non-text portions of this message have been removed]
>

3282. line voltage display/monitor adjustment

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-26 01:19:07 UTC
From: kamarty456
Topic: 3282 Message: 3282

I have decided the Acom 2000A line voltage measurement is way off ....

Using a digital voltmeter I measure my 240VAC line at the outlet and get 245VAC.

The Acom 2000A RCU display shows 252VAC and as the line varies so does the Acom, but there is usually about a 7VAC difference.

Looking at the schematics...interface circuit board sheet 7 of 8
I have located RP13 a 50k-ohm pot JP7:22 so that should be the calibration potentiometer.

Now if memory is correct, the interface board is the board behind the front cover? I will need to remove the entire top cover to access the screws to remove the front cover..right?

Now one more set of questions..I notice my heater voltage is around
13.2V other than diving past a powered transformer and high voltage, is there an easy test point to use to verify the actual heater voltage as it may also be off. The adjustment for heater voltage is on page 6 of 8 on the interface board and is RP12.

Thanks

Martin KA7GKN

3283. RE: [acom-list] line voltage display/monitor adjustment

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-26 02:29:20 UTC
From: K4HW
Topic: 3282 Message: 3283

Hi Marty,

I believe you are correct about the Mains adj. However, look on page 15 of 43 sheet 1 of 1 and you will find JP1:2 hvmi. That suggest that that RP12 may be the high voltage measurement. Heater voltage may more likely be RP16 on pate 25 of 43 sheet 7 of 8. See JP2:4 on page 42 of 43 sheet 1 of 1.

Notice also the RP2 1k main adjustment on page 7 of 43 or sheet 2 of 6 that will affect all analog readings. You will see that this is fed by the multiplexer chips on page 10 of 43 or sheet 5 of 6 that take in all the analog readings. In my case several analog readings are suspect. Specifically: Fwd-P, Mains, Fil-V, IF-Front and Rear. However Drive checks slightly low. It seems that some of the amps were not carefully calibrated before they left the factory.

I wish you all the best. Let me know how it goes.

73,

Hal - K4HW

From: kamarty456 [mailto:martins160@...]
Sent: Tuesday, August 25, 2009 9:19 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] line voltage display/monitor adjustment

I have decided the Acom 2000A line voltage measurement is way off ....

Using a digital voltmeter I measure my 240VAC line at the outlet and get 245VAC.

The Acom 2000A RCU display shows 252VAC and as the line varies so does the Acom, but there is usually about a 7VAC difference.

Looking at the schematics...interface circuit board sheet 7 of 8
I have located RP13 a 50k-ohm pot JP7:22 so that should be the calibration potentiometer.

Now if memory is correct, the interface board is the board behind the front cover? I will need to remove the entire top cover to access the screws to remove the front cover..right?

Now one more set of questions..I notice my heater voltage is around 13.2V other than diving past a powered transformer and high voltage, is there an easy test point to use to verify the actual heater voltage as it may also be off. The adjustment for heater voltage is on page 6 of 8 on the

interface board and is RP12.

Thanks

Martin KA7GKN

[Non-text portions of this message have been removed]

3284. Transporting the ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-29 18:24:09 UTC
From: n7avk
Topic: 3284 Message: 3284

Hi Folks,
Sorry I'm late on this. I've taken my ACOM 1000 around the world, getting to FT5XO and back and then again from the West Coast USA to ZL8R and back. I've used the Pelican 1650 with the "pluckable foam". Total weight is 70#. The amp has travelled just fine with no problems and that is with the power supply left in the amp. I mean what are you going to do...take the power supply out and carry it along in your purse or a second container?..which gets spendy. I had to pay excess weight to the airline pirates, but you do what you have to do to get where you want to be.
I use it at home as the amp for my second radio in a SO2R setup. Used it on all bands for the DXpeditions including 6M EME, although it has its best value for us on the low bands where the QSB and noise and all is worse than on 10-40M.
73 and I remain,
Lew W7EW/W7AT
http://www.aliendownlink.com

3285. Re: [acom-list] Transporting the ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-30 02:04:19 UTC
From: W5OV@w5ov.com
Topic: 3284 Message: 3285

Lew,

The 1000 is perfect for what you describe and the transformer does not need to be removed for shipping/transportation.

With the 2000A, the transformer is just too heavy to leave it in the chassis. While it may survive shipping with the transformer installed, it's probably not worth the risk.

73,

Bob W5OV

> Hi Folks,
> Sorry I'm late on this. I've taken my ACOM 1000 around the world,
> getting to FT5XO and back and then again from the West Coast USA to
> ZL8R and back. I've used the Pelican 1650 with the "pluckable foam".
> Total weight is 70#. The amp has travelled just fine with no problems
> and that is with the power supply left in the amp. I mean what are you
> going to do...take the power supply out and carry it along in your
> purse or a second container?..which gets spendy. I had to pay excess
> weight to the airline pirates, but you do what you have to do to get
> where you want to be.
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> it on all bands for the DXpeditions including 6M EME, although it has
> its best value for us on the low bands where the QSB and noise and
> all is worse than on 10-40M.
> 73 and I remain,
> Lew W7EW/W7AT
> http://www.aliendownlink.com
>
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> Yahoo! Groups Links
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3286. RE: [acom-list] Transporting the ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-31 09:12:03 UTC
From: Callum MØMCX
Topic: 3284 Message: 3286

Agreed.

Although I have a professional flight-case and I leave my transformer in all the time, I only transport it in the back of my car - anything else and the transformer would have to come out.

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of W5OV@...
Sent: 30 August 2009 03:04
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Transporting the ACOM 1000

Lew,

The 1000 is perfect for what you describe and the transformer does not need to be removed for shipping/transportation.

With the 2000A, the transformer is just too heavy to leave it in the chassis. While it may survive shipping with the transformer installed, it's probably not worth the risk.

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Bob W5OV

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> http://www.aliendownlink.com
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

3287. RE: [acom-list] Transporting the ACOM 1000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-08-31 10:13:55 UTC
From: Callum MØMCX
Topic: 3284 Message: 3287

(and I refer only to the 2000 in this scenario).

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Callum MØMCX
Sent: 31 August 2009 10:12
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Transporting the ACOM 1000

Agreed.

Although I have a professional flight-case and I leave my transformer in all the time, I only transport it in the back of my car - anything else and the transformer would have to come out.

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

65 Glendon Way, B93 8SY

http://www.facebook.com/m0mcx

From: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com> [mailto:acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>] On Behalf
Of W5OV@... <mailto:W5OV%40w5ov.com>
Sent: 30 August 2009 03:04
To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
Subject: Re: [acom-list] Transporting the ACOM 1000

Lew,

The 1000 is perfect for what you describe and the transformer does not need to be removed for shipping/transportation.

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> I use it at home as the amp for my second radio in a SO2R setup. Used
> it on all bands for the DXpeditions including 6M EME, although it has
> its best value for us on the low bands where the QSB and noise and
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3288. Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-04 14:57:33 UTC
From: kamarty456
Topic: 3288 Message: 3288

Does anyone have any details regarding the ACOM 2000A
electronic bias circuit? I am looking for details on disabling it.

Martin KA7GKN

3289. Re: [acom-list] Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-04 15:05:24 UTC
From: Hans Remeeus
Topic: 3288 Message: 3289

Hello Marty,

Quote

The modification is made on the INTERFACE PCB and it requires to remove
the front panel. You should first disconnect all cables from amplifier,
especially the mains cord! Then remove the top cover using a Philips-2
screwdriver. Do not press the screws excessively in order not to push
any captive nut out of the chassis.

Four M3x3 screws on bottom-front and two more on top hold the front
panel. The bottom four screws are with cross-recessed Philips-1 heads
while the two on top can be with a straight slit (flat screwdriver).
Unscrew four bottom screws the first and only after that - the two on top.

After removing the front panel, you may place it near the amplifier
without disconnecting the power switch. Be very careful not to mixup
wires if you would prefer to disconnect it - the wires are labelled
according to the numbers printed on the switch.

Please find the INTERFACE PCB in the right of the chassis - see the
attached picture Front_View.jpg. The left-bottom corner is shown in
details in the picture Ints_smd_EBS1.jpg. Add a 100-220nF 50V capacitor
to the via holes pointed with yellow arrows. The additional capacitor
will connect in parallel to the original 100nF in order to double to
tripple the time constant of the EBS delay.

Now look at the picture Ints_smd_EBS.jpg. Add a wire jumper between the
via holes pointed by two yellow arrows as shown with a blue line in the
picture. This will connect the emitter of the transistor Q4 in order to
fully block the EBS operation i.e. the tubes will be operated with the
high-level idling current always when the PTT is pressed, whether the RF
drive is present or not. No additional capacitor would be needed in this
case.

Unquote

I have three photos for you. I can upload them or you can send me an e-mail.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
>
>

> Does anyone have any details regarding the ACOM 2000A
> electronic bias circuit? I am looking for details on disabling it.
>
> Martin KA7GKN
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4395 (20090904) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3290. RE: [acom-list] Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-04 17:32:26 UTC
From: George Steube
Topic: 3288 Message: 3290

Hans,
Out of curiosity what is the purpose of this mod?
Thanks,
George
W2GS
-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Hans Remeeus
Sent: Friday, September 04, 2009 10:05 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Electronic bias circuit

Hello Marty,

Quote

The modification is made on the INTERFACE PCB and it requires to remove the front panel. You should first disconnect all cables from amplifier, especially the mains cord! Then remove the top cover using a Philips-2 screwdriver. Do not press the screws excessively in order not to push any captive nut out of the chassis.

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After removing the front panel, you may place it near the amplifier without disconnecting the power switch. Be very careful not to mixup wires if you would prefer to disconnect it - the wires are labelled according to the numbers printed on the switch.

Please find the INTERFACE PCB in the right of the chassis - see the attached picture Front_View.jpg. The left-bottom corner is shown in details in the picture Ints_smd_EBS1.jpg. Add a 100-220nF 50V capacitor to the via holes pointed with yellow arrows. The additional capacitor will connect in parallel to the original 100nF in order to double to tripple the time constant of the EBS delay.

Now look at the picture Ints_smd_EBS.jpg. Add a wire jumper between the via holes pointed by two yellow arrows as shown with a blue line in the picture. This will connect the emitter of the transistor Q4 in order to fully block the EBS operation i.e. the tubes will be operated with the high-level idling current always when the PTT is pressed, whether the RF drive is present or not. No additional capacitor would be needed in this case.

Unquote

I have three photos for you. I can upload them or you can send me an
e-mail.

73,
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http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
>
>
> Does anyone have any details regarding the ACOM 2000A
> electronic bias circuit? I am looking for details on disabling it.
>
> Martin KA7GKN
>

_____ Informatie van ESET NOD32 Antivirus, versie van database
viruskenmerken 4395 (20090904) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

3291. Re: [acom-list] Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-04 18:39:46 UTC
From: Hans Remeeus
Topic: 3288 Message: 3291

Hello George,

This mod is for our HiFi operators.

Please read what Stan LZ1UI wrote about this mod:

Quote

ACOM does not recommend introducing this modification unless you have
EXTREMELY high sound-quality requirements. The difference can be
detected only at very small distances, under 1-2km. Normally you do not
need it and all ACOM2000A, ACOM1000 and ACOM1010 units up to date have
been produced without such a modification.

You should know that although possible, this modification sets a
compromise between the temperature regime and the signal quality. The
minimum capacitance which satisfies your quality requirements is
recommended. Full EBS elimination should be avoided unless you have the
additional external fan installed.

Unquote

I will not implement this mod, for the mean reason that I always get
excellent audio reports. Nothing to complain.

But sometimes even 'excellect' is not good enough ;-)

For this reason some operators choose a linear amplifier with 3CX800
triode instead of pentode or tetrode tubes. For the audio freaks the
triode gives a bit better audio. Same as the difference between Class A
and Class AB amplifiers. I must admit that I never heard the difference...

IMHO it's all in the margin, but could be a very interesting and well
respected part of our hobby.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

George Steube schreef:
>
> Hans,
> Out of curiosity what is the purpose of this mod?
> Thanks,
> George
> W2GS

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4396 (20090904) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3292. RE: [acom-list] Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-04 21:45:35 UTC
From: George Steube
Topic: 3288 Message: 3292

Hans,
Thanks for the information. My 2KA works great and the audio reports are equally good.
George
W2GS
-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com]On Behalf Of Hans Remeeus
Sent: Friday, September 04, 2009 1:40 PM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Electronic bias circuit

Hello George,

This mod is for our HiFi operators.

Please read what Stan LZ1UI wrote about this mod:

Quote

ACOM does not recommend introducing this modification unless you have EXTREMELY high sound-quality requirements. The difference can be detected only at very small distances, under 1-2km. Normally you do not need it and all ACOM2000A, ACOM1000 and ACOM1010 units up to date have been produced without such a modification.

You should know that although possible, this modification sets a compromise between the temperature regime and the signal quality. The minimum capacitance which satisfies your quality requirements is recommended. Full EBS elimination should be avoided unless you have the additional external fan installed.

Unquote

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But sometimes even 'excellect' is not good enough ;-)

For this reason some operators choose a linear amplifier with 3CX800 triode instead of pentode or tetrode tubes. For the audio freaks the triode gives a bit better audio. Same as the difference between Class A and Class AB amplifiers. I must admit that I never heard the difference...

IMHO it's all in the margin, but could be a very interesting and well respected part of our hobby.

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Communication is about people, the rest is technology.

George Steube schreef:
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> Hans,
> Out of curiosity what is the purpose of this mod?
> Thanks,
> George
> W2GS

_____ Informatie van ESET NOD32 Antivirus, versie van database
viruskenmerken 4396 (20090904) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

3293. ACOM-1000 new trick

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-05 23:01:16 UTC
From: n7avk
Topic: 3293 Message: 3293

I order a new ACOM 2000A, put down the phone and fire up my 5 year old ACOM 1000. It warms up OK but now has 0-10 watts showing out on the forward power and power out checks. I disconnect the coax from the radio. Same readings. If I try to put the amp into transmit mode it shuts down with admonition of "hot switching". If I can get it into transmit mode when the forward power reads 0, it then seems to function just fine except for showing small amounts of power out-(1-10W usually) when I'm on receive.
Seems like a component goof to me..but has anybody had a similiar thing happen to their 1000? Any ideas before I send it off to the ACOM hospital?
Thanks.. 73 and I remain,
Lew W7EW/W7AT

3294. Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-06 18:57:27 UTC
From: kamarty456
Topic: 3288 Message: 3294

Thank you Hans for your reply.
I do have the external cooling fan and have never experienced
cooling challenges.

I keep vacillating between leaving the 2000A alone and modifying
the electronic bias.

As of right now I'm leaning more to "leave the 2000A alone"

I decided to replace my Sony mini-disc recorder with a Marantz PMD661
digital recorder. This unit although expensive has much better and newer technology
compared to the Sony ATRAC-3 compression.

Since my "live audio" routed through processing etc. does not exhibit and electronic bias
crunches, I am more suspect of my mini-disc as it plays through the same route.

I'll keep you informed to my progress

Marty KA7GKN

In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Hello Marty,
>
> Quote
>
> The modification is made on the INTERFACE PCB and it requires to remove
> the front panel. You should first disconnect all cables from amplifier,
> especially the mains cord! Then remove the top cover using a Philips-2
> screwdriver. Do not press the screws excessively in order not to push
> any captive nut out of the chassis.
>
> Four M3x3 screws on bottom-front and two more on top hold the front
> panel. The bottom four screws are with cross-recessed Philips-1 heads
> while the two on top can be with a straight slit (flat screwdriver).
> Unscrew four bottom screws the first and only after that - the two on top.
>
> After removing the front panel, you may place it near the amplifier
> without disconnecting the power switch. Be very careful not to mixup
> wires if you would prefer to disconnect it - the wires are labelled
> according to the numbers printed on the switch.
>
> Please find the INTERFACE PCB in the right of the chassis - see the
> attached picture Front_View.jpg. The left-bottom corner is shown in
> details in the picture Ints_smd_EBS1.jpg. Add a 100-220nF 50V capacitor
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> will connect in parallel to the original 100nF in order to double to
> tripple the time constant of the EBS delay.
>
> Now look at the picture Ints_smd_EBS.jpg. Add a wire jumper between the
> via holes pointed by two yellow arrows as shown with a blue line in the
> picture. This will connect the emitter of the transistor Q4 in order to
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> high-level idling current always when the PTT is pressed, whether the RF
> drive is present or not. No additional capacitor would be needed in this
> case.
>
> Unquote
>
> I have three photos for you. I can upload them or you can send me an e-mail.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> kamarty456 schreef:
> >
> >
> > Does anyone have any details regarding the ACOM 2000A
> > electronic bias circuit? I am looking for details on disabling it.
> >
> > Martin KA7GKN
> >
>
>
> __________ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4395
(20090904) __________
>
> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
>

3295. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-06 19:09:46 UTC
From: Hans Remeeus
Topic: 3288 Message: 3295

Hello Marty,

I would leave the 2000A as it is. Mine is about six years old, almost daily usage, and still like it very much without any problem. Same tubes as six years ago and still 15 dB gain left from the 15,5 dB. The only cons I have are the two SO239 connectors; I will replace them for N-types.

Congratulations with your PMD661! We still use enjoyable Marantz HiFi equipment from the 90's; solid, heavy and excellent audio quality.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
> Thank you Hans for your reply.
> I do have the external cooling fan and have never experienced
> cooling challenges.
>
> I keep vacillating between leaving the 2000A alone and modifying
> the electronic bias.
>
> As of right now I'm leaning more to "leave the 2000A alone"
>
> I decided to replace my Sony mini-disc recorder with a Marantz PMD661
> digital recorder. This unit although expensive has much better and newer technology compared to the Sony ATRAC-3 compression.
>
> Since my "live audio" routed through processing etc. does not exhibit and electronic bias crunches, I am more suspect of my mini-disc as it plays through the same route.
>
> I'll keep you informed to my progress
>
> Marty KA7GKN
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4401 (20090906) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3296. Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-07 00:35:29 UTC
From: k2qmf@juno.com
Topic: 3288 Message: 3296

Hello Hans,

I have a 2000A and I was wondering what problems
you have with the SO239 connectors??

Thanks in advance for any information...

73,
Ted K2QMF

On Sun, 06 Sep 2009 21:09:46 +0200 Hans Remeeus <hans@...> writes:
>
> Hello Marty,
>
> I would leave the 2000A as it is. Mine is about six years old,
> almost
> daily usage, and still like it very much without any problem. Same
> tubes
> as six years ago and still 15 dB gain left from the 15,5 dB. The
> only
> cons I have are the two SO239 connectors; I will replace them for
> N-types.
>
> Congratulations with your PMD661! We still use enjoyable Marantz
> HiFi
> equipment from the 90's; solid, heavy and excellent audio quality.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> kamarty456 schreef:
> > Thank you Hans for your reply.
> > I do have the external cooling fan and have never experienced
> > cooling challenges.
> >
> > I keep vacillating between leaving the 2000A alone and modifying
> > the electronic bias.
> >
> > As of right now I'm leaning more to "leave the 2000A alone"
> >
> > I decided to replace my Sony mini-disc recorder with a Marantz
> PMD661

> > digital recorder. This unit although expensive has much better and
> newer technology compared to the Sony ATRAC-3 compression.
> >
> > Since my "live audio" routed through processing etc. does not
> exhibit and electronic bias crunches, I am more suspect of my
> mini-disc as it plays through the same route.
> >
> > I'll keep you informed to my progress
> >
> > Marty KA7GKN
> >
> >
>
>
> _____ Informatie van ESET NOD32 Antivirus, versie van database
> viruskenmerken 4401 (20090906) _____
>
> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
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> Yahoo! Groups Links
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Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFoYdupKl9kbNyNt7QJ4QrlwuVluTaw2U3juyo8QazoNMZC4b5Fte/

3297. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-07 06:11:09 UTC
From: Hans Remeeus
Topic: 3288 Message: 3297

Hello Ted,

The SO239 connectors I have in my 2000A are of bad quality. The hole is too wide for the pin of the PL259 connector. This sometimes causes an arcing failure, while switching from receive to transmit and the other way.

N-connectors are better from different points of view. They fit and close better. You have less change for dirt or dust in the hole. Their isolation is better. They have a better and steady 50 Ohm impedance.

Nowadays the N-type connectors are not much more expensive then the SO239 connectors. For brand new Rosenberger or Suhner N chassis connectors we pay 2 euro. The N-type cable connectors perhaps are 2 or 3 euro more expensive then the PL259.

When you find it difficult to replace the SO239 by N-types, then use good PL259 (e.g. from Amphenol) connectors who have a bit bigger pin (larger in diameter). I only use this type connector (PL-7 Clamp), which is of excellent quality:
http://www.kabel-kusch.de/UHF-Stecker/pl-7-cl.htm
http://www.kabel-kusch.de/Montagen/PL-7-Clamp/montage_pl_7.htm

I advice other users to check their connectors. They are very important parts of the transmitting circuit! The chain is as strong as its weakest part...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

k2qmf@... schreef:
> Hello Hans,
>
> I have a 2000A and I was wondering what problems
> you have with the SO239 connectors??
>
> Thanks in advance for any information...
>
> 73,
> Ted K2QMF
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4401 (20090906) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3298. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-07 15:22:31 UTC
From: k2qmf@juno.com
Topic: 3288 Message: 3298

Hi Hans,

Great information on the SO329 connectors..

Thank You Very Much.

73,
Ted K2QMF

On Mon, 07 Sep 2009 08:11:09 +0200 Hans Remeeus <hans@...> writes:
>
> Hello Ted,
>
> The SO239 connectors I have in my 2000A are of bad quality. The hole
> is
> too wide for the pin of the PL259 connector. This sometimes causes
> an
> arcing failure, while switching from receive to transmit and the
> other way.
>
> N-connectors are better from different points of view. They fit and
>
> close better. You have less change for dirt or dust in the hole.
> Their
> isolation is better. They have a better and steady 50 Ohm
> impedance.
>
> Nowadays the N-type connectors are not much more expensive then the
>
> SO239 connectors. For brand new Rosenberger or Suhner N chassis
> connectors we pay 2 euro. The N-type cable connectors perhaps are 2
> or 3
> euro more expensive then the PL259.
>
> When you find it difficult to replace the SO239 by N-types, then use
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> good PL259 (e.g. from Amphenol) connectors who have a bit bigger pin
>
> (larger in diameter). I only use this type connector (PL-7 Clamp),
> which
> is of excellent quality:
> http://www.kabel-kusch.de/UHF-Stecker/pl-7-cl.htm
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> I advice other users to check their connectors. They are very
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> 73,
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> > Ted K2QMF
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> _____ Informatie van ESET NOD32 Antivirus, versie van database
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>
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> http://www.eset.com
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http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFhDiJtAIiK4C8ajSCI57GlIcmhoXugmEY1jTMuPkgmSHX2ZfkNpu/

3299. [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-07 19:48:42 UTC
From: Steve Tripp (K1IIG)
Topic: 3288 Message: 3299

Here is a good site on the pros and cons of both.

http://lists.contesting.com/_amps/2001-09/msg00461.html

Steve

Hi Hans,

Great information on the SO329 connectors..

Thank You Very Much.

73,
Ted K2QMF

On Mon, 07 Sep 2009 08:11:09 +0200 Hans Remeeus <hans@...> writes:
>
> Hello Ted,
>
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> too wide for the pin of the PL259 connector. This sometimes causes
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> Their
> isolation is better. They have a better and steady 50 Ohm
> impedance.
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> Nowadays the N-type connectors are not much more expensive then the
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> SO239 connectors. For brand new Rosenberger or Suhner N chassis
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> euro more expensive then the PL259.
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> When you find it difficult to replace the SO239 by N-types, then use
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> http://www.kabel-kusch.de/UHF-Stecker/pl-7-cl.htm
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> I advice other users to check their connectors. They are very
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> parts of the transmitting circuit! The chain is as strong as its
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> 73,
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> __________ Informatie van ESET NOD32 Antivirus, versie van database
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> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
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Click here for the perfect coverage and makeup solutions.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFhDiJtAIiK4C8ajSCI57GlIcmhoXugmEY1jTMuP

kgmSHX2ZfkNpu/

[Non-text portions of this message have been removed]

3300. Length of control lead for 2k

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-15 12:40:55 UTC
From: Callum MØMCX
Topic: 3300 Message: 3300

Does anyone happen to remember the maximum recommended length for a control lead extension for the 2000..?

Cheers,

Callum McCormick

Group Scout Leader

Chairman DVA

Chairman Barclay Anderson Ltd

<http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/

t: 07976 631881

[Non-text portions of this message have been removed]

3301. Re: [acom-list] Length of control lead for 2k

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-15 20:28:50 UTC
From: Gia Gvaladze
Topic: 3300 Message: 3301

Hi Callum
I asked this question to Stanimir in Acom-Bulgaria few years ago and his reply was that it should be fine up to 20m, they successfuly tested it. He as well recommended to put ferrits on the cable for possible interference. I myself are using 7m length cable and never had any problems.
73
Gia 4L4WW

--- On Tue, 9/15/09, Callum MØMCX <callum@...> wrote:

From: Callum MØMCX <callum@...>
Subject: [acom-list] Length of control lead for 2k
To: acom-list@yahoogroups.com
Date: Tuesday, September 15, 2009, 5:40 AM

Does anyone happen to remember the maximum recommended length for a control
lead extension for the 2000..?

Cheers,

Callum McCormick

Group Scout Leader

Chairman DVA

Chairman Barclay Anderson Ltd

<http://www.m0mcx. co.uk/> http://www.m0mcx. co.uk/

t: 07976 631881

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3302. 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 04:26:36 UTC
From: dickgreen03755
Topic: 3302 Message: 3302

I was talking with Jay Terleski from Array Solutions today. They're in the process of becoming a distributor for Acom (it's not yet clear whether Krassy's company will continue to sell and support the amp in addition to Array Solutions -- stay tuned.)

Jay said they have matched, tested NOS 4CX800s in stock for $550 per pair (I bought a pair on the spot.) He said they will be getting brand-new 4CX800s from Acom (not the military version, but brand new Svetlana 4CX800s) and they will sell for $500 per tube.

If you need a pair of tubes for your 2000A, the NOS tubes are a heck of a deal.

73, Dick WC1M

3303. Re: [acom-list] 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 07:51:20 UTC
From: Dennis Vernacchia
Topic: 3302 Message: 3303

They were an even better deal when I bough a matched set for $200 !

N6KI

On Tue, Sep 15, 2009 at 9:26 PM, dickgreen03755 <wc1m73@...> wrote:

>
>
> I was talking with Jay Terleski from Array Solutions today. They're in the
> process of becoming a distributor for Acom (it's not yet clear whether
> Krassy's company will continue to sell and support the amp in addition to
> Array Solutions -- stay tuned.)
>
> Jay said they have matched, tested NOS 4CX800s in stock for $550 per pair
> (I bought a pair on the spot.) He said they will be getting brand-new
> 4CX800s from Acom (not the military version, but brand new Svetlana 4CX800s)
> and they will sell for $500 per tube.
>
> If you need a pair of tubes for your 2000A, the NOS tubes are a heck of a
> deal.
>
> 73, Dick WC1M
>
>
>

[Non-text portions of this message have been removed]

3304. RE: [acom-list] 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 12:04:13 UTC
From: Robert Naumann
Topic: 3302 Message: 3304

Dick,

Just to clarify, we ARE an Acom distributor and Factory Authorized Warranty Repair center for Acom amplifiers as of Dayton 2009.

The question is whether Krassy is continuing, and in what capacity. Krassy's status is the only unknown - not Array Solutions.

The NOS tubes are in very limited quantity and once they are gone, they are gone. Please keep in mind that these tubes do not fail routinely. They are very rugged and failures are very rare. Svetlana *is* making new tubes, and Acom provides Svetlana with components that are used in their production facility for the tubes. The old GU74B tubes - the military ones that were dull and grey in appearance - and cheap - are no longer being made. Svetlana now only makes the 4CX800 and it looks more like an Eimac tube, being polished and shiny - and with the appropriately Eimac-like high price of about $500 each.

Just an example, I am still using my original tubes in my Acom 2000A that I have been using for about 12 or 13 years, including dragging it back and forth to & from Antigua several times as airline baggage, in multi-ops being abused for years here in Texas, and in virtually every contest over the last 12/13 years - SSB, CW and RTTY.

So, despite the tube panic expressed here over the last year or two, there is no reason to rush out and waste your money buying tubes you may likely never need. Save your money for other things.

73,

Bob Naumann W5OV
Array Solutions

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of dickgreen03755
Sent: Tuesday, September 15, 2009 11:27 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] 4CX800s from Array Solutions

I was talking with Jay Terleski from Array Solutions today. They're in the process of becoming a distributor for Acom (it's not yet clear whether Krassy's company will continue to sell and support the amp in addition to Array Solutions -- stay tuned.)

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from Acom (not the military version, but brand new Svetlana 4CX800s) and they will sell for $500 per tube.

If you need a pair of tubes for your 2000A, the NOS tubes are a heck of a deal.

73, Dick WC1M

Yahoo! Groups Links

3305. Re: [acom-list] 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 12:51:02 UTC
From: Hans Remeeus
Topic: 3302 Message: 3305

Hello Bob,

This IMHO is an excellent and very wise advice of you!

The GU74b is made for such kind of "abusing" operations you have
mentioned to us. It is the so-called 'military version' of the bright
shining and very expensive 4CX800A.

It is much better to spend some extra money e.g. on a very good antenna
analyser, in order to know what the antenna is doing in combination with
an Acom linear...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Robert Naumann schreef:
>
> Just an example, I am still using my original tubes in my Acom 2000A that I
> have been using for about 12 or 13 years, including dragging it back and
> forth to & from Antigua several times as airline baggage, in multi-ops being
> abused for years here in Texas, and in virtually every contest over the last
> 12/13 years - SSB, CW and RTTY.
>
> So, despite the tube panic expressed here over the last year or two, there
> is no reason to rush out and waste your money buying tubes you may likely
> never need. Save your money for other things.
>
> 73,
>
> Bob Naumann W5OV
> Array Solutions
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408
(20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3306. RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 12:57:47 UTC
From: Joel Kornreich
Topic: 3302 Message: 3306

I find the rush to purchase GU74B tubes very interesting for Acom owners. I think a lot of us including myself would like to ask this Acom owners list a very simple question that will clear up any real rush to obtain any placements.

HOW LONG BE IT HOURS OR YEARS THAT YOUR GU74B TUBES HAD TO BE REPLACED?

Take into consideration if you pushed the tube(s) past the spec that the tube was intended for. Your comments would be interesting to view on the reflector.

Are you really going to spend another $1,000. for what possibly may be needed if ever?

Joel, K2QBV in New York

To: acom-list@yahoogroups.com
From: wc1m73@...
Date: Wed, 16 Sep 2009 04:26:36 +0000
Subject: [acom-list] 4CX800s from Array Solutions

I was talking with Jay Terleski from Array Solutions today. They're in the process of becoming a distributor for Acom (it's not yet clear whether Krassy's company will continue to sell and support the amp in addition to Array Solutions -- stay tuned.)

Jay said they have matched, tested NOS 4CX800s in stock for $550 per pair (I bought a pair on the spot.) He said they will be getting brand-new 4CX800s from Acom (not the military version, but brand new Svetlana 4CX800s) and they will sell for $500 per tube.

If you need a pair of tubes for your 2000A, the NOS tubes are a heck of a deal.

73, Dick WC1M

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

[Non-text portions of this message have been removed]

3307. Re: [acom-list] RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 13:22:21 UTC
From: Hans Remeeus
Topic: 3302 Message: 3307

Hello Joel,

With all the safety features the Acom linears have, the tube(s) will
last for decades! Perhaps 10,000 hours of operations, or even more.
Depending of course on the way of operating your rigs and amplifier and
how you treat them. One cup of coffee could be the end...

Please don't worry about your tubes:
http://www.youtube.com/watch?v=QkBUx6Zn6mo

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Joel Kornreich schreef:
>
> I find the rush to purchase GU74B tubes very interesting for Acom owners. I think a lot of us including myself would like to ask this Acom owners list a very simple question that will clear up any real rush to obtain any placements.
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> Take into consideration if you pushed the tube(s) past the spec that the tube was intended for. Your comments would be interesting to view on the reflector.
>
> Are you really going to spend another $1,000. for what possibly may be needed if ever?
>
> Joel, K2QBV in New York
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3308. Re: [acom-list] RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 13:38:22 UTC
From: Paul Christensen
Topic: 3302 Message: 3308

With indirectly-heated tubes, I am more concerned about regulating filament voltage to the manufacturer specs than anything, including grid dissipation.

My line voltage here runs 252 VAC and varies little. The 2000A does have an excellent tapping system through the power supply compartment as well as being able to match the line voltage through the RCU menu.

I sold my 2000A back in 1999 (the first unit shipped to the U.S.). I continued to use an Alpha 77Dx with a single 8877. Since that time, I've gone though three tubes, all with filament problems, owing to the high line voltage here. To finally deal with the problem, I killed two birds: I always hated the fact that the filament return is on chassis ground and I was always concerned that the Filament V was outside Eimac's specification with my high line voltage. I decided to add a balanced filament choke which raised the filament return above chassis ground. Just enough IR loss through the choke brought the filament V down to the target value of just barely under 5.0 volts. So far so good.

With the above said, the GU74Bs in the 2000A should run nearly forever if the amp continuously monitors filament voltage and grid current to ensure that it's operating within the tube's specified ratings.

Paul, W9AC

[Non-text portions of this message have been removed]

3309. RE: [acom-list] RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 13:57:57 UTC
From: Kees - pa7two
Topic: 3302 Message: 3309

Hi all,

Few reasons for worn out GU74B tubes are:

1 - The most worn-out tubes I've seen were caused by usage with way too high temperatures. The air-filter was fully blocked by dust in all these cases. I've repaired a couple of Acom-1000 units with this phenomenon.

2 - Other causes could be "I tune the amp just once in the middle of the band and that is it". Meaning no re-tuning takes place when the frequency has been changed in the same band.

3 - Tube has been designed for approx. 800 watts. So, if you drive a tube over the specs, do not expect a long lifetime?

4 - Filament & HV voltage set to high. Seen a few times with Acom 1000 amps. For tube life it is better to have the filament slightly below the 'normal' working voltage. The Acom amps allow the end-user to re-set the taps on the transformer to a lower voltage than the actual mains voltage. These transformer tap setting raises the high and filament voltages substancially, and thus amp produces more output power. Well that is, for a shorter period of tube life time of course!

5 - Just a bad tube from day one. Tube dies slowly during usage and within a few years it needs to be replaced. No special signs whatsoever. Bad luck. The amps have a very good protecting mechanism anyway.

6 - Any other missing reason...

Just my two cents on the topic. (I can see the 'flames' already hitting my inbox again...).

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: hans@...
Date: Wed, 16 Sep 2009 15:22:21 +0200
Subject: Re: [acom-list] RE: Do you really need replacement GU74B tubes

Hello Joel,

With all the safety features the Acom linears have, the tube(s) will

last for decades! Perhaps 10,000 hours of operations, or even more.

Depending of course on the way of operating your rigs and amplifier and

how you treat them. One cup of coffee could be the end...

Please don't worry about your tubes:

http://www.youtube.com/watch?v=QkBUx6Zn6mo

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Joel Kornreich schreef:

>

> I find the rush to purchase GU74B tubes very interesting for Acom owners. I think a lot of us including myself would like to ask this Acom owners list a very simple question that will clear up any real rush to obtain any placements.

>

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> Are you really going to spend another $1,000. for what possibly may be needed if ever?

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> Joel, K2QBV in New York

>

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http://clk.atdmt.com/GBL/go/171222985/direct/01/

[Non-text portions of this message have been removed]

3310. Re: [acom-list] RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 14:00:29 UTC
From: LA8AW
Topic: 3302 Message: 3310

Yes, you need replacement tubes !
Had an Acom 2000A on my desk for repair, 2 years old, barely used - only 35 hrs on the clock. 1 tube defect......
Better safe than sorry....

I had a Dentron MLA2500 back in mid 80' - the one with the 8875's. Price at that time was $500,- for a matched pair from a well know US resource.....didn't buy a spare set, as it was too expensive. Tubes said good bye, didn't manage to get hold of new/old ones.......(this was years before Internet and eBay.....) Guess who did regret that I didn't buy the spare set.......

---

73 de LA8AW - Odd-Egil

>
>

[Non-text portions of this message have been removed]

3311. Re: [acom-list] RE: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 15:34:17 UTC
From: Barry N1EU
Topic: 3302 Message: 3311

On Wed, Sep 16, 2009 at 2:00 PM, LA8AW <oddyen@...> wrote:

> Yes, you need replacement tubes !

Tubes DO fail occasionally - I had one final fail in my 2000A a week
before CQWW. I guess it's a matter of choice and beliefs, but I got a
bunch of spare finals myself.

Future price of $500 per tube is just plain ridiculous.

73,
Barry N1EU

3312. Re: 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-16 16:19:12 UTC
From: Don Kasten
Topic: 3302 Message: 3312

Why is it so desirable to have a "matched pair" of 4CX800 tubes in an Acom 2000A?

Don Kasten
N4DK

3313. Re: Do you really need replacement GU74B tubes

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-17 11:34:15 UTC
From: dickgreen03755
Topic: 3302 Message: 3313

I agree with Barry. As a serious contester, I've built a fair amount of redundancy into my station. After all, CQWW CW comes around only once a year. Losing one of my amps just before or during that contest could significantly impair my performance, possibly ruining a lot of time and/or money spent getting ready. Having a spare set of tubes makes a lot of sense.

That said, I've been running my 2000A on the original set of tubes since about 2001. I've also been running an 87A, which gets far more use in contests than the 2000A, on the original set of 3CX800s since 1995.

About 10 years ago, I had some problems with one of the tubes in my 87A and bought a spare 3CX800. It turned out to be an improperly seated tube, not a bad tube, but it's been nice to have that spare on the shelf. I sure wish I'd laid in a set of 4XC800s when they were $200-$250 for a pair! There's no way I would buy a pair at $1,000, but felt that at $550 it was an OK investment. I'm sure they'll hold their value.

73, Dick WC1M

--- In acom-list@yahoogroups.com, Barry N1EU <barry.n1eu@...> wrote:
>
> On Wed, Sep 16, 2009 at 2:00 PM, LA8AW <oddyen@...> wrote:
>
> > Yes, you need replacement tubes !
>
> Tubes DO fail occasionally - I had one final fail in my 2000A a week
> before CQWW. I guess it's a matter of choice and beliefs, but I got a
> bunch of spare finals myself.
>
> Future price of $500 per tube is just plain ridiculous.
>
> 73,
> Barry N1EU
>

3314. Re: 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-17 14:01:52 UTC
From: Andrey
Topic: 3302 Message: 3314

As with most amplifiers with multiple tubes, the tubes are working in parallel pulling their load together. If you have a pair where one of the tubes has a slightly different gain (lets say it is higher), this tube will be loaded more than the other and it is going to work harder. Btw. this is how you can detect lack of "matching" - by monitoring their individual temperature under load.
So when you have a matched pair, both tubes have the same working point and will wear out evenly.
A "matched pair" is desirable in any amplifier with multiple parallel tubes. On the other hand, it depends on the tolerance of the parametters during manufacturing - if the tubes are generally made with strict tolerance their parametters will not vary much from tube to tube and the "matching" might not be a thing for concern.
That's why is a very bad idea to have tubes made by different factories in the same amp - for instance in a 572B amp like SB-200 to have one tube made in China and the other made by Svetlana (Svetlana's 572B are with much higher gain)

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Don Kasten <n4dk@...> wrote:
>
> Why is it so desirable to have a "matched pair" of 4CX800 tubes in an
> Acom 2000A?
>
> Don Kasten
> N4DK
>

3315. Re: 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-17 16:59:29 UTC
From: halkennedy
Topic: 3302 Message: 3315

Ill play devil's advocate - all in good spirit and as a learning opportunity for all of us - me included...

First - one tube works harder than the other. True enough, but so what, as long as they are both operating within their specs?

Second - In a grid driven amp with lot's of negative feedback like a 2000A, the mismatch that appears as difference in temperature is not due to gain differences in the tubes - this get swamped out. The difference is due to a difference in cut on/off voltage. One tube is biased further into conductance, further up the load line if you prefer, but this doesn't matter either as long as neither tube is driven substantially further off during the bottom of each cycle (this is a call AB1 amp, with medium Q tank) than the other. The worse result will be some increase in 3rd and 5th order IMD, but it takes a very large unbalance to cause much IMD with a tank Q above 10 (like we have here).

73,
Hal N4GG

--- In acom-list@yahoogroups.com, "Andrey" <kotjunk@...> wrote:
>
> As with most amplifiers with multiple tubes, the tubes are working in parallel pulling their load together. If you have a pair where one of the tubes has a slightly different gain (lets say it is higher), this tube will be loaded more than the other and it is going to work harder. Btw. this is how you can detect lack of "matching" - by monitoring their individual temperature under load.
> So when you have a matched pair, both tubes have the same working point and will wear out evenly.
> A "matched pair" is desirable in any amplifier with multiple parallel tubes. On the other hand, it depends on the tolerance of the parametters during manufacturing - if the tubes are generally made with strict tolerance their parametters will not vary much from tube to tube and the "matching" might not be a thing for concern.
> That's why is a very bad idea to have tubes made by different factories in the same amp - for instance in a 572B amp like SB-200 to have one tube made in China and the other made by Svetlana (Svetlana's 572B are with much higher gain)
>
> 73
> de Andrey, AE1Z
>
> --- In acom-list@yahoogroups.com, Don Kasten <n4dk@> wrote:
> >
> > Why is it so desirable to have a "matched pair" of 4CX800 tubes in an
> > Acom 2000A?
> >
> > Don Kasten
> > N4DK
> >

>

3316. Re: [acom-list] Re: 4CX800s from Array Solutions

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-17 17:09:53 UTC
From: Paul M Dunphy
Topic: 3302 Message: 3316

At 01:59 PM 9/17/2009, you wrote:
>Ill play devil's advocate - all in good spirit and as a learning
>opportunity for all of us - me included...
>
>First - one tube works harder than the other. True enough, but so
>what, as long as they are both operating within their specs?
>
>Second - In a grid driven amp with lot's of negative feedback like a
>2000A, the mismatch that appears as difference in temperature is not
>due to gain differences in the tubes - this get swamped out. The
>difference is due to a difference in cut on/off voltage. One tube
>is biased further into conductance, further up the load line if you
>prefer, but this doesn't matter either as long as neither tube is
>driven substantially further off during the bottom of each cycle
>(this is a call AB1 amp, with medium Q tank) than the other. The
>worse result will be some increase in 3rd and 5th order IMD, but it
>takes a very large unbalance to cause much IMD with a tank Q above
>10 (like we have here).
>
>73,
>Hal N4GG

I think of it as simplistically as two resistors in
parallel. Assume they are nominally 100 ohms, with a 10%
tolerance. If you want them to carry the same current, dig around in
the box until two measure the same resistance and use that pair. It
doesn't matter if they are both 90, both 100 or both 110. You don't
want a 90 in parallel with a 110 or the 90 ohm one will have to
dissipate 20% more heat than the 110 one. That's how I think of
matching tubes in an amp.

73, Paul VE1DX

3317. Error Decoding and Excel sheet

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-18 21:18:11 UTC
From: jacksnelson2001
Topic: 3317 Message: 3317

Good afternoon all. I have a 2 yr old 1000. I have a small piece of plastic sheeting attached over the fan to keep dust out when the amp if off. It's taped on one side and flies open the minute the fan turns on. Yesterday, just a few seconds after turning the amp on, I noticed the sheeting was not moving.

There was some air, but very little. Then I noticed the error code 1APN25 000000 000600. From the manual, it seems this is happening in the Power-On cycle (yes) and that it has something to do with screen grid current. Am I interrepting this correctly, and what does it mean?

I see reference to an Excel sheet for decoding help, but didn't see it on the Acom site, but apparently it's been send to members of the list previously from what I read. I didn't see it posted in the Files sections. Can someone sent it to me?

Thanks for taking to time to read this.

Jack K5FSE
Cumming, GA

3318. serial numbers don't match...

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-19 19:40:40 UTC
From: kamarty456
Topic: 3318 Message: 3318

I get the message"serial numbers don't match" after the initial warm up time of my 2000A. Then after displaying for a few seconds the amp finishes the warm up cycle and all is working perfectly.

I have forgotten how to eliminate the error message or what has caused it.

I did send the amp to Acom for service but included the remote control unit [RCU]

Anyway, this is merely an annoyance and I'd like to remove the message

Thanks Martin KA7GKN

3319. Acom 2000A-IP 530 mA- Should be 0

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-21 14:55:26 UTC
From: LA7SL Nils "Peter"
Topic: 3319 Message: 3319

Hello !
Our Acom 2000A has a problem :
In STBY everything is OK..it wakes up as
usual. When countdown is finished it sits there
apparently OK. As soon as OPR is entered it trips
telling us IP is 530 mA-should be zero. This is without
keying/PTT and no drive.
In STBY it shows G1 is at -120V..this seems normal.
I understand it as plate voltage is applied at the end of the coundown
cycle,- this should exclude HV supply problems as it shows no problems
at this point ??
Likewise there does not appear to be any internal grid/cathode short because
the -120V keeps up nicely ?
I also thought the grid voltage stayed at blocking level until PTT was keyed ??
This should exclude problems in the opr G1 voltages ??
Is my logic wrong ??
Any ideas please ??
73 and thanks
LA7SL
Nils "Peter "

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.416 / Virus Database: 270.13.111/2386 - Release Date: 09/21/09 05:51:00

[Non-text portions of this message have been removed]

3320. Re: [acom-list] Acom 2000A-IP 530 mA- Should be 0

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-21 15:21:22 UTC
From: Bill NY9H
Topic: 3319 Message: 3320

I had similar symptom....
off to Wil & Krassy ....(the American distributor).

The Amp section was fine , the brainy part was sick.

it was a about seven Ics that came back in a bag with the AMP.

My recollection was that they were all from the various input lines
to the CPU sampling the various voltages.....

Since it was a No Charge repair.... I did not want to bother them
for too many details.

bill

At 09:55 AM 9/21/2009, you wrote:
>Hello !
>Our Acom 2000A has a problem :
>In STBY everything is OK..it wakes up as
>usual. When countdown is finished it sits there
>apparently OK. As soon as OPR is entered it trips
>telling us IP is 530 mA-should be zero. This is without
>keying/PTT and no drive.
>In STBY it shows G1 is at -120V..this seems normal.
>I understand it as plate voltage is applied at the end of the coundown
>cycle,- this should exclude HV supply problems as it shows no problems
>at this point ??
>Likewise there does not appear to be any internal grid/cathode short because
>the -120V keeps up nicely ?
>I also thought the grid voltage stayed at blocking level until PTT
>was keyed ??
>This should exclude problems in the opr G1 voltages ??
>Is my logic wrong ??
>Any ideas please ??
>73 and thanks
>LA7SL
>Nils "Peter "
> ----------
>
>
>No virus found in this outgoing message.
>Checked by AVG - www.avg.com
>Version: 8.5.416 / Virus Database: 270.13.111/2386 - Release Date:
>09/21/09 05:51:00
>
>

>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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3321. Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 17:40:31 UTC
From: kamarty456
Topic: 3288 Message: 3321

To simply close this discussion here is an update.

I have received the Marantz PMD661 digital recorder. I have it installed using the TOSLINK optical output of the Icom IC7700 via an
optical to digital S/PDIF adapter into the PMD661 digital S/pdif input. The output is analog line out routed through the audio rack.

If you recall, using the Sony MZR700 mini-disc recorder I experienced an anomaly with the 2000A electronic bias. It sounds like RFI or a RFI chirp. This was suspect to the ATRAC-3 compression.

The Marantz PMD661 does not seem to exhibit the above anomaly!

Therefore no challenges with the ACOM 2000A and all is well.

Martin KA7GKN

In acom-list@yahoogroups.com, "kamarty456" <martins160@...> wrote:
>
> Thank you Hans for your reply.
> I do have the external cooling fan and have never experienced
> cooling challenges.
>
> I keep vacillating between leaving the 2000A alone and modifying
> the electronic bias.
>
> As of right now I'm leaning more to "leave the 2000A alone"
>
> I decided to replace my Sony mini-disc recorder with a Marantz PMD661
> digital recorder. This unit although expensive has much better and newer technology compared to the Sony ATRAC-3 compression.
>
> Since my "live audio" routed through processing etc. does not exhibit and electronic bias crunches, I am more suspect of my mini-disc as it plays through the same route.
>
> I'll keep you informed to my progress
>
> Marty KA7GKN
>
>
>
>
>
>
>
>
> In acom-list@...m, Hans Remeeus <hans@> wrote:

> >
> >
> > Hello Marty,
> >
> > Quote
> >
> > The modification is made on the INTERFACE PCB and it requires to remove
> > the front panel. You should first disconnect all cables from amplifier,
> > especially the mains cord! Then remove the top cover using a Philips-2
> > screwdriver. Do not press the screws excessively in order not to push
> > any captive nut out of the chassis.
> >
> > Four M3x3 screws on bottom-front and two more on top hold the front
> > panel. The bottom four screws are with cross-recessed Philips-1 heads
> > while the two on top can be with a straight slit (flat screwdriver).
> > Unscrew four bottom screws the first and only after that - the two on top.
> >
> > After removing the front panel, you may place it near the amplifier
> > without disconnecting the power switch. Be very careful not to mixup
> > wires if you would prefer to disconnect it - the wires are labelled
> > according to the numbers printed on the switch.
> >
> > Please find the INTERFACE PCB in the right of the chassis - see the
> > attached picture Front_View.jpg. The left-bottom corner is shown in
> > details in the picture Ints_smd_EBS1.jpg. Add a 100-220nF 50V capacitor
> > to the via holes pointed with yellow arrows. The additional capacitor
> > will connect in parallel to the original 100nF in order to double to
> > tripple the time constant of the EBS delay.
> >
> > Now look at the picture Ints_smd_EBS.jpg. Add a wire jumper between the
> > via holes pointed by two yellow arrows as shown with a blue line in the
> > picture. This will connect the emitter of the transistor Q4 in order to
> > fully block the EBS operation i.e. the tubes will be operated with the
> > high-level idling current always when the PTT is pressed, whether the RF
> > drive is present or not. No additional capacitor would be needed in this
> > case.
> >
> > Unquote
> >
> > I have three photos for you. I can upload them or you can send me an e-mail.
> >
> >
> > 73,
> > Hans Remeeus (PA1HR)
> > http://www.remeeus.eu
> > Communication is about people, the rest is technology.
> >
> >
> > kamarty456 schreef:
> > >

> > >
> > > Does anyone have any details regarding the ACOM 2000A
> > > electronic bias circuit? I am looking for details on disabling it.
> > >
> > > Martin KA7GKN
> > >
> >
> >
> > _____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4395 (20090904) _____
> >
> > Het bericht is gecontroleerd door ESET NOD32 Antivirus.
> >
> > http://www.eset.com
> >
>

3322. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 19:19:32 UTC
From: Hans Remeeus
Topic: 3288 Message: 3322

Hello Martin,

Very good to read your message!

Actually I received some complaints about my audio a few years ago. All heard a very little 'ripple' in my audio. I tried everything to get rid of it, but without succes. As the ripple was just very minor I thought I had to live with it. Untill we moved to another house. Nobody heard the ripple again... Probably it just was a little bit of RF feedback from the antenna or antennafeeder.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
> To simply close this discussion here is an update.
>
> I have received the Marantz PMD661 digital recorder. I have it installed using the TOSLINK optical output of the Icom IC7700 via an
> optical to digital S/PDIF adapter into the PMD661 digital S/pdif input. The output is analog line out routed through the audio rack.
>
> If you recall, using the Sony MZR700 mini-disc recorder I experienced an anomaly with the 2000A electronic bias. It sounds like RFI or a RFI chirp. This was suspect to the ATRAC-3 compression.
>
> The Marantz PMD661 does not seem to exhibit the above anomaly!
>
> Therefore no challenges with the ACOM 2000A and all is well.
>
>
> Martin KA7GKN
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3323. Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 20:19:08 UTC
From: barbiekenw
Topic: 3323 Message: 3323

I am not tryng to be cute here, but I would like to hear from someone who has used both the Acom 2000A and the Alpha 9500.

I own an Acom 2000A for 3 years which has been very has been a pleasure to operate. I also owned an Alpha 87a for 17 years which also was super nice, repairs are expensive. I sold the 87a as it is getting a bit old. The ACOM is at another location, so I am getting a replacement for the 87a.

I intended to replace the 87a with a Alpha 9500, but I find a 6 week wait (AT LEAST you can bet), another ACOM 2000A could be shipped tomorrow. And there is a difference of $1300 -- shipping considered.

I am leaning toward another ACOM 2000A since I really do not find the differences look like $1300 to me. Perhaps the single alpha tube would be easier to replace in the future, etc. I do not need an amp that switches between 4 antennas.

If you have used/owned both please reply offline to me to discuss your evaluations.

3324. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 20:32:12 UTC
From: Howard K2HK
Topic: 3323 Message: 3324

Why off line? I think many would be interested.

Howard..K2HK

HK

> To: acom-list@yahoogroups.com
> From: barbiekenw@...
> Date: Tue, 22 Sep 2009 20:19:08 +0000
> Subject: [acom-list] Amp comparison 2000a and 9500
>
> I am not tryng to be cute here, but I would like to hear from someone who has used both the Acom 2000A and the Alpha 9500.
>
> I own an Acom 2000A for 3 years which has been very has been a pleasure to operate. I also owned an Alpha 87a for 17 years which also was super nice, repairs are expensive. I sold the 87a as it is getting a bit old. The ACOM is at another location, so I am getting a replacement for the 87a.
>
> I intended to replace the 87a with a Alpha 9500, but I find a 6 week wait (AT LEAST you can bet), another ACOM 2000A could be shipped tomorrow. And there is a difference of $1300 -- shipping considered.
>
> I am leaning toward another ACOM 2000A since I really do not find the differences look like $1300 to me. Perhaps the single alpha tube would be easier to replace in the future, etc. I do not need an amp that switches between 4 antennas.
>
> If you have used/owned both please reply offline to me to discuss your evaluations.
>
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

3325. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 21:09:16 UTC
From: Callum MØMCX
Topic: 3323 Message: 3325

Indeed, that□s healthy bandwidth. I would love to hear the differences.

Callum McCormick

Group Scout Leader

Chairman DVA

Chairman Barclay Anderson Ltd

http://www.m0mcx.co.uk/

t: 07976 631881

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Howard K2HK
Sent: 22 September 2009 21:32
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Amp comparison 2000a and 9500

Why off line? I think many would be interested.

Howard..K2HK

HK

> To: acom-list@yahoogroups.com <mailto:acom-list%40yahoogroups.com>
> From: barbiekenw@... <mailto:barbiekenw%40yahoo.com>
> Date: Tue, 22 Sep 2009 20:19:08 +0000
> Subject: [acom-list] Amp comparison 2000a and 9500
>
> I am not tryng to be cute here, but I would like to hear from someone who has used both the Acom 2000A and the Alpha 9500.
>
> I own an Acom 2000A for 3 years which has been very has been a pleasure to operate. I also owned an Alpha 87a for 17 years which also was super nice, repairs are expensive. I sold the 87a as it is getting a bit old. The ACOM is at another location, so I am getting a replacement for the 87a.
>
> I intended to replace the 87a with a Alpha 9500, but I find a 6 week wait (AT LEAST you can bet), another ACOM 2000A could be shipped tomorrow. And there is a difference of $1300 -- shipping considered.
>
> I am leaning toward another ACOM 2000A since I really do not find the differences look like $1300 to me. Perhaps the single alpha tube would be easier to replace in the future, etc. I do not need an amp that switches between 4 antennas.
>

> If you have used/owned both please reply offline to me to discuss your
evaluations.
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3326. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 21:28:39 UTC
From: Jim
Topic: 3323 Message: 3326

((((there is a difference of $1300))))))

Has the Acom 2000A went up in price??

Last I remember was $6500-6800 for the Acom

And

$10150 for the Alpha 9500

That's $3350 - $3650 difference not $1300

And that almost alone would make my decision so so easy.

73 de KE4WY Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of barbiekenw
Sent: Tuesday, September 22, 2009 4:19 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Amp comparison 2000a and 9500

I am not tryng to be cute here, but I would like to hear from someone who has used both the Acom 2000A and the Alpha 9500.

I own an Acom 2000A for 3 years which has been very has been a pleasure to operate. I also owned an Alpha 87a for 17 years which also was super nice, repairs are expensive. I sold the 87a as it is getting a bit old. The ACOM is at another location, so I am getting a replacement for the 87a.

I intended to replace the 87a with a Alpha 9500, but I find a 6 week wait (AT LEAST you can bet), another ACOM 2000A could be shipped tomorrow. And there is a difference of $1300 -- shipping considered.

I am leaning toward another ACOM 2000A since I really do not find the differences look like $1300 to me. Perhaps the single alpha tube would be easier to replace in the future, etc. I do not need an amp that switches between 4 antennas.

If you have used/owned both please reply offline to me to discuss your evaluations.

Yahoo! Groups Links

3327. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 22:01:23 UTC
From: Bill NY9H
Topic: 3323 Message: 3327

ALPHA's new owner just brought the price WAY down....

At 04:28 PM 9/22/2009, you wrote:
>(((((there is a difference of $1300)))))
>
>Has the Acom 2000A went up in price??
>
>Last I remember was $6500-6800 for the Acom
>
>And
>
>$10150 for the Alpha 9500
>
>That's $3350 - $3650 difference not $1300
>
>And that almost alone would make my decision so so easy.
>
>73 de KE4WY Jim
>
>
>
>-----Original Message-----
>From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
>Of barbiekenw
>Sent: Tuesday, September 22, 2009 4:19 PM
>To: acom-list@yahoogroups.com
>Subject: [acom-list] Amp comparison 2000a and 9500
>
>I am not tryng to be cute here, but I would like to hear from someone who
>has used both the Acom 2000A and the Alpha 9500.
>
>I own an Acom 2000A for 3 years which has been very has been a pleasure to
>operate. I also owned an Alpha 87a for 17 years which also was super nice,
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>I intended to replace the 87a with a Alpha 9500, but I find a 6 week wait
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>there is a difference of $1300 -- shipping considered.
>
>I am leaning toward another ACOM 2000A since I really do not find the
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>easier to replace in the future, etc. I do not need an amp that switches
>between 4 antennas.
>

>If you have used/owned both please reply offline to me to discuss your
>evaluations.
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3328. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-22 22:22:24 UTC
From: Jim
Topic: 3323 Message: 3328

Bill, yes, I see and even credits on earlier purchases at the higher prices.

73 de KE4WY Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of Bill NY9H
Sent: Tuesday, September 22, 2009 6:01 PM
To: acom-list@yahoogroups.com
Subject: RE: [acom-list] Amp comparison 2000a and 9500

ALPHA's new owner just brought the price WAY down....

At 04:28 PM 9/22/2009, you wrote:
>((((there is a difference of $1300))))
>
>Has the Acom 2000A went up in price??
>
>Last I remember was $6500-6800 for the Acom
>
>And
>
>$10150 for the Alpha 9500
>
>That's $3350 - $3650 difference not $1300
>
>And that almost alone would make my decision so so easy.
>
>73 de KE4WY Jim
>
>
>
>-----Original Message-----
>From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf
>Of barbiekenw
>Sent: Tuesday, September 22, 2009 4:19 PM
>To: acom-list@yahoogroups.com
>Subject: [acom-list] Amp comparison 2000a and 9500
>
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>has used both the Acom 2000A and the Alpha 9500.
>
>I own an Acom 2000A for 3 years which has been very has been a pleasure to
>operate. I also owned an Alpha 87a for 17 years which also was super
nice,

>repairs are expensive. I sold the 87a as it is getting a bit old. The
ACOM
>is at another location, so I am getting a replacement for the 87a.
>
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Yahoo! Groups Links

3329. RE: [acom-list] Amp comparison 2000a and 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 00:33:52 UTC
From: paul glassman
Topic: 3323 Message: 3329

> > i have had two 2000A's and
> > currently have a 9500. i have traded each of my
> 2000A's
> > and kept the 9500. molly and brad provide the best
> > customer service in the industry. i miss my 2000a but
> would
> > not trade my 9500. i am in the process of trying to
> locate
> > another used 2000A. 73 paul w8jn
> >
> > barbiekenw wrote:
> > >
> > >
> >   I am not tryng to be cute here, but I
> > would like to hear from someone who has used both the
> Acom
> > 2000A and the Alpha 9500.
> > > I own an Acom 2000A for 3 years which has been
> > very has been a pleasure to operate. I also owned
> an
> > Alpha 87a for 17 years which also was super nice,
> > repairs are expensive. I sold the 87a as it is
> getting
> > a bit old. The ACOM is at another location, so I am
> > getting a replacement for the 87a.
> > > I intended to replace the 87a with a Alpha 9500,
> but I
> > find a 6 week wait (AT LEAST you can bet), another
> ACOM
> > 2000A could be shipped tomorrow. And there is a
> > difference of $1300 -- shipping considered.
> > > I am leaning toward another ACOM 2000A since I
> really
> > do not find the differences look like $1300 to me.
> > Perhaps the single alpha tube would be easier to
> replace in
> > the future, etc. I do not need an amp that switches
> > between 4 antennas.
> > > If you have used/owned both please reply offline
> to me
> > to discuss your evaluations.
> > >
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3330. Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 02:17:29 UTC
From: kamarty456
Topic: 3288 Message: 3330

I did experience a similar RFI anomaly years ago and I actually tracked it down the my Alpha Delta 4 position antenna switch.
I replaced it with an ICE 6 position switch and like magic no more anomaly.

Now not to start a product war....I had the alpha Delta switch 10+ years [purchased new]and also used it with an Ameritron AL80A without any challenges.
I also had to open it up a couple of times to adjust the contacts.

In the end The switch was the cause as since its replacement I have never had any such anomaly.

Marty KA7GKN

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Hello Martin,
>
> Very good to read your message!
>
> Actually I received some complaints about my audio a few years ago. All
> heard a very little 'ripple' in my audio. I tried everything to get rid
> of it, but without succes. As the ripple was just very minor I thought I
> had to live with it. Untill we moved to another house. Nobody heard the
> ripple again... Probably it just was a little bit of RF feedback from
> the antenna or antennafeeder.
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> kamarty456 schreef:
> > To simply close this discussion here is an update.
> >
> > I have received the Marantz PMD661 digital recorder. I have it installed using the TOSLINK optical output of the Icom IC7700 via an
> > optical to digital S/PDIF adapter into the PMD661 digital S/pdif input. The output is analog line out routed through the audio rack.
> >
> > If you recall, using the Sony MZR700 mini-disc recorder I experienced an anomaly with the 2000A electronic bias. It sounds like RFI or a RFI chirp. This was suspect to the ATRAC-3 compression.
> >

> > The Marantz PMD661 does not seem to exhibit the above anomaly!
> >
> > Therefore no challenges with the ACOM 2000A and all is well.
> >
> >
> > Martin KA7GKN
> >
>
>
> _____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____
>
> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
>

3331. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 06:27:50 UTC
From: Hans Remeeus
Topic: 3288 Message: 3331

Hello Marty,

I forgot to mention that the 'ripple' was only heard during SSB transmissions with the Acom 2000A.

Switches like the Alpha Delta indeed could cause such problems like you mention. Another well known problemsource is the 90 degrees coaxial M connector; it has a small feather inside. It is to be adviced not to use those kind of connectors. Again there is a significant difference between M- and N-connectors!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

kamarty456 schreef:
> I did experience a similar RFI anomaly years ago and I actually tracked it down the my Alpha Delta 4 position antenna switch.
> I replaced it with an ICE 6 position switch and like magic no more anomaly.
>
> Now not to start a product war....I had the alpha Delta switch 10+ years [purchased new]and also used it with an Ameritron AL80A without any challenges.
> I also had to open it up a couple of times to adjust the contacts.
>
> In the end The switch was the cause as since its replacement I have never had any such anomaly.
>
> Marty KA7GKN
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3332. RE: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 07:40:40 UTC
From: Kees - pa7two
Topic: 3288 Message: 3332

FYI :

90 degree angle M connectors are available in different qualities. Pretty easy to find out which one to buy. If you move the inner pin on one side, and you do not see the inner pin moving at the other side of the connector, I bet you have a low quality one with a feather inside.

I've got brand Amphenol 90 degree M connectors, which I measured / sweeped and proofed to be very much OK up to a few 100 MHz. These are the silver type, in a clear sealed plastic bag with Black prints.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Wed, 23 Sep 2009 08:27:50 +0200
Subject: Re: [acom-list] Re: Electronic bias circuit

Hello Marty,

I forgot to mention that the 'ripple' was only heard during SSB

transmissions with the Acom 2000A.

Switches like the Alpha Delta indeed could cause such problems like you

mention. Another well known problemsource is the 90 degrees coaxial M

connector; it has a small feather inside. It is to be adviced not to use

those kind of connectors. Again there is a significant difference

between M- and N-connectors!

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

kamarty456 schreef:

> I did experience a similar RFI anomaly years ago and I actually tracked it down the my Alpha Delta 4 position antenna switch.

> I replaced it with an ICE 6 position switch and like magic no more anomaly.

>

> Now not to start a product war....I had the alpha Delta switch 10+ years [purchased new]and also used it with an Ameritron AL80A without any challenges.

> I also had to open it up a couple of times to adjust the contacts.

>

> In the end The switch was the cause as since its replacement I have never had any such anomaly.

>

> Marty KA7GKN

>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

_____
Insert movie times and more without leaving Hotmail®.
http://windowslive.com/Tutorial/Hotmail/QuickAdd?ocid=TXT_TAGLM_WL_HM_Tutorial_QuickAdd_062009

[Non-text portions of this message have been removed]

3333. Acom 2000K vs Alpha 9500

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 13:12:20 UTC
From: barbiekenw
Topic: 3333 Message: 3333

I received some replies to my email address.

Summation:
1. Early 9500 were an absolute disaster.
2. The current manual with the 9500 is still not good and has been being rewritten for a year. Whole appendix missing where things get explained.
3. Owners of new Alpha 9500s are as pleased as punch with the performance. Most all have owner multiple alphas.
4. Molly and crew try hard, but there is no backup and no cross training. Some things get ignored or forgotten. Who knows what happens with new ownership.
5. Right now Array Solutions is gearing up for the ACOM - no stock for 2 weeks - but they have plenty of HL-2.5KFX. It is unclear (to me) if they will service ACOMs out of warranty that they did not sell.

New price for Alpha 9500 is $7995, plus $200 shipping to me, $8200.
Acom 2000a is $6850 shipping included.

I would love a single 8877 amp as I am a bit afraid of ACOM tube replacement availability, but I doubt I will live long enough to need my tubes replaced (pund intended).

After considering Alpha 9500, HL-2.5KFX, and ACOM 2000A, I am getting the ACOM *.

I would love to have the instant-on of the HL-2.5K but I think it is not robust enough for RTTY contests. You just can't have everything you want! One woman at a time! *

*unless some late information changes my mind. HI

Ken

3334. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 15:40:16 UTC
From: K0DAN
Topic: 3288 Message: 3334

I too had an Alpha Delta switch some years back...it leaked RF and/or had bad isolation between the ports. Depending on freq & power level, it caused strange things to happen. I changed the coax switch to one of the older (and less pretty, and without impulse suppressors) B&W coax switches and the problems went away.

YMMV

73

Dan
K0DAN

----- Original Message -----
From: "kamarty456" <martins160@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 22, 2009 9:17 PM
Subject: [acom-list] Re: Electronic bias circuit

>I did experience a similar RFI anomaly years ago and I actually tracked it
>down the my Alpha Delta 4 position antenna switch.
> I replaced it with an ICE 6 position switch and like magic no more
> anomaly.
>
> Now not to start a product war....I had the alpha Delta switch 10+ years
> [purchased new]and also used it with an Ameritron AL80A without any
> challenges.
> I also had to open it up a couple of times to adjust the contacts.
>
> In the end The switch was the cause as since its replacement I have never
> had any such anomaly.
>
> Marty KA7GKN
>
>
> --- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>>
>>
>> Hello Martin,
>>
>> Very good to read your message!
>>
>> Actually I received some complaints about my audio a few years ago. All
>> heard a very little 'ripple' in my audio. I tried everything to get rid
>> of it, but without succes. As the ripple was just very minor I thought I
>> had to live with it. Untill we moved to another house. Nobody heard the

>> ripple again... Probably it just was a little bit of RF feedback from
>> the antenna or antennafeeder.
>>
>>
>> 73,
>> Hans Remeeus (PA1HR)
>> http://www.remeeus.eu
>> Communication is about people, the rest is technology.
>>
>>
>> kamarty456 schreef:
>> > To simply close this discussion here is an update.
>> >
>> > I have received the Marantz PMD661 digital recorder. I have it
>> > installed using the TOSLINK optical output of the Icom IC7700 via an
>> > optical to digital S/PDIF adapter into the PMD661 digital S/pdif input.
>> > The output is analog line out routed through the audio rack.
>> >
>> > If you recall, using the Sony MZR700 mini-disc recorder I experienced
>> > an anomaly with the 2000A electronic bias. It sounds like RFI or a RFI
>> > chirp. This was suspect to the ATRAC-3 compression.
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>> > The Marantz PMD661 does not seem to exhibit the above anomaly!
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>> > Therefore no challenges with the ACOM 2000A and all is well.
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>> >
>> > Martin KA7GKN
>> >
>>
>>
>> _____ Informatie van ESET NOD32 Antivirus, versie van database
>> viruskenmerken 4408 (20090908) _____
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>> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
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>> http://www.eset.com
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> Yahoo! Groups Links
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3335. Re: [acom-list] Re: Electronic bias circuit

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-23 16:33:42 UTC
From: Mel Whitten
Topic: 3288 Message: 3335

These switches have been "improved" in the last couple years, maybe that
has helped reduce problems as described herein.

Mel
K0PFX

----- Original Message -----
From: K0DAN
To: acom-list@yahoogroups.com
Sent: Wednesday, September 23, 2009 10:40 AM
Subject: Re: [acom-list] Re: Electronic bias circuit

I too had an Alpha Delta switch some years back...it leaked RF and/or had
bad isolation between the ports. Depending on freq & power level, it caused
strange things to happen. I changed the coax switch to one of the older (and
less pretty, and without impulse suppressors) B&W coax switches and the
problems went away.

YMMV

73

Dan
K0DAN

----- Original Message -----
From: "kamarty456" <martins160@...>
To: <acom-list@yahoogroups.com>
Sent: Tuesday, September 22, 2009 9:17 PM
Subject: [acom-list] Re: Electronic bias circuit

>I did experience a similar RFI anomaly years ago and I actually tracked it
>down the my Alpha Delta 4 position antenna switch.
> I replaced it with an ICE 6 position switch and like magic no more
> anomaly.
>
> Now not to start a product war....I had the alpha Delta switch 10+ years
> [purchased new]and also used it with an Ameritron AL80A without any
> challenges.
> I also had to open it up a couple of times to adjust the contacts.
>
> In the end The switch was the cause as since its replacement I have never
> had any such anomaly.
>
> Marty KA7GKN
>
>

> --- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>>
>>
>> Hello Martin,
>>
>> Very good to read your message!
>>
>> Actually I received some complaints about my audio a few years ago. All
>> heard a very little 'ripple' in my audio. I tried everything to get rid
>> of it, but without succes. As the ripple was just very minor I thought I
>> had to live with it. Untill we moved to another house. Nobody heard the
>> ripple again... Probably it just was a little bit of RF feedback from
>> the antenna or antennafeeder.
>>
>>
>> 73,
>> Hans Remeeus (PA1HR)
>> http://www.remeeus.eu
>> Communication is about people, the rest is technology.
>>
>>
>> kamarty456 schreef:
>> > To simply close this discussion here is an update.
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>> > installed using the TOSLINK optical output of the Icom IC7700 via an
>> > optical to digital S/PDIF adapter into the PMD661 digital S/pdif input.
>> > The output is analog line out routed through the audio rack.
>> >
>> > If you recall, using the Sony MZR700 mini-disc recorder I experienced
>> > an anomaly with the 2000A electronic bias. It sounds like RFI or a RFI
>> > chirp. This was suspect to the ATRAC-3 compression.
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>> > The Marantz PMD661 does not seem to exhibit the above anomaly!
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>> > Therefore no challenges with the ACOM 2000A and all is well.
>> >
>> >
>> > Martin KA7GKN
>> >
>>
>>
>> _____ Informatie van ESET NOD32 Antivirus, versie van database
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>> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>>
>> http://www.eset.com
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[Non-text portions of this message have been removed]

3336. Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 02:22:43 UTC
From: barbiekenw
Topic: 3336 Message: 3336

Does anyone have an aux fan they prefer?

3337. RE: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 10:15:04 UTC
From: Robert Naumann
Topic: 3336 Message: 3337

Ken,

Unless you are going to use the Acom 2000A at W1AW for broadcasting, you do not need the auxiliary fan.

I have had one on my Acom 2000A since I got my amp back in 1997 and the aux fan has only come on once in all of that time. It ran for a couple of minutes and shut off once the temp dropped inside the amp. I was surprised as I heard it, but didn't know what the noise was. It was about 100 degrees in the shack that day.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of barbiekenw
Sent: Wednesday, September 23, 2009 9:23 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Acom 2000a Aux Fan

Does anyone have an aux fan they prefer?

Yahoo! Groups Links

3338. Re: Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 11:50:24 UTC
From: k1zzi
Topic: 3336 Message: 3338

Ken,
I not familiar with the broadcast applications for the 2000A but if you are into RTTY contesting you need the aux fan. I installed the ACOM optional fan. That bad boy gets real hot without it. It will get up to 8 bars = 80C or 176F without it. That would make 100 degrees in the shack feel like a cool breeze. I keep the heat and noise out of the shack with it installed down in the basement. It keeps the basement warm during winter contesting months :). The aux fan is not needed for CW, SSB or even casual RTTY.

Ralph K1ZZI

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> Ken,
>
> Unless you are going to use the Acom 2000A at W1AW for broadcasting, you do
> not need the auxiliary fan.
>
> I have had one on my Acom 2000A since I got my amp back in 1997 and the aux
> fan has only come on once in all of that time. It ran for a couple of
> minutes and shut off once the temp dropped inside the amp. I was surprised
> as I heard it, but didn't know what the noise was. It was about 100 degrees
> in the shack that day.
>
> 73,
>
> Bob W5OV
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of barbiekenw
> Sent: Wednesday, September 23, 2009 9:23 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Acom 2000a Aux Fan
>
> Does anyone have an aux fan they prefer?
>
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>
> Yahoo! Groups Links
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3339. RE: [acom-list] Re: Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 11:58:35 UTC
From: Robert Naumann
Topic: 3336 Message: 3339

Ralph,

What output power level are you running when you do RTTY contesting and therefore need the fan?

-Bob

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of k1zzi
Sent: Thursday, September 24, 2009 6:50 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Acom 2000a Aux Fan

Ken,
I not familiar with the broadcast applications for the 2000A but if you are into RTTY contesting you need the aux fan. I installed the ACOM optional fan. That bad boy gets real hot without it. It will get up to 8 bars = 80C or 176F without it. That would make 100 degrees in the shack feel like a cool breeze. I keep the heat and noise out of the shack with it installed down in the basement. It keeps the basement warm during winter contesting months :). The aux fan is not needed for CW, SSB or even casual RTTY.

Ralph K1ZZI

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> Ken,
>
> Unless you are going to use the Acom 2000A at W1AW for broadcasting, you do
> not need the auxiliary fan.
>
> I have had one on my Acom 2000A since I got my amp back in 1997 and the aux
> fan has only come on once in all of that time. It ran for a couple of
> minutes and shut off once the temp dropped inside the amp. I was surprised
> as I heard it, but didn't know what the noise was. It was about 100 degrees
> in the shack that day.
>
> 73,
>
> Bob W5OV
>
>

>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf
> Of barbiekenw
> Sent: Wednesday, September 23, 2009 9:23 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Acom 2000a Aux Fan
>
> Does anyone have an aux fan they prefer?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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Yahoo! Groups Links

3340. RE: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 13:24:45 UTC
From: Maximo EA1DDO_HK1DX
Topic: 3336 Message: 3340

Hi,

I installed myself the aux fan in my Acom 2000A.
During normal use it is off, but during SSB contest it is on every a few minutes.

It is worth to install it because the fan is quite cheap (mine is roller bearings type and works at 24 VDC) and it prevents the tubes agains high temperature.

73, Maximo - EA1DDO

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf

Of barbiekenw

Sent: Wednesday, September 23, 2009 9:23 PM

To: acom-list@yahoogroups.com

Subject: [acom-list] Acom 2000a Aux Fan

Does anyone have an aux fan they prefer?

Llévate Messenger en el móvil a todas partes ¡Conéctate!
http://www.microsoft.com/spain/windowsmobile/messenger/default.mspx

[Non-text portions of this message have been removed]

3341. Re: Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 14:05:13 UTC
From: k1zzi
Topic: 3336 Message: 3341

ACOM specifies that the auxilary fan must be mounted for continuous carrier mode transmissions longer than 15 minutes. RTTY contesting meets that criteria especially when you are in Run mode. The power level I use depends on the contest, band conditions and activity etc. It's always within ACOM's 1500W PEP limit and on the average much less. You have to be careful and operate within the specified limits. Continuous carrier modes deliver maximum stress and heat. My suggestion is to follow ACOM's advice and be safe.

Ralph K1ZZI

--- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@...> wrote:
>
> Ralph,
>
> What output power level are you running when you do RTTY contesting and
> therefore need the fan?
>
> -Bob
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
> Of k1zzi
> Sent: Thursday, September 24, 2009 6:50 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Acom 2000a Aux Fan
>
> Ken,
> I not familiar with the broadcast applications for the 2000A but if you are
> into RTTY contesting you need the aux fan. I installed the ACOM optional
> fan. That bad boy gets real hot without it. It will get up to 8 bars = 80C
> or 176F without it. That would make 100 degrees in the shack feel like a
> cool breeze. I keep the heat and noise out of the shack with it installed
> down in the basement. It keeps the basement warm during winter contesting
> months :). The aux fan is not needed for CW, SSB or even casual RTTY.
>
> Ralph K1ZZI
>
> --- In acom-list@yahoogroups.com, "Robert Naumann" <W5OV@> wrote:
> >
> > Ken,
> >
> > Unless you are going to use the Acom 2000A at W1AW for broadcasting, you
> do
> > not need the auxiliary fan.
> >

> > I have had one on my Acom 2000A since I got my amp back in 1997 and the
> aux
> > fan has only come on once in all of that time. It ran for a couple of
> > minutes and shut off once the temp dropped inside the amp. I was surprised
> > as I heard it, but didn't know what the noise was. It was about 100
> degrees
> > in the shack that day.
> >
> > 73,
> >
> > Bob W5OV
> >
> >
> >
> > -----Original Message-----
> > From: acom-list@yahoogroups.com [mailto:acom-list@...m] On
> Behalf
> > Of barbiekenw
> > Sent: Wednesday, September 23, 2009 9:23 PM
> > To: acom-list@yahoogroups.com
> > Subject: [acom-list] Acom 2000a Aux Fan
> >
> > Does anyone have an aux fan they prefer?
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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3342. RE: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 17:13:16 UTC
From: Bill NY9H
Topic: 3336 Message: 3342

my fan SEEMs to be on all the time ..very slow awaiting for the
DT5 to come up again.
unless the internal fan provides enough to make the blades turn with
some torque,,,,

Hard to be down there to see if it runs fast/faster when running the
2000a ...up here.

"Out of site" ... the amp is below my feet also .... so I just went
down and stopped that fan, it sure seems to be powered all the
time....24 vdc i think
Shipped from ACOM that way ...

bill

3343. Re: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-24 19:21:43 UTC
From: Fernando EC1CT
Topic: 3336 Message: 3343

Hi,
I got the aux fan installed. It cames installed when bought the amp from VINECOM. Never heard the fan running during the year I have been using the unit. I hardly ever participate in Contest but lot of dxing with the amp on almost every minute at the radio. 95% of the time the amp is set at 1kw PEP. Never run more than 500 wts on rtty so I would say I´m very conservative. The amplifier is located in a well ventilated area (with two big blowers behind) outside the operator desk. Mine never gets more than 60º C and it ocasionally reach 70ºC during the hot summer days. In my opinion and in my particular circunstances, the aux fan is not needed. 73
EC1CT - KD0IGJ Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Maximo EA1DDO_HK1DX
To: acom-list@yahoogroups.com
Sent: Thursday, September 24, 2009 3:24 PM
Subject: RE: [acom-list] Acom 2000a Aux Fan

Hi,

I installed myself the aux fan in my Acom 2000A.
During normal use it is off, but during SSB contest it is on every a few minutes.

It is worth to install it because the fan is quite cheap (mine is roller bearings type and works at 24 VDC) and it prevents the tubes agains high temperature.

73, Maximo - EA1DDO

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf

Of barbiekenw

Sent: Wednesday, September 23, 2009 9:23 PM

To: acom-list@yahoogroups.com

Subject: [acom-list] Acom 2000a Aux Fan

Does anyone have an aux fan they prefer?

Llévate Messenger en el móvil a todas partes ¡Conéctate!
http://www.microsoft.com/spain/windowsmobile/messenger/default.mspx

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.112/2392 - Release Date: 09/24/09 05:52:00

[Non-text portions of this message have been removed]

3344. Re: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 06:00:02 UTC
From: Hans Remeeus
Topic: 3336 Message: 3344

Hello Fernando,

Thanks for your interesting information.

I run my Acom 2000A for a couple of years now. Mainly for normal/daily operations (I am leader of some nets), and a few times a year during a contest. I don't have the fan installed.

In the group I have read that the fan is not expensive, it is temperature regulated and makes hardly noise.

What could be a reason (or reasons) why we should *not* install the fan?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando EC1CT schreef:
> Hi,
> I got the aux fan installed. It cames installed when bought the amp from VINECOM. Never heard the fan running during the year I have been using the unit. I hardly ever participate in Contest but lot of dxing with the amp on almost every minute at the radio. 95% of the time the amp is set at 1kw PEP. Never run more than 500 wts on rtty so I would say I?m very conservative. The amplifier is located in a well ventilated area (with two big blowers behind) outside the operator desk. Mine never gets more than 60? C and it ocasionally reach 70?C during the hot summer days. In my opinion and in my particular circunstances, the aux fan is not needed. 73
> EC1CT - KD0IGJ Fernando
> E-mail: ec1ct@...
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3345. Re: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 06:41:53 UTC
From: Fernando EC1CT
Topic: 3336 Message: 3345

Hi Hans,
Honestly, I don´t have any reason to uninstall mine. As you stated, it´s quite cheap and temp controlled. It could be noisy but doesn´t harm and might help just in case. 73
EC1CT - KD0IGJ Fernando
E-mail: ec1ct@...

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Friday, September 25, 2009 8:00 AM
Subject: Re: [acom-list] Acom 2000a Aux Fan

Hello Fernando,

Thanks for your interesting information.

I run my Acom 2000A for a couple of years now. Mainly for normal/daily operations (I am leader of some nets), and a few times a year during a contest. I don't have the fan installed.

In the group I have read that the fan is not expensive, it is temperature regulated and makes hardly noise.

What could be a reason (or reasons) why we should *not* install the fan?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando EC1CT schreef:
> Hi,
> I got the aux fan installed. It cames installed when bought the amp from VINECOM. Never heard the fan running during the year I have been using the unit. I hardly ever participate in Contest but lot of dxing with the amp on almost every minute at the radio. 95% of the time the amp is set at 1kw PEP. Never run more than 500 wts on rtty so I would say I´m very conservative. The amplifier is located in a well ventilated area (with two big blowers behind) outside the operator desk. Mine never gets more than 60º C and it ocasionally reach 70ºC during the hot summer days. In my opinion and in my particular circunstances, the aux fan is not needed. 73
> EC1CT - KD0IGJ Fernando
> E-mail: ec1ct@esbesaya.com
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.112/2392 - Release Date: 09/24/09 05:52:00

[Non-text portions of this message have been removed]

3346. RE: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 08:24:08 UTC
From: Maximo EA1DDO_HK1DX
Topic: 3336 Message: 3346

Hi,

If (some day) you need it, and you don´t have it..... it is bad
If (some day) you need it, and you have it installed..... it is good

Fan price is cheap and it is temp controlled, so..... yourself

73, Maximo - EA1DDO

To: acom-list@yahoogroups.com
From: hans@...
Date: Fri, 25 Sep 2009 08:00:02 +0200
Subject: Re: [acom-list] Acom 2000a Aux Fan

Hello Fernando,

Thanks for your interesting information.

I run my Acom 2000A for a couple of years now. Mainly for normal/daily

operations (I am leader of some nets), and a few times a year during a

contest. I don't have the fan installed.

In the group I have read that the fan is not expensive, it is

temperature regulated and makes hardly noise.

What could be a reason (or reasons) why we should *not* install the fan?

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Fernando EC1CT schreef:

> Hi,

> I got the aux fan installed. It cames installed when bought the amp from VINECOM. Never heard the fan running during the year I have been using the unit. I hardly ever participate in Contest but lot of dxing with the amp on almost every minute at the radio. 95% of the time the amp is set at 1kw PEP. Never run more than 500 wts on rtty so I would say I´m very conservative. The amplifier is located in a well ventilated area (with two big blowers behind) outside the operator desk. Mine never gets more than 60º C and it ocasionally reach 70ºC during the hot summer days. In my opinion and in my particular circunstances, the aux fan is not needed. 73

> EC1CT - KD0IGJ Fernando

> E-mail: ec1ct@...

>

>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

_____
¿Quieres ver los mejores videos de MSN? Enciende Messenger TV
http://messengertv.msn.com/mkt/es-es/default.htm

[Non-text portions of this message have been removed]

3347. RE: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 10:36:33 UTC
From: Robert Naumann
Topic: 3336 Message: 3347

Hans,

The point is that it is not necessary in "normal" use.

If someone wants to spend the extra money, that is their decision to make of course.

I did, and as I said, I only recall one time the fan came on in 12 years of heavy usage - including RTTY contests. However - not at 1500w output RTTY - probably about 1K for RTTY is enough.

73,

Bob W5OV

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Hans Remeeus
Sent: Friday, September 25, 2009 1:00 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Acom 2000a Aux Fan

Hello Fernando,

Thanks for your interesting information.

I run my Acom 2000A for a couple of years now. Mainly for normal/daily operations (I am leader of some nets), and a few times a year during a contest. I don't have the fan installed.

In the group I have read that the fan is not expensive, it is temperature regulated and makes hardly noise.

What could be a reason (or reasons) why we should *not* install the fan?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Fernando EC1CT schreef:
> Hi,
> I got the aux fan installed. It cames installed when bought the amp from VINECOM. Never heard the fan running during the year I have been using the unit. I hardly ever participate in Contest but lot of dxing with the amp on almost every minute at the radio. 95% of the time the amp is set at 1kw PEP. Never run more than 500 wts on rtty so I would say I´m very conservative. The amplifier is located in a well ventilated area (with two big blowers

behind) outside the operator desk. Mine never gets more than 60º C and it ocasionally reach 70ºC during the hot summer days. In my opinion and in my particular circunstances, the aux fan is not needed. 73
> EC1CT - KD0IGJ Fernando
> E-mail: ec1ct@...
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

Yahoo! Groups Links

3348. Re: [acom-list] Acom 2000a Aux Fan

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 11:48:37 UTC
From: Hans Remeeus
Topic: 3336 Message: 3348

Robert, Maximo and Fernando,

Thanks for all your information and point has been taken.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Robert Naumann schreef:
> Hans,
>
> The point is that it is not necessary in "normal" use.
>
> If someone wants to spend the extra money, that is their decision to make of
> course.
>
> I did, and as I said, I only recall one time the fan came on in 12 years of
> heavy usage - including RTTY contests. However - not at 1500w output RTTY -
> probably about 1K for RTTY is enough.
>
> 73,
>
> Bob W5OV
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3349. 250 volt supply

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 16:59:21 UTC
From: barbiekenw
Topic: 3349 Message: 3349

I have 250 volts supply. May this cause my filiment voltage, or some other parm, to need closer monitoring?

3350. Re: [acom-list] 250 volt supply

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 18:41:21 UTC
From: Hans Remeeus
Topic: 3349 Message: 3350

Hello,

That depends on your Voltage setting of the transformer inside the amplifier; I hope it is 240 Volt.

What type Acom linear are you using?

E.g. when the HEATER led on the remote control of the Acom 2000A is blinking very often, then you may keep an eye on the Filament Voltage reading on the display of the RCU.

Acom told me that some higher Filament Voltage (e.g. 13,1 instead of the nominal 12,6 Volt) will less harm the tubes, than when the Filament Voltage is too low (e.g. 12 instead of 12,6 Volt).

Acom writes: "If even more severe mains voltage deviation occurs, the auto protection would trip, the red "PROT" LED will flash, and an appropriate text message will be issued on the display of the RCU". This is about the 2000A protection.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

barbiekenw schreef:
> I have 250 volts supply. May this cause my filiment voltage, or some other parm, to need closer monitoring?
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3351. When it's time to replace the tube(s)?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-25 20:36:06 UTC
From: Ger
Topic: 3351 Message: 3351

I know that this topic has been discussed several times but I have the ACOM 1000 here on the desk. It's 2 years and 4 months old now and not heavy in use. Maybe average it TX around 1000W out 15-20 minutes per week. In standby (powered on) for average 8 jours per week.
The output is the same but I have to drive it with pretty much more input compared to when it was new.
On 160 meters I need 75W drive to get 1100W out, Ia = 650mA and HV in iddle = 2736V. Gain shows 11,5dB on display.
On 40 meters I need 80W drive to get 1060W out, Ia = 680mA and HV also iddle = 2736V, Gain shows 11dB on display.
On 6 meters I need 50W drive to get 1050W out, Ia = 700mA and HV also iddle =2736V, Gain shows 13,5dB on Display.
Highest output is on 12,15,17,20 meter: 1175W but more input results in a " reduce driving" warning.
Average the gain is 1 -1,5 dB lower then before when new. Do others also see the same detoration in gain?
I have a home made PA with an Eimac 8877 for six meters and since I build that Amp in 2000, the gain and output never changed till date.
All power input and output values measured with a BIRD 43.
Is it time to exchange the GU74 or are the values I put here the same as others see?

Thanks and best 73's Ger PE1CZG

3352. Re: When it's time to replace the tube(s)?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-26 11:56:32 UTC
From: f6dex
Topic: 3351 Message: 3352

Ger

I find a loss of gain may be < 0.5dB (no more) since the amp was totally NEW. However, now gain is perfectly stable. Gain displayed by ACOM 1000 is 12dB on HF bands (40m-20m) while calculated gain with LP-100 is 11.5 dB. I consider a slight loss of gain is possible after firts hours of use ; but I am not a specialist !

Also, I consider the ACOM1000 has a maximum safety limit output of 800W (500W is the current output I use, legal limit in France). While it can support more, I think 800W preserves the tubes for a long time. Certainly 1100W is too much.

Best 73, Laurent

3353. 250 Volt supply, ACOM 2000a

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-26 14:47:54 UTC
From: barbiekenw
Topic: 3353 Message: 3353

Summarizing the offline emails betweens Hans and me,

My Acom 2000A is set up for 240V, my line voltage reads 246.6 volts.
Best is to set DEF menu MAINS VOLTAGE to HIGH.

3354. Re: [acom-list] Re: When it's time to replace the tube(s)?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-26 15:47:03 UTC
From: Hans Remeeus
Topic: 3351 Message: 3354

Hello Laurent,

800 Watt indeed is a very good and safe limit for only one 4CX800A/GU74b
in the Acom 1000.

More output, and especially above 1,000 Watt, could not only harm the
tube but also other parts of the linear amplifier, according to Acom.

Same with the Acom 2000A. Yes, it is possible to use 2,000 Watt or even
more output, but it is more safe and far more wise to stay under 1,500
Watt. If you care about your linear amplifier and the quality of your
signal...

Some people I know use the 220 (instead of 230) Volt setting on their
Acom 1000, while we have 230-235 Volt Mains in our country. They are not
quite satisfied with 1,070 Watt, but want 1,095 Watt output on 50 MHz.
On 50 MHz; ROFL!!! I am very very happy not to live nearby those people...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

f6dex schreef:
> Ger
>
> I find a loss of gain may be < 0.5dB (no more) since the amp was totally NEW. However, now gain is perfectly stable. Gain displayed by ACOM 1000 is 12dB on HF bands (40m-20m) while calculated gain with LP-100 is 11.5 dB. I consider a slight loss of gain is possible after firts hours of use ; but I am not a specialist !
>
> Also, I consider the ACOM1000 has a maximum safety limit output of 800W (500W is the current output I use, legal limit in France). While it can support more, I think 800W preserves the tubes for a long time. Certainly 1100W is too much.
>
> Best 73, Laurent
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3355. Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 02:20:46 UTC
From: barbiekenw
Topic: 3355 Message: 3355

One more question and I will stop using bandwidth for awhile.

Is the life of anything shortened by leaving the power switch on all the time, and only using the RCU. The manual says no planned use for 30 min or more, power off is a good idea.

3356. Re: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 05:36:24 UTC
From: Hans Remeeus
Topic: 3355 Message: 3356

Waist of power consumption would IMHO be the main reason for Acom's advise.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

barbiekenw schreef:
> One more question and I will stop using bandwidth for awhile.
>
> Is the life of anything shortened by leaving the power switch on all the time, and only using the RCU. The manual says no planned use for 30 min or more, power off is a good idea.
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3357. RE: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 10:45:39 UTC
From: N2TK
Topic: 3355 Message: 3357

The last time I turned off the Power switch was when I changed tubes several months ago. My thinking is that the current draw should be fairly low when the RCU is Off. And the amp is a pain to get to since it is mounted near the ceiling of my basement right below my feet in the shack.

When Acom is talking about power off, are they referring to the main power switch or just turning it off from the RCU?

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of barbiekenw
Sent: Sunday, September 27, 2009 10:21 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Power ON Continuous

One more question and I will stop using bandwidth for awhile.

Is the life of anything shortened by leaving the power switch on all the time, and only using the RCU. The manual says no planned use for 30 min or more, power off is a good idea.

[Non-text portions of this message have been removed]

3358. Re: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 13:40:24 UTC
From: David J. Strout
Topic: 3355 Message: 3358

ACOM told me long ago that the timer on the tubes
is activated from the main on/off switch, even though
the RCU is off.....so you must show many, many hours
on your tubes.

==========
David J. Strout (W2YC)

[Non-text portions of this message have been removed]

3359. RE: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 14:57:54 UTC
From: N2TK
Topic: 3355 Message: 3359

I don't believe that is correct. I have about 2K hours on these "new" tubes. They were changed earlier this year. The Power switch on the amp has not been OFF since then. So, the counter is counting only when the amp is ON, at least that is the way mine is working.

73,
N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of David J. Strout
Sent: Monday, September 28, 2009 9:40 AM
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] Power ON Continuous

ACOM told me long ago that the timer on the tubes
is activated from the main on/off switch, even though
the RCU is off.....so you must show many, many hours
on your tubes.

==========
David J. Strout (W2YC)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3360. Re: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 17:07:47 UTC
From: Hans Remeeus
Topic: 3355 Message: 3360

Indeed it is not correct.

Current measurements with my Acom 2000A:

Mains Supply = 227 Volt

Acom 2000A powered On, but RCU Power Off = 0,11 A
RCU Power On = 0,56 A

After warming up, RCU on STB = 0,81 A
RCU on OPR = 0,84 A

With 108 W RF output on 3.6 MHz = 4 A
With 400 W RF output = 5,1 A

BTW; Filament Voltage = 12,9 Volt

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

N2TK schreef:
> I don't believe that is correct. I have about 2K hours on these "new" tubes.
> They were changed earlier this year. The Power switch on the amp has not
> been OFF since then. So, the counter is counting only when the amp is ON, at
> least that is the way mine is working.
>
> 73,
> N2TK, Tony
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3361. Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 17:29:25 UTC
From: barbiekenw
Topic: 3355 Message: 3361

--- In acom-list@yahoogroups.com, Hans Remeeus <hans@...> wrote:
>
>
> Indeed it is not correct.
>
> Current measurements with my Acom 2000A:
>
> Mains Supply = 227 Volt
>
> Acom 2000A powered On, but RCU Power Off = 0,11 A
> RCU Power On = 0,56 A
>
> After warming up, RCU on STB = 0,81 A
> RCU on OPR = 0,84 A
>
> With 108 W RF output on 3.6 MHz = 4 A
> With 400 W RF output = 5,1 A
>
> BTW; Filament Voltage = 12,9 Volt
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> N2TK schreef:
> > I don't believe that is correct. I have about 2K hours on these "new" tubes.
> > They were changed earlier this year. The Power switch on the amp has not
> > been OFF since then. So, the counter is counting only when the amp is ON, at
> > least that is the way mine is working.
> >
> > 73,
> > N2TK, Tony
> >
>
>
> _____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408
(20090908) _____
>
> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
>

So, power on RCU off is like having a 25-30 watt bulb burning. Not bad.

3362. Re: [acom-list] Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 17:55:30 UTC
From: Hans Remeeus
Topic: 3355 Message: 3362

Correct.

But still a waist of the energy, if you don't use your linear.

The best thing to do is to switch your linear hardwired.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

barbiekenw schreef:
>
> So, power on RCU off is like having a 25-30 watt bulb burning. Not bad.
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3363. Re: [acom-list] Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 18:08:38 UTC
From: kg4lru@aol.com
Topic: 3355 Message: 3363

If that were the case I have 10000 hours since mine has been on since I bought it 5 years . and It dosent

Phil AI4DQ

In a message dated 9/28/2009 9:53:01 A.M. Eastern Daylight Time, djsatty@... writes:

ACOM told me long ago that the timer on the tubes
is activated from the main on/off switch, even though
the RCU is off......so you must show many, many hours
on your tubes.

==========
David J. Strout (W2YC)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3364. Re: [acom-list] Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 19:33:53 UTC
From: Mel Whitten
Topic: 3355 Message: 3364

I have "waisted" a lot of my own energy replacing rocker-type ON-OFF switches in amplifiers and linear power supplies. :-) So, I leave amp on and use ICE line voltage protection with a good low impedance ground. I -will- disconnect the amp if not in use for extended periods of time out of the shack. I believe some electronics fail after being turned "off" since they won't come back on. :-)

Mel
K0PFX

----- Original Message -----
From: Hans Remeeus
To: acom-list@yahoogroups.com
Sent: Monday, September 28, 2009 12:55 PM
Subject: Re: [acom-list] Re: Power ON Continuous

Correct.

But still a waist of the energy, if you don't use your linear.

The best thing to do is to switch your linear hardwired.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

barbiekenw schreef:
>
> So, power on RCU off is like having a 25-30 watt bulb burning. Not bad.
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

3365. Re: [acom-list] Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-28 20:13:40 UTC
From: Hans Remeeus
Topic: 3355 Message: 3365

Hello Mel,

That's a very good idea too.

When I go to work, to bed or whatever, I switch the whole shack 'off'
with a main Mains powerswitch.

BTW; the whole shack is separated from the safety earth of our house and
uses his own clean earth. Apart from this I use a big and screened 3000
VA 220/220 Volt separation transformer between the Mains and the Acom
2000A. The shack is a kind of "island" inside our house.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Mel Whitten schreef:
> I have "waisted" a lot of my own energy replacing rocker-type ON-OFF switches in amplifiers and linear power supplies. :-) So, I leave amp on and use ICE line voltage protection with a good low impedance ground. I -will- disconnect the amp if not in use for extended periods of time out of the shack. I believe some electronics fail after being turned "off" since they won't come back on. :-)
>
> Mel
> K0PFX
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 (20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3366. Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-29 03:01:08 UTC
From: kamarty456
Topic: 3355 Message: 3366

Hi Mel just a nitpicking comment ....

I have a 32inch "waist"
Standing in line is a "waste" of time

OK bad spell checker......

I use the ICE 240VAC surge protection on the 2000A. I also have their whole house surge protection unit in the circuit breaker panel box!

I turn off the main switch on the 2000A when I'm done operating for the day.

the rest of my ham station runs on 120VAC and is connected to various AC conditioning stuff..from a Furman power conditioner to a 1500VA ups system. I have a "master on/off" switch for the 120VAC run but
I still individually turn devices on/off one at a time to reduce any power up spikes.

Power up spikes and surges are often dependent upon where you live, quality of the power distribution, the integrity of your home's wiring. A common issue now a days is the loss of the neutral line or a loose neutral. That can cause havoc and even serious damage to your equipment and not just your ham gear!

Everyone should inspect their home's electrical distribution once a year...This means inspecting the circuit breakers box to even using an infrared thermometer to see if you have hidden hot spots at your outlets or inside your walls.

My home has the dreaded aluminum wiring!!!! We have pigtailed and nolaxed all and installed new outlets, switches, and lamp fixtures! I have found over the years hot boxes..and circuit breakers that were running hot and almost failed..all of course have been repaired/replaced!

This past December we had a loose neutral behind the electric meter...
This presented a serious imbalance throughout the house!

The reason for this rant is to encourage the amateur operators to respect AC power and ensure it's safe not just for your station but the entire home. A properly operating AC distribution system will also reduce AC RFI challenges

Martin KA7GKN

--- In acom-list@yahoogroups.com, "Mel Whitten" <mel@...> wrote:
>
> I have "waisted" a lot of my own energy replacing rocker-type ON-OFF switches in amplifiers and linear power supplies. :-) So, I leave amp on and use ICE line voltage protection with a good low impedance ground. I -will- disconnect the amp if not in use for extended periods of time out of the shack. I believe some electronics fail after being turned "off" since they won't come back on. :-)
>

> Mel
> K0PFX
>

3367. Re: alc / spikes/ Yaesu rigs

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-29 03:13:38 UTC
From: n4jdu
Topic: 2993 Message: 3367

--- In acom-list@yahoogroups.com, paul glassman <highschooldiving@...> wrote:
>
> I want to use my 2000a with my yaesu 9000mp. output is 400 watts. what are the voltage parameters for the alc and why does the user manual indicate that they recommend against using the alc.
> thanks paul w8jn
>
> Quantum materiae materietur marmota monax
> si marmota monax materiam possit materiari?
>
It is my understanding that the in-rush current from the rig, even when the rf is turned down, may be causing the amp to fault. yaesu should have experience in this area. What was your final outcome?

jeff, N4jdu

3368. Re: [acom-list] Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-29 03:34:03 UTC
From: Mel Whitten
Topic: 3355 Message: 3368

HI Martin,

My "waisted" was in jest with Hans "waist". :-)

Sounds like you have made a concentrated effort
to have clean power which is a good.

Mel

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Monday, September 28, 2009 10:01 PM
Subject: [acom-list] Re: Power ON Continuous

Hi Mel just a nitpicking comment ....

I have a 32inch "waist"
Standing in line is a "waste" of time

OK bad spell checker......

I use the ICE 240VAC surge protection on the 2000A. I also have their whole house surge protection unit in the circuit breaker panel box!

I turn off the main switch on the 2000A when I'm done operating for the day.

the rest of my ham station runs on 120VAC and is connected to various AC conditioning stuff..from a Furman power conditioner to a 1500VA ups system. I have a "master on/off" switch for the 120VAC run but
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Power up spikes and surges are often dependent upon where you live, quality of the power distribution, the integrity of your home's wiring. A common issue now a days is the loss of the neutral line or a loose neutral. That can cause havoc and even serious damage to your equipment and not just your ham gear!

Everyone should inspect their home's electrical distribution once a year...This means inspecting the circuit breakers box to even using an infrared thermometer to see if you have hidden hot spots at your outlets or inside your walls.

My home has the dreaded aluminum wiring!!!! We have pigtailed and nolaxed all and installed new outlets, switches, and lamp fixtures! I have found over the years hot boxes..and circuit breakers that were running hot and almost failed..all of course have been repaired/replaced!

This past December we had a loose neutral behind the electric meter...
This presented a serious imbalance throughout the house!

The reason for this rant is to encourage the amateur operators to respect AC power and ensure it's safe not just for your station but the entire home. A properly operating AC distribution system will also reduce AC RFI challenges

Martin KA7GKN

--- In acom-list@yahoogroups.com, "Mel Whitten" <mel@...> wrote:
>
> I have "waisted" a lot of my own energy replacing rocker-type ON-OFF switches in amplifiers and linear power supplies. :-) So, I leave amp on and use ICE line voltage protection with a good low impedance ground. I -will- disconnect the amp if not in use for extended periods of time out of the shack. I believe some electronics fail after being turned "off" since they won't come back on. :-)
>
> Mel
> K0PFX
>

[Non-text portions of this message have been removed]

3369. Re: Power ON Continuous

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-29 03:57:14 UTC
From: kamarty456
Topic: 3355 Message: 3369

got it!

Marty ka7gkn

In acom-list@yahoogroups.com, "Mel Whitten" <mel@...> wrote:
>
> HI Martin,
>
> My "waisted" was in jest with Hans "waist". :-)
>
> Sounds like you have made a concentrated effort
> to have clean power which is a good.
>
> Mel
>
>
> ----- Original Message -----
> From: kamarty456
> To: acom-list@yahoogroups.com
> Sent: Monday, September 28, 2009 10:01 PM
> Subject: [acom-list] Re: Power ON Continuous
>
>
> Hi Mel just a nitpicking comment ....
>
> I have a 32inch "waist"
> Standing in line is a "waste" of time
>
> OK bad spell checker......
>
> I use the ICE 240VAC surge protection on the 2000A. I also have their whole house surge protection unit in the circuit breaker panel box!
>
> I turn off the main switch on the 2000A when I'm done operating for the day.
>
> the rest of my ham station runs on 120VAC and is connected to various AC conditioning stuff..from a Furman power conditioner to a 1500VA ups system. I have a "master on/off" switch for the 120VAC run but
> I still individually turn devices on/off one at a time to reduce any power up spikes.
>
> Power up spikes and surges are often dependent upon where you live, quality of the power distribution, the integrity of your home's wiring. A common issue now a days is the loss of the neutral line or a loose neutral. That can cause havoc and even serious damage to your equipment and not just your ham gear!
>

> Everyone should inspect their home's electrical distribution once a year...This means inspecting the circuit breakers box to even using an infrared thermometer to see if you have hidden hot spots at your outlets or inside your walls.
>
> My home has the dreaded aluminum wiring!!!! We have pigtailed and nolaxed all and installed new outlets, switches, and lamp fixtures! I have found over the years hot boxes..and circuit breakers that were running hot and almost failed..all of course have been repaired/replaced!
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>
> Martin KA7GKN
>
> --- In acom-list@yahoogroups.com, "Mel Whitten" <mel@> wrote:
> >
> > I have "waisted" a lot of my own energy replacing rocker-type ON-OFF switches in amplifiers and linear power supplies. :-) So, I leave amp on and use ICE line voltage protection with a good low impedance ground. I -will- disconnect the amp if not in use for extended periods of time out of the shack. I believe some electronics fail after being turned "off" since they won't come back on. :-)
> >
> > Mel
> > K0PFX
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

3370. How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 11:50:34 UTC
From: Ger
Topic: 3370 Message: 3370

My previous post regarding the condition of the tube in my ACOM 1000 did not result in many answers. I did ask Stan from the ACOM factory in Bulgaria and I uploaded the document received describing tressholds and Tube regime parameters for the ACOM 1000. Also I uploaded a document describing in very detail how to safely remove the covers.

Have fun. 73's Ger PE1CZG

3371. Re: How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 12:27:45 UTC
From: pa7two
Topic: 3370 Message: 3371

Hi Ger,

I wrote you an e-mail to your personal e-mail few days ago?

Anyways, thanks for sharing this valuable information with us.

Based on this info, what you think yourself what the condition of your current tube is like?

Vy 73, de Kees

--- In acom-list@yahoogroups.com, "Ger" <ghoogendijk@...> wrote:
>
> My previous post regarding the condition of the tube in my ACOM 1000 did not result in many answers. I did ask Stan from the ACOM factory in Bulgaria and I uploaded the document received describing tressholds and Tube regime parameters for the ACOM 1000. Also I uploaded a document describing in very detail how to safely remove the covers.
>
> Have fun. 73's Ger PE1CZG
>

3372. Re: [acom-list] How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 12:30:55 UTC
From: Brian Alsop
Topic: 3370 Message: 3372

Ger,
Pardon my ignorance. Where were these uploaded to?
73 de Brian/K3KO

Ger wrote:
> I did ask Stan from the ACOM factory in Bulgaria and I uploaded the
> document received describing tressholds and Tube regime parameters
> for the ACOM 1000. Also I uploaded a document describing in very
> detail how to safely remove the covers.
>
> Have fun. 73's Ger PE1CZG
>

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.115/2404 - Release Date: 09/30/09 05:52:00

[Non-text portions of this message have been removed]

3373. Re: How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 13:20:17 UTC
From: N1EU
Topic: 3370 Message: 3373

--- In acom-list@yahoogroups.com, Brian Alsop <alsopb@...> wrote:

> Pardon my ignorance. Where were these uploaded to?

http://groups.yahoo.com/group/acom-list/files/

73,
Barry N1EU

3374. Re: How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 14:26:34 UTC
From: Ger
Topic: 3370 Message: 3374

Kees,

Yes, thanks for that. I did not found the time to response.
Anyway here is the answer:

Quote
Hello Ger,

I think that the tube is only slightly exhausted but still good. Just to be sure, please repeat only the test (3) with the minimum possible drive power from the transceiver (i.e. with the RF PWR knob fully c.c.w.) and give me the results again.

73 Stan LZ1IU
Sofia, 30 September 2009
Unquote

--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
>
> Hi Ger,
>
> I wrote you an e-mail to your personal e-mail few days ago?
>
> Anyways, thanks for sharing this valuable information with us.
>
> Based on this info, what you think yourself what the condition of your current tube is like?
>
> Vy 73, de Kees
>
>
> --- In acom-list@yahoogroups.com, "Ger" <ghoogendijk@> wrote:
> >
> > My previous post regarding the condition of the tube in my ACOM 1000 did not result in many answers. I did ask Stan from the ACOM factory in Bulgaria and I uploaded the document received describing tressholds and Tube regime parameters for the ACOM 1000. Also I uploaded a document describing in very detail how to safely remove the covers.
> >
> > Have fun. 73's Ger PE1CZG
> >
>

3375. RE: [acom-list] Re: How healthy is my GU74B?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-09-30 14:52:42 UTC
From: Kees - pa7two
Topic: 3370 Message: 3375

Hi Ger,

:-)

This is to measure the anode idling current that flows with 5 watts input (should be around 220ma).

If you need to adjust this value, here is the procedure:

Use a small-size, flat-tip, insulated
screwdriver for next

adjustments. On the MAINS PCB, find the two trimmer potentiometers

RP1 and RP2 (marked "BIAS1" and "BIAS2"). They control the
idling

(zero-signal) plate current of the tubes for low- and high- RF-drive

levels respectively.

Please note that RP2 will affect both idling levels, while RP1 - only

the low level. That is why, the high level is adjusted the first, and

only then is set the low level (according to the procedure described below).

b) Select the "Plate Current" information screen on the LCD. Go to

the OPER mode. Apply very small drive power in CW mode (1...5W).

Following the plate current, adjust R2 (BIAS2) to reach 220mA

(200...240 is OK); CCW rotation will increase the current. Don't

exceed 15 seconds with the PTT on. If you need more, repeat the

adjustment 1-2 minutes later.

c) Do not apply any drive during the adjustment of R1 (BIAS1). Select

SSB mode, with the MIC and OUTPUT regulators on the exciter set to minimum.

While monitoring the plate current, adjust R1 (BIAS1) to set the

plate current to 70mA (60...80 is OK); CW rotation will increase the

current. This adjustment does not affect the previous step.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: ghoogendijk@...
Date: Wed, 30 Sep 2009 14:26:34 +0000
Subject: [acom-list] Re: How healthy is my GU74B?

Kees,

Yes, thanks for that. I did not found the time to response.

Anyway here is the answer:

Quote

Hello Ger,

I think that the tube is only slightly exhausted but still good. Just to be sure, please repeat only the test (3) with the minimum possible drive power from the transceiver (i.e. with the RF PWR knob fully c.c.w.) and give me the results again.

73 Stan LZ1IU

Sofia, 30 September 2009

Unquote

--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:

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>

> Hi Ger,

>

> I wrote you an e-mail to your personal e-mail few days ago?

>

> Anyways, thanks for sharing this valuable information with us.

>

> Based on this info, what you think yourself what the condition of your current tube is like?

>

> Vy 73, de Kees

>

>

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> >

> > Have fun. 73's Ger PE1CZG

> >

>

_____
Bing? brings you maps, menus, and reviews organized in one place. Try it now.
http://www.bing.com/search?q=restaurants&form=MLOGEN&publ=WLHMTAG&crea=TEXT_MLOGEN_Core_tagline_local_1x1

[Non-text portions of this message have been removed]

3376. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-01 13:43:24 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 3376

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /Early ACOM2000A LV Connnetor access.txt
Uploaded by : sam_w4pk <w4pk@...>
Description : Early 2000A Procedure for accessing power supply filament connectors

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/Early%20ACOM2000A%20LV%20Connnetor%20access.
txt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

sam_w4pk <w4pk@...>

3378. 4 degrees difference - Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 07:40:10 UTC
From: Callum MØMCX
Topic: 3378 Message: 3378

I have noticed that I have 4 degrees of difference between Front and Back tubes. It was 2 degrees last year.

I assume one of them is starting to fail, is this how I should be interpreting this data?

Regards,

Callum McCormick

<http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/

t: 07976 631881

[Non-text portions of this message have been removed]

3379. Re: [acom-list] 4 degrees difference - Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 11:20:02 UTC
From: Thomas Herrmann
Topic: 3378 Message: 3379

Callum,
as far as the temperature difference indicates different work to do for the 2 tubes, there will be an decrease of modulation quality (audio). Ask Your QSO-partners about Your modulation. If it is ok, You don't need to replace the tubes.

73 de Thomas, DL1AMQ

> -----Ursprüngliche Nachricht-----
> Von: "Callum MØMCX" <callum@...>
> Gesendet: 05.10.09 09:41:24
> An: <acom-list@yahoogroups.com>
> Betreff: [acom-list] 4 degrees difference - Acom 2000

> I have noticed that I have 4 degrees of difference between Front and
> Back
> tubes. It was 2 degrees last year.
>
> I assume one of them is starting to fail, is this how I should be
> interpreting this data?
>
> Regards,
>
> Callum McCormick
>
> <http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> [Non-text portions of this message have been removed]
>
>

Neu: WEB.DE Doppel-FLAT mit Internet-Flatrate + Telefon-Flatrate
für nur 19,99 Euro/mtl.!* http://produkte.web.de/go/02/

3380. Re: [acom-list] 4 degrees difference - Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 12:29:37 UTC
From: Barry N1EU
Topic: 3378 Message: 3380

4 degree difference is nothing to worry about.

73,
Barry N1EU

On Mon, Oct 5, 2009 at 7:40 AM, Callum MØMCX <callum@...>wrote:

>
>
> I have noticed that I have 4 degrees of difference between Front and Back
> tubes. It was 2 degrees last year.
>
> I assume one of them is starting to fail, is this how I should be
> interpreting this data?
>
> Regards,
>
> Callum McCormick
>
> <http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

3381. RE: [acom-list] 4 degrees difference - Acom 2000

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 15:23:42 UTC
From: Callum MØMCX
Topic: 3378 Message: 3381

A kind reader of this list suggesting swapping the tubes over, after checking the air-flow first.

I think this seems to be a good idea since nobody has mentioned audio quality as a factor (actually, the reverse).

Comments?

Callum McCormick

http://www.m0mcx.co.uk/

t: 07976 631881

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of Barry N1EU
Sent: 05 October 2009 13:30
To: acom-list@yahoogroups.com
Subject: Re: [acom-list] 4 degrees difference - Acom 2000

4 degree difference is nothing to worry about.

73,
Barry N1EU

On Mon, Oct 5, 2009 at 7:40 AM, Callum MØMCX <callum@...
<mailto:callum%40mccormick.uk.com> >wrote:

>
>
> I have noticed that I have 4 degrees of difference between Front and Back
> tubes. It was 2 degrees last year.
>
> I assume one of them is starting to fail, is this how I should be
> interpreting this data?
>
> Regards,
>
> Callum McCormick
>
> <http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/
>
> t: 07976 631881
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3382. Heater Voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 16:18:52 UTC
From: marcelo@alternex.com.br
Topic: 3378 Message: 3382

Hello
I am getting a fault signal at start-up of my A2000, saying the heater voltage is too low (around 9.8 v). If I retry enough times the amp will eventually start.
I checked the mains voltage, and it is a bit low, measuring 211V
Could the low mains voltage be the cause, or is this fault located somewhere else?
Mine is an early model, and in the past I have already replaced the infamous molex connector that used to be the cause of low filament voltage.
Thanks
Marcelo, PY1KN

[Non-text portions of this message have been removed]

3383. Re: [acom-list] Heater Voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-05 18:41:04 UTC
From: Hans Remeeus
Topic: 3378 Message: 3383

Hello Marcelo,

What is the setting of your Mains Voltage behind the HV-transformer of
your Acom 2000A?

If it is 220 Volt and your mains is 211 Volt, than this could be the
reason of your very very low filament Voltage. Better use the 200 Volt tap!

Such a low filament Voltage could damage your tubes.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

marcelo@... schreef:
>
> Hello
> I am getting a fault signal at start-up of my A2000, saying the heater voltage is too
> low (around 9.8 v). If I retry enough times the amp will eventually start.
> I checked the mains voltage, and it is a bit low, measuring 211V
> Could the low mains voltage be the cause, or is this fault located somewhere else?
> Mine is an early model, and in the past I have already replaced the infamous
> molex connector that used to be the cause of low filament voltage.
> Thanks
> Marcelo, PY1KN
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408
(20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3384. Re: [acom-list] Heater Voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-06 00:27:11 UTC
From: Dennis Vernacchia
Topic: 3378 Message: 3384

Low Mains could be cause and also on early year model ACOM 2000 amps
there was an issue with a connector used in the filament circuit where
the connector burned out, this connector is on teh Low Voltage board
and ACOM has a replacement connector or better yet, remove the connector
and
just solder the wire leads to the PC Board and ELIMINATE the problem
connector !

73, Dennis N6KI

On Mon, Oct 5, 2009 at 9:18 AM, <marcelo@...> wrote:

>
>
>
>
> Hello
> I am getting a fault signal at start-up of my A2000, saying the heater
> voltage is too
> low (around 9.8 v). If I retry enough times the amp will eventually start.
> I checked the mains voltage, and it is a bit low, measuring 211V
> Could the low mains voltage be the cause, or is this fault located
> somewhere else?
> Mine is an early model, and in the past I have already replaced the
> infamous
> molex connector that used to be the cause of low filament voltage.
> Thanks
> Marcelo, PY1KN
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

3385. Heater Light

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-06 20:21:59 UTC
From: barbiekenw
Topic: 3385 Message: 3385

My reading of the doccument that discusses faults and A2k protection leads to this conclusion:
1. Set tap so it is as close as possible, but lower than, mains voltage.
2. If mains is always higher, go to DEF and change the parameter to indicate Mains is always higher.
3. When mains gets too high, it then causes the heater light on RCU to start to blink now and again. That will be 12 volts or so over the tap setting. This is minor.
4. When the mains is too low, it causes the heater light to turn on solid and shut down the amplifier. This is a more serious and undesireable situation.

Ken K5WK

3386. Re: [acom-list] Heater Voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-08 14:17:44 UTC
From: marcelo@alternex.com.br
Topic: 3378 Message: 3386

Hello Hans
Thank you for the reply.
I'll open the amplifier this weekend, but I believe it is set for 220V. My doubt is if this difference (211 vs. 220V) can be enough for such big difference in the filament voltage. (9.8 or less vs. 12V)
I contacted ACOM and they suggested me to take a look, since there are two other connectors in the filament heating circuit. My amplifier is 1999 production.
Marcelo, PY1KN

> > Hello Marcelo, > > What is the setting of your Mains Voltage behind the HV-transformer of > your Acom 2000A? > > If it is 220 Volt and your mains is 211 Volt, than this could be the > reason of your very very low filament Voltage. Better use the 200 Volt tap! > > Such a low filament Voltage could damage your tubes. > > > 73, > Hans Remeeus (PA1HR) > http://www.remeeus.eu > Communication is about people, the rest is technology. > > > marcelo@... schreef: >> >> Hello >> I am getting a fault signal at start-up of my A2000, saying the heater voltage is too >> low (around 9.8 v). If I retry enough times the amp will eventually start. >> I checked the mains voltage, and it is a bit low, measuring 211V >> Could the low mains voltage be the cause, or is this fault located somewhere else? >> Mine is an early model, and in the past I have already replaced the infamous >> molex connector that used to be the cause of low filament voltage. >> Thanks >> Marcelo, PY1KN >> >> > > > _____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408 > (20090908) _____ > > Het bericht is gecontroleerd door ESET NOD32 Antivirus. > > http://www.eset.com > > >

[Non-text portions of this message have been removed]

3387. Re: [acom-list] Heater Voltage

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-08 15:57:43 UTC
From: Hans Remeeus
Topic: 3378 Message: 3387

Hello Marcelo,

I would try the 210 Volt tap and then check the filament Voltage again.

You can try the DEF parameter setting on the RCU afterwards and check
the Voltage again.

When the Voltage still is too low, then there probably something is
wrong with the PSU.

Take a good look at the filament circuit of the PSU. Perhaps you'll
notice some abnormity.

The difference is very big indeed. Please be careful, because such a low
Voltage really can harm your tubes.

What is the Serial# of your 2000A?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

marcelo@... schreef:
>
> Hello Hans
> Thank you for the reply.
> I'll open the amplifier this weekend, but I believe it is set for 220V. My
> doubt is if this difference (211 vs. 220V) can be enough for such big
> difference in the filament voltage. (9.8 or less vs. 12V)
> I contacted ACOM and they suggested me to take a look, since there are two other
> connectors in the filament heating circuit. My amplifier is 1999 production.
> Marcelo, PY1KN
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4408
(20090908) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3388. Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-15 17:55:43 UTC
From: it9blb
Topic: 2542 Message: 3388

Some days ago I had the same bad news on my display... :-((
When I try to switch to OPERATE the amplifier shuts down.
Any suggestion for a step-by-step way to fix it?
CQWW SSB is just on the back of the door.

73,
Joe, IT9BLB

--- In acom-list@yahoogroups.com, "f5nbu.hamradio" <f5nbu@...> wrote:
>
> hello
> In RX i had yesterday and today default (G2 too low voltage 012V)
> manual for this troubleshooting is not well explained.
> You have more information on this default.
> best 73
> Yann - F5NBU
>

3389. RE: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-16 14:22:32 UTC
From: Hal Kennedy
Topic: 2542 Message: 3389

Likely a tube. Try replacing them one at a time. This is the common fault for the common intermittent grid short that develops in these tubes over time..it could, of course, something else. I forget what error code the "bad C2" problem causes.???

Hal
N4GG

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of it9blb
Sent: Thursday, October 15, 2009 1:56 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Some days ago I had the same bad news on my display... :-((
When I try to switch to OPERATE the amplifier shuts down.
Any suggestion for a step-by-step way to fix it?
CQWW SSB is just on the back of the door.

73,
Joe, IT9BLB

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, "f5nbu.hamradio" <f5nbu@...> wrote:
>
> hello
> In RX i had yesterday and today default (G2 too low voltage 012V)
> manual for this troubleshooting is not well explained.
> You have more information on this default.
> best 73
> Yann - F5NBU
>

[Non-text portions of this message have been removed]

3390. Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-17 17:30:02 UTC
From: it9blb
Topic: 2542 Message: 3390

Hi Hal,
TNX for your suggestion: I just finished the test. I pulled the tube from a perfectly running ACOM 1000 and I replaced alternatively the two tubes on my 2000A. The result was that there isn't a tube fault!
I also tested both 2000A's tubes on the 1000 and they gave the full output without any trouble.
Any help more ??

Joe, IT9BLB

--- In acom-list@yahoogroups.com, "Hal Kennedy" <halken@...> wrote:
>
> Likely a tube. Try replacing them one at a time. This is the common
> fault for the common intermittent grid short that develops in these
> tubes over time..it could, of course, something else. I forget what
> error code the "bad C2" problem causes.???
>
> Hal
> N4GG
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf Of it9blb
> Sent: Thursday, October 15, 2009 1:56 PM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V
>
>
>
>
> Some days ago I had the same bad news on my display... :-((
> When I try to switch to OPERATE the amplifier shuts down.
> Any suggestion for a step-by-step way to fix it?
> CQWW SSB is just on the back of the door.
>
> 73,
> Joe, IT9BLB
>
> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
> "f5nbu.hamradio" <f5nbu@> wrote:
> >
> > hello
> > In RX i had yesterday and today default (G2 too low voltage 012V)
> > manual for this troubleshooting is not well explained.

> > You have more information on this default.
> > best 73
> > Yann - F5NBU
> >
>
>
>
> [Non-text portions of this message have been removed]
>

3391. RE: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-17 18:38:12 UTC
From: Hal Kennedy
Topic: 2542 Message: 3391

Hi Joe,

The next best guess is a bad C2 on the lower power supply board stack. These capacitors are known to fail. I have pasted below one of the emails from the archives.

My dear friends,

I bring tidings of great joy! K3PP's Acom 2000A is back on the air! The BIAS TOO LOW message was the result of a failed electrolytic capacitor (the infamous C2) on the low voltage power supply board. Thanks a 1.0E+06 to Stan at Acom and a whole bunch of you for the help!

The capacitor is a 47uF 250v part. I purchased a fistful from Mouser (part number 75-517D476M250EK6AE3). They were cheap at US$1.72 a piece. I have several here, so if you have the BIAS TOO LOW error caused by C2, let me know and I'll send you one at no charge (while supplies last! HI). Please do not request one as your own spare just in case you "might" have the failure. Please confirm the blown capacitor before requesting one.

The low voltage board is the bottom board in the stack next to the big transformer. It's a bit of a pain to get to it, but feasible with a little patience and care. If you have the C2 failure, it should be noticeable with the naked eye right away. My capacitor had a big bubble protruding from between the leads. There was no doubt it was fried. If you replace yours, remember it's an electrolytic. Polarity matters! Many of us learned this from experience ("experience" is just a euphemism for having made enough mistakes to hopefully learn from them!).

Here are links to photos (courtesy of Stan at Acom). I will try to take a photo of the blown capacitor too. We should probably put them on the Acom list web site with the other photos.

The stack of power supply boards:
http://k3pp.com/Station/Acom2000A/HV
<http://k3pp.com/Station/Acom2000A/HV&LV_Stack.jpg> &LV_Stack.jpg

The low voltage board showing the location of C2:
http://k3pp.com/Station/Acom2000A/LV_Bias1.jpg

I also purchased a pair of NOS GU74b tubes from Vine Antennas. It turns out that wasn't the problem, but at least I now have the spare set ready to go if I need them. Ron GW3YDX of Vine is a GREAT guy!
----------snip----------

VY 73 ... and to all a good night!
de Glenn K3PP

73
Hal
N4GG

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
Behalf Of it9blb
Sent: Saturday, October 17, 2009 1:30 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Hi Hal,
TNX for your suggestion: I just finished the test. I pulled the tube
from a perfectly running ACOM 1000 and I replaced alternatively the two
tubes on my 2000A. The result was that there isn't a tube fault!
I also tested both 2000A's tubes on the 1000 and they gave the full
output without any trouble.
Any help more ??

Joe, IT9BLB

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
"Hal Kennedy" <halken@...> wrote:
>
> Likely a tube. Try replacing them one at a time. This is the common
> fault for the common intermittent grid short that develops in these
> tubes over time..it could, of course, something else. I forget what
> error code the "bad C2" problem causes.???
>
> Hal
> N4GG
>
>
> -----Original Message-----
> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
[mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com]
On
> Behalf Of it9blb
> Sent: Thursday, October 15, 2009 1:56 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V
>
>
>
>
> Some days ago I had the same bad news on my display... :-((
> When I try to switch to OPERATE the amplifier shuts down.
> Any suggestion for a step-by-step way to fix it?
> CQWW SSB is just on the back of the door.

>
> 73,
> Joe, IT9BLB
>
> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com>
ps.com,
> "f5nbu.hamradio" <f5nbu@> wrote:
> >
> > hello
> > In RX i had yesterday and today default (G2 too low voltage 012V)
> > manual for this troubleshooting is not well explained.
> > You have more information on this default.
> > best 73
> > Yann - F5NBU
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3392. RE: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-17 23:08:06 UTC
From: N2TK
Topic: 2542 Message: 3392

If anyone finds out what causes this, please let us all know. Every once in a while I will get the same symptom with my 2000a. It never happens when the 2000a is running. Hit POWER ON and then it starts fine. Tried changing the tubes. No difference.

It is a very infrequent problem for me.

N2TK, Tony

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of it9blb
Sent: Saturday, October 17, 2009 1:30 PM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Hi Hal,
TNX for your suggestion: I just finished the test. I pulled the tube from a perfectly running ACOM 1000 and I replaced alternatively the two tubes on my 2000A. The result was that there isn't a tube fault!
I also tested both 2000A's tubes on the 1000 and they gave the full output without any trouble.
Any help more ??

Joe, IT9BLB

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, "Hal Kennedy" <halken@...> wrote:
>
> Likely a tube. Try replacing them one at a time. This is the common
> fault for the common intermittent grid short that develops in these
> tubes over time..it could, of course, something else. I forget what
> error code the "bad C2" problem causes.???
>
> Hal
> N4GG
>
>
> -----Original Message-----
> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On
> Behalf Of it9blb
> Sent: Thursday, October 15, 2009 1:56 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V
>

>
>
>
> Some days ago I had the same bad news on my display... :-((
> When I try to switch to OPERATE the amplifier shuts down.
> Any suggestion for a step-by-step way to fix it?
> CQWW SSB is just on the back of the door.
>
> 73,
> Joe, IT9BLB
>
> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
> "f5nbu.hamradio" <f5nbu@> wrote:
> >
> > hello
> > In RX i had yesterday and today default (G2 too low voltage 012V)
> > manual for this troubleshooting is not well explained.
> > You have more information on this default.
> > best 73
> > Yann - F5NBU
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

3393. Re: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-18 23:51:58 UTC
From: Lew Sayre
Topic: 2542 Message: 3393

HI,
Yesterday while working the K4M guys running about 1 KW the rig bounced out to standby. When I went back to operate then the famous G2-Low Voltage 000v displayed and the rig turned itself off. I let it set for 30 minutes and tried again. I got exactly Joe's response when the 2000A turned itself off again after warm up. I replaced the 2 tubes with the spare set I got...same result. I plan on replacing the original tubes in it and then asking the ACOM folks for guidance. I'll try and see if I can get down to the low voltage board and see if C2 looks funny or tests weird in the meantime
I'm fairly disappointed as this amp was bought new less than 2 months ago and I've done everything as suggested by ACOM. I was really excited to try it out and see how much I could stress it during the upcoming CQWW-SSB contest.
Outside of a bad varistor you can get at from the bottom ,the C2 and a bad tube or two is there any other known reasons for the Low G2 voltage that anybody is aware of?
73 and I remain,
Lew W7EW/W7AT---- Original Message -----
From: N2TK<mailto:tony.kaz@...>
To: acom-list@yahoogroups.com<mailto:acom-list@yahoogroups.com>
Sent: Saturday, October 17, 2009 4:08 PM
Subject: RE: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

If anyone finds out what causes this, please let us all know. Every once in a while I will get the same symptom with my 2000a. It never happens when the 2000a is running. Hit POWER ON and then it starts fine. Tried changing the tubes. No difference.

It is a very infrequent problem for me.

N2TK, Tony

From: acom-list@yahoogroups.com<mailto:acom-list%40yahoogroups.com>
[mailto:acom-list@yahoogroups.com<mailto:acom-list%40yahoogroups.com>] On Behalf Of it9blb
Sent: Saturday, October 17, 2009 1:30 PM
To: acom-list@yahoogroups.com<mailto:acom-list%40yahoogroups.com>
Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Hi Hal,
TNX for your suggestion: I just finished the test. I pulled the tube from a perfectly running ACOM 1000 and I replaced alternatively the two tubes on my 2000A. The result was that there isn't a tube fault!
I also tested both 2000A's tubes on the 1000 and they gave the full output without any trouble.
Any help more ??

Joe, IT9BLB

--- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com, "Hal Kennedy" <halken@...> wrote:
>
> Likely a tube. Try replacing them one at a time. This is the common
> fault for the common intermittent grid short that develops in these
> tubes over time..it could, of course, something else. I forget what
> error code the "bad C2" problem causes.???
>
> Hal
> N4GG
>
>
> -----Original Message-----
> From: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com [mailto:acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com] On
> Behalf Of it9blb
> Sent: Thursday, October 15, 2009 1:56 PM
> To: acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com
> Subject: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V
>
>
>
>
> Some days ago I had the same bad news on my display... :-((
> When I try to switch to OPERATE the amplifier shuts down.
> Any suggestion for a step-by-step way to fix it?
> CQWW SSB is just on the back of the door.
>
> 73,
> Joe, IT9BLB
>
> --- In acom-list@yahoogrou <mailto:acom-list%40yahoogroups.com> ps.com,
> "f5nbu.hamradio" <f5nbu@> wrote:
> >
> > hello
> > In RX i had yesterday and today default (G2 too low voltage 012V)
> > manual for this troubleshooting is not well explained.
> > You have more information on this default.
> > best 73
> > Yann - F5NBU
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3394. Re: [acom-list] Re: Troubleshooting --> G2 voltage too low 012V

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-19 20:57:23 UTC
From: G. La Parola, IT9BLB
Topic: 2542 Message: 3394

Hi Lew,
I'm sorry to read about your joining my same problem.

Today I tested the "famous" C2 (it was good) and I put a new one anyway.
I also tested and changed the varistor (it was good) on the screen grid,
as read on http://groups.yahoo.com/group/acom-list/message/496.
The problem remainS the same: G2 too low voltage 012V (sometimes 010V).

Too bad :-(

Joe, IT9BLB

On Dom, Ottobre 18, 2009 23:51, Lew Sayre wrote:
> HI,
> Yesterday while working the K4M guys running about 1 KW the rig
> bounced out to standby. When I went back to operate then the famous
> G2-Low Voltage 000v displayed and the rig turned itself off. I let it
> set for 30 minutes and tried again. I got exactly Joe's response when
> the 2000A turned itself off again after warm up. I replaced the 2
> tubes with the spare set I got...same result. I plan on replacing the
> original tubes in it and then asking the ACOM folks for guidance.
> I'll try and see if I can get down to the low voltage board and see if
> C2 looks funny or tests weird in the meantime
> I'm fairly disappointed as this amp was bought new less than 2 months
> ago and I've done everything as suggested by ACOM. I was really
> excited to try it out and see how much I could stress it during the
> upcoming CQWW-SSB contest.
> Outside of a bad varistor you can get at from the bottom ,the C2 and a
> bad tube or two is there any other known reasons for the Low G2
> voltage that anybody is aware of?
> 73 and I remain,
> Lew W7EW/W7AT

3395. Heater Voltage too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-24 15:03:33 UTC
From: W7BIA
Topic: 3395 Message: 3395

What does it mean when it says "Heater Voltage Too Low" and shuts itself off?

Thank you

w7bia

3396. Re: [acom-list] Heater Voltage too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-24 15:11:55 UTC
From: Hans Remeeus
Topic: 3395 Message: 3396

Hello OM,

This means that the Filament Voltage level of the linear is too low and
your linear protects himself by shutting off.

Which type of Acom linear are you using?
What is the value of the Mains Voltage in your town?
What is the Mains Voltage setting of the transformuer of your linear?
What is the reading of the 'FIL-V' on the display of your linear?

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

W7BIA schreef:
> What does it mean when it says "Heater Voltage Too Low" and shuts itself off?
>
> Thank you
>
> w7bia
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4538
(20091024) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3397. Re: [acom-list] Heater Voltage too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-24 15:37:13 UTC
From: k3pp@k3pp.com
Topic: 3395 Message: 3397

Pull the plate off the bottom where the tube bases are. The 4-pin connector is probably burnt. I had this last night just as CQWW was starting. Talk about lousy timing!

I cut off the connector and soldered the wires direct. Fixed! It's a VERY cumbersome location, so it won't be too easy.

I figured it out by searching the email archives! You guys are awesome!!

VY 73 de K3PP (back to the contest!)
Sent via BlackBerry by AT&T

-----Original Message-----
From: "W7BIA" <w7bia@...>
Date: Sat, 24 Oct 2009 15:03:33
To: <acom-list@yahoogroups.com>
Subject: [acom-list] Heater Voltage too Low

What does it mean when it says "Heater Voltage Too Low" and shuts itself off?

Thank you

w7bia

[Non-text portions of this message have been removed]

3398. Re: [acom-list] Heater Voltage too Low

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-24 20:30:08 UTC
From: Dennis Vernacchia
Topic: 3395 Message: 3398

If you MAINS voltage is not low.....there is a second connector that also burns out on the low voltage board at bottom of stack of
PC Boards in front of the High Voltage Transformer (Corner of board) and I believe
it comes fight from the transformer filament winding.
(The first filament connector is in the plenum under the final tubes)

The connectors are VERY difficult to unsolder

The best thing to do since the circuit boards that have these 2 connectors where not designed very
well to allow easy de-soldering of these connectors (Holes in PC Board are too small and the solder
pads and plate thru can be easily damaged) is to carefully cut awy teh plastic of the
connectors and then de-solder 1 pin at a time and remove from the circuit boards.

The filament connector that is located under the plate of the final amplifier tube plenum
is VERY DIFFICULT to get at and one lead of a resistor that goes from the VERY SMALL
circuit board should be unsoldered from the tube socket end.

If you are not VERY Proficient at soldering or have the correct soldering iron with controlled heat and
correct tips and DE-soldering tools, I recommend you let a qualified technician do the repair.

What you are doing is removing both connectors from the circuit boards and soldering the filament
wires directly into the circuit board holes of the board. Be careful not to mix up wires so mark them as you
remove the wires from the connectors.

The holes on the small circuit board in the tube plenum have plated thru holesa nd one has
to be very careful to not pull out the plate thrus when removoing each of the 4 pins from the board.
(If you do, by accident, pull out the plate thrus, then when you solder the wires directly
to the PC Board, be sure you solder the wire to both he bottom AND THE TOP of the board.)

Replacing both connectors is a 1 1/2 to 2 hour job for a well qualified tech and a 4 to 6 hour
nightmare for those that have never dealt with very difficult de-soldering

of pc boards
that has hole and pad sizes too small for the connectors pins.

Find a tech that also has good eyesight for close in work - this is NOT a
fun job for us old timers !

73, Dennis N6KI

On Sat, Oct 24, 2009 at 8:03 AM, W7BIA <w7bia@...> wrote:

>
>
> What does it mean when it says "Heater Voltage Too Low" and shuts itself
> off?
>
> Thank you
>
> w7bia
>
>
>

[Non-text portions of this message have been removed]

3399. HV TOO LOW AT POWER ON

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-25 16:51:36 UTC
From: rolandguidry70578
Topic: 3399 Message: 3399

What luck during CQWW! Amp 2000a has shutdown. I unplugged unit from 240v outlet and it came back to normal, then after a few minutes it shutdown again. I have checked mains voltage at wall outlet and it is 240 AC. This amp. has performed well since 2006, with no problems. Nothing has changed in my setup. So how do I fix this, anyone have any ideas? Thanks in advance.

3400. Re: [acom-list] HV TOO LOW AT POWER ON

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-25 17:17:50 UTC
From: Dennis Vernacchia
Topic: 3399 Message: 3400

What is the error message you get just before the amp shuts down ?

One of the current shut down triggers is either LOW MAINS voltage or, worse yet,
if not a MAINS problem, ...the connectors (there are 3 of them) in the filament circuit that burn out.
(2 are on the low voltage board at bottom of stack of PC Boards in the power supply and control area
of the amp and the 3rd connector is inside the air Plenum for the final tubes.
(You must remove the screws along the outside edge of the plate on bottom of amp
under the finals)

This is a common problem with early vintage ACOM 2000 amp made before and I think just after year 2000

What is your serial number, I believe if I recall the first digit is the year
ie 9 is 1999 and 0 is 2000 etc

The solution to the filament connector burning is to remove the connectors and solder the wires
directly to the PC Board

They are not easy to get at and required a fair amount of mechanical dis-assembly and good soldering technique
and the right soldering and de-soldering tools to remove the burned connectors.

If you are not a great tech for soldering or have poor close in
eyesight ....do not even attempt this or you will damage the circuit boards as the connectors
need to be cut off the boards and the connector pins de-soldered 1 at a time

or you will inadvertently wind up pulling the Plate Thrus out of the solder pads and or lift the pads right off the circuit board.

If you pull the Plate Thrus of the pads out of the circuit boards, you will then have to solder the wires not only to the bottom but
also the top pads/traces of the circuit boards

73, Dennsi N6KI

On Sun, Oct 25, 2009 at 9:51 AM, rolandguidry70578 <na5q@...> wrote:

>
>

> What luck during CQWW! Amp 2000a has shutdown. I unplugged unit from 240v
> outlet and it came back to normal, then after a few minutes it shutdown
> again. I have checked mains voltage at wall outlet and it is 240 AC. This
> amp. has performed well since 2006, with no problems. Nothing has changed in
> my setup. So how do I fix this, anyone have any ideas? Thanks in advance.
>
>
>

[Non-text portions of this message have been removed]

3401. RE: [acom-list] HV TOO LOW AT POWER ON

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-25 17:30:51 UTC
From: Roland Guidry
Topic: 3399 Message: 3401

Thanks for the reply.

The serial no. is 060112.
The message I received is: HV TOO LOW AT POWER ON: 0.0kV

Roland NA5Q

From: Dennis Vernacchia [mailto:n6ki73@...]
Sent: Sunday, October 25, 2009 12:18 PM
To: acom-list@yahoogroups.com
Cc: na5q@...
Subject: Re: [acom-list] HV TOO LOW AT POWER ON

What is the error message you get just before the amp shuts down ?

One of the current shut down triggers is either LOW MAINS voltage or, worse yet,
if not a MAINS problem, ...the connectors (there are 3 of them) in the filament circuit that burn out.
(2 are on the low voltage board at bottom of stack of PC Boards in the power supply and control area
of the amp and the 3rd connector is inside the air Plenum for the final tubes.
(You must remove the screws along the outside edge of the plate on bottom of amp
under the finals)

This is a common problem with early vintage ACOM 2000 amp made before and I think just after year 2000

What is your serial number, I believe if I recall the first digit is the year
ie 9 is 1999 and 0 is 2000 etc

The solution to the filament connector burning is to remove the connectors and solder the wires
directly to the PC Board

They are not easy to get at and required a fair amount of mechanical dis-assembly and good soldering technique
and the right soldering and de-soldering tools to remove the burned connectors.

If you are not a great tech for soldering or have poor close in eyesight ....do not even attempt this or you will damage the circuit boards as the connectors

need to be cut off the boards and the connector pins de-soldered 1 at a time

or you will inadvertently wind up pulling the Plate Thrus out of the solder pads and or lift the pads right off the circuit board.

If you pull the Plate Thrus of the pads out of the circuit boards, you will then have to solder the wires not only to the bottom but
also the top pads/traces of the circuit boards

73, Dennsi N6KI

On Sun, Oct 25, 2009 at 9:51 AM, rolandguidry70578 <na5q@...> wrote:

What luck during CQWW! Amp 2000a has shutdown. I unplugged unit from 240v outlet and it came back to normal, then after a few minutes it shutdown again. I have checked mains voltage at wall outlet and it is 240 AC. This amp. has performed well since 2006, with no problems. Nothing has changed in my setup. So how do I fix this, anyone have any ideas? Thanks in advance.

[Non-text portions of this message have been removed]

3402. Automatic changing of ACOM 2000 Antenna Selection

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-28 13:07:55 UTC
From: James Thresher
Topic: 3402 Message: 3402

I wonder if anyone can suggest a method for getting the ACOM 2000 to select a specific Antenna setting through external control. We have a number of antennas (multi-band) that can be switched between one of two stations, both using ACOM 2000's, rather than having to remember to change the antenna settings on the ACOM (A1,A2 etc) manually, i would like to automate the switching. As the antenna's are multi band we cannot just pre-set the correct antenna for each band, we are also not able to use the ACOM antenna switch that the 2000 can control.

Thanks

73 James 2E0YOM

M0XXT UK Scout Contest Team
http://www.m0xxt.co.uk

[Non-text portions of this message have been removed]

3403. Re: [acom-list] Automatic changing of ACOM 2000 Antenna Selection

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-28 17:10:43 UTC
From: John Sheeley
Topic: 3402 Message: 3403

James
I think you need to add the Acom remote antenna switch for the 2000a to do what you want . The ACOM 2000S is a digital control unit designed to provide fully automatic antenna switching capabilities. When used in combination with the ACOM 2000SW and the ACOM 2000A Automatic HF Linear Amplifier, antenna selection information generated by the ACOM 2000A is communicated to the 2000S. The 2000S displays the currently selected antenna and drives the control signals needed to operate the remotely-located ACOM 2000SW.
In addition to the ACOM 2000A control port, the 2000S includes a general-purpose RS232 control port. This port can be driven by a pc, allowing the 2000S/2000SW combination to be used in environments where computer-controlled switching of multiple antennas is required.Software is available for automatic tuning of all antennas on all band segments when using the 2000S and 2000SW with the 2000A. This DOS software is written to support the Yaesu FT-1000MP as the computer-controlled signal source. It also requires a special set of cables. Contact ACOM for more details.
73
John wb4qda

From: James Thresher <James.Thresher@...>
To: "acom-list@yahoogroups.com" <acom-list@yahoogroups.com>
Sent: Wed, October 28, 2009 8:07:55 AM
Subject: [acom-list] Automatic changing of ACOM 2000 Antenna Selection

I wonder if anyone can suggest a method for getting the ACOM 2000 to select a specific Antenna setting through external control. We have a number of antennas (multi-band) that can be switched between one of two stations, both using ACOM 2000's, rather than having to remember to change the antenna settings on the ACOM (A1,A2 etc) manually, i would like to automate the switching. As the antenna's are multi band we cannot just pre-set the correct antenna for each band, we are also not able to use the ACOM antenna switch that the 2000 can control.

Thanks

73 James 2E0YOM

M0XXT UK Scout Contest Team
http://www.m0xxt. co.uk

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

3404. Using the 2000 in a vertical position

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-30 03:21:29 UTC
From: arnie lewin
Topic: 3395 Message: 3404

To all:

Is anyone using the 2000 on its side, in a vertical fashion, and have you experienced any problems?

Certainly due to the weight, the power transformer is closest to the floor.

Thank you

arnie

[Non-text portions of this message have been removed]

3405. Re: [acom-list] Using the 2000 in a vertical position

Yahoo group: acom-list (1999 — 2009)
Date: 2009-10-30 07:27:40 UTC
From: Hans Remeeus
Topic: 3395 Message: 3405

Hello Arnie,

I would not suggest this.

Very important is an *unobstructed exhaust area* of the amplifer. You
should keep a minimum distance of 50 cm (20 inches) to the exhaust.

The air flow of the tubes always is in a vertical direction. So is every
air flow of heath and warmth.

When you use your 2000A on its side *a completely free air flow of the
tubes is not possible*.

On your own risk you could try it, but take extra notice on the
temperature of both the tubes. I would be extremely careful on this item!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

arnie lewin schreef:
> To all:
>
> Is anyone using the 2000 on its side, in a vertical fashion, and have you
> experienced any problems?
>
> Certainly due to the weight, the power transformer is closest to the floor.
>
> Thank you
>
> arnie
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4556
(20091029) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3406. FS: Acom 1000 (mint condition)

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-01 01:57:14 UTC
From: chad_n0yk
Topic: 3406 Message: 3406

Hi Group,

I have a Acom 1000 amplifier that is not even a week old, purchased new from Array Solutions on 10/23/09, delivered 10/27/09. The amp is in 'Mint Condition' and has maybe an hour total operating time. Comes with all original packing/manuals, plus the 2 year factory warranty. After operating this fine amp, I decided to go the auto tune route, although this amp is very easy to tune and works great. Please email me with questions (n0yk@wbsnet.org) or I can call you and we can talk.
Asking $3050 shipped CONUS via FedEx.

Thanks,
Chad
N0YK

3407. Re: [acom-list] Using the 2000 in a vertical position

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-01 08:21:05 UTC
From: goggi
Topic: 3395 Message: 3407

Hello,
enquired with ACOM before purchase and got an OK.
Have been running a 2000 in this position since many years, without
any problems.
73 de Giorgio, I2KMG

On 30 Oct 2009, at 4:21, arnie lewin wrote:

> To all:
>
>
>
> Is anyone using the 2000 on its side, in a vertical fashion, and
> have you
> experienced any problems?
>
>
>
> Certainly due to the weight, the power transformer is closest to the
> floor.
>
>
>
> Thank you
>
>
>
> arnie
>
>
>
> [Non-text portions of this message have been removed]
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

3408. Re: [acom-list] Using the 2000 in a vertical position

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-01 17:07:28 UTC
From: Jim Idelson
Topic: 3395 Message: 3408

If proper airflow can be maintained, specs seem to indicate that the tube
can handle operation in any position.

http://www.kvindesland.no/yl2qm/tubes/gu74b.htm

73,

Jim K1IR

On Fri, Oct 30, 2009 at 2:27 AM, Hans Remeeus <hans@...> wrote:

> Hello Arnie,
>
> I would not suggest this.
>
> Very important is an *unobstructed exhaust area* of the amplifer. You
> should keep a minimum distance of 50 cm (20 inches) to the exhaust.
>
> The air flow of the tubes always is in a vertical direction. So is every
> air flow of heath and warmth.
>
> When you use your 2000A on its side *a completely free air flow of the
> tubes is not possible*.
>
> On your own risk you could try it, but take extra notice on the
> temperature of both the tubes. I would be extremely careful on this item!
>
>
> 73,
> Hans Remeeus (PA1HR)
> http://www.remeeus.eu
> Communication is about people, the rest is technology.
>
>
> arnie lewin schreef:
> > To all:
> >
> > Is anyone using the 2000 on its side, in a vertical fashion, and have you
> > experienced any problems?
> >
> > Certainly due to the weight, the power transformer is closest to the
> floor.
> >
> > Thank you
> >
> > arnie

> >
>
>
>
> _____ Informatie van ESET NOD32 Antivirus, versie van database
> viruskenmerken 4556 (20091029) _____
>
> Het bericht is gecontroleerd door ESET NOD32 Antivirus.
>
> http://www.eset.com
>
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

3409. 1000 & ts570 remote lead

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-03 17:48:57 UTC
From: hamg5xw
Topic: 3409 Message: 3409

Hope to have 1000 here by the weekend and run with ts570

please what pins are used in the "remote" lead

am I correct in thinking its #2 to center #5 to outer
reply direct if you wish save a bit a space
tnx
regards

3410. 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 14:49:10 UTC
From: N1EU
Topic: 3410 Message: 3410

Has anyone compared the accuracy of the 2000A VSWR reading at various power levels with an external precision SWR meter (e.g. LP-100, etc)?

Tnx/73,
Barry N1EU

3411. RE: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 15:43:02 UTC
From: Hal Kennedy
Topic: 3410 Message: 3411

I've only checked it against two different Bird 83s into a precise 50 ohm dummy load, and only at 1500W. The 83s are rated at +/- 5%. Both gave the same reading. With the last green light lit and just on the verge of lighting the first red light, I get 1400W out of each of my 2000As. I have to have the first red light lit and nearly turning on the second red light to get 1500W.

No other data. I usually run with the first red light flickering.
73, Hal
N4GG

Has anyone compared the accuracy of the 2000A VSWR reading at various power levels with an external precision SWR meter (e.g. LP-100, etc)?

Tnx/73,
Barry N1EU

[Non-text portions of this message have been removed]

3412. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 16:07:12 UTC
From: Barry N1EU
Topic: 3410 Message: 3412

Thanks Hal. I might not have been clear, but I'm most interested in knowing whether the VSWR reading of the 2000A is very accurate.

Tnx/73,
Barry N1EU

On Wed, Nov 4, 2009 at 3:43 PM, Hal Kennedy <halken@...> wrote:
>
>
>
> I've only checked it against two different Bird 83s into a precise 50
> ohm dummy load, and only at 1500W. The 83s are rated at +/- 5%. Both
> gave the same reading. With the last green light lit and just on the
> verge of lighting the first red light, I get 1400W out of each of my
> 2000As. I have to have the first red light lit and nearly turning on
> the second red light to get 1500W.
>
> No other data. I usually run with the first red light flickering.
> 73, Hal
> N4GG
> --------------------
>
> Has anyone compared the accuracy of the 2000A VSWR reading at various
> power levels with an external precision SWR meter (e.g. LP-100, etc)?
>
> Tnx/73,
> Barry N1EU
>
>
> [Non-text portions of this message have been removed]
>
>

3413. RE: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 16:25:31 UTC
From: Hal Kennedy
Topic: 3410 Message: 3413

I'm sorry Barry - my fault - I need to read the questions :-)

Not sure about VSWR accuracy. It seems to agree with my transceivers pretty well..but that's a VERY subject reply.

I'm not home or I would check it. You can use an antenna tuner and 50 ohm dummy load and adjust the tuner to present a 100 ohm load and then a 25 ohm load and see if you get 2:1 in each case. That's what I would try if I was near the home QTH - which I won't be for weeks.
73
Hal

Thanks Hal. I might not have been clear, but I'm most interested in knowing whether the VSWR reading of the 2000A is very accurate.

Tnx/73,
Barry N1EU

On Wed, Nov 4, 2009 at 3:43 PM, Hal Kennedy <halken@comcast.
<mailto:halken%40comcast.net> net> wrote:
>
>
>
> I've only checked it against two different Bird 83s into a precise 50
> ohm dummy load, and only at 1500W. The 83s are rated at +/- 5%. Both
> gave the same reading. With the last green light lit and just on the
> verge of lighting the first red light, I get 1400W out of each of my
> 2000As. I have to have the first red light lit and nearly turning on
> the second red light to get 1500W.
>
> No other data. I usually run with the first red light flickering.
> 73, Hal
> N4GG
> --------------------
>
> Has anyone compared the accuracy of the 2000A VSWR reading at various
> power levels with an external precision SWR meter (e.g. LP-100, etc)?
>
> Tnx/73,
> Barry N1EU
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

3414. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 16:31:29 UTC
From: Paul M Dunphy
Topic: 3410 Message: 3414

At 12:07 PM 11/4/2009, you wrote:
>Thanks Hal. I might not have been clear, but I'm most interested in
>knowing whether the VSWR reading of the 2000A is very accurate.
>
>Tnx/73,
>Barry N1EU

This is a guess, Barry. I would think that if the power reading is accurate (as Hal confirms), and if the algorithm used by ACOM to calculate VSWR uses Forward and Reflected power, then the WSWR is accurate. Good data in implies good data out, but this is algorithm dependent.

For what it is worth, the VSWR on my ACOM 1000 agrees well with my PALSTAR Watt/SWR meter, although I have no idea how well the PALSTAR is calibrated.

All of this is circumstantial evidence that suggests ACOM's VSWR reading is accurate, but I guess the only way to know for sure is if some of the list members have compared it to accurately calibrated WSWR meters (which is what you were looking for, I suspect!)

73, Paul VE1DX

3415. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 16:35:24 UTC
From: kg4lru@aol.com
Topic: 3410 Message: 3415

I found it to be spot on as well as the acom 1000 . I run both amps. I also like the fact that the acom will run 4:1 swr at least on the 2000 haven't tried the 1000 yet. I believe its 3 :1

[Non-text portions of this message have been removed]

3416. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 16:53:47 UTC
From: Hans Remeeus
Topic: 3410 Message: 3416

Hello Barry,

I compare with the Array Solutions Power Master + external -calibrated-
sensor and with the Bird 43P.
The VSWR reading of the 2000A is adequate!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

N1EU schreef:
> Has anyone compared the accuracy of the 2000A VSWR reading at various power levels with
an external precision SWR meter (e.g. LP-100, etc)?
>
> Tnx/73,
> Barry N1EU
>
>

_____ Informatie van ESET NOD32 Antivirus, versie van database viruskenmerken 4573
(20091104) _____

Het bericht is gecontroleerd door ESET NOD32 Antivirus.

http://www.eset.com

3417. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 17:13:49 UTC
From: Barry N1EU
Topic: 3410 Message: 3417

Appreciate the responses and it makes sense that the Acom would be fairly accurate. The reason I asked is that my Orion indicates a significantly lower SWR (Acom bypassed) and my K3 an even lower SWR. I'll trust the Acom and might need to do a little antenna work . . .

Tnx/73,
Barry N1EU

3418. RE: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 18:57:41 UTC
From: Hal Kennedy
Topic: 3410 Message: 3418

Please share your results Barry! The very best way I know to do it with the items we tend to have around the shack is to:
1. Get known accurate resistors around 100 ohms and 25 ohms. Put them on an antenna analyzer and check its accuracy. Most of the MFJs and the 4170s are quite good. Make up a little calibration correction table for the antenna analyzer if it needs it.
2. Put a 50 ohm dummy load on the antenna side of an antenna tuner, and using your calibrated antenna analyzer, adjust the tuner so the rig(s) see 100 ohms R and j=0. Then check your gear. It should be 2:1. Then try 25 ohms. It should be 2:1 again.
3. Check some intermediate points and for ACOMS, which are rated up to 3:1, I would check the high and low impedance points at 3:1.
4. I'd check VSWR vs. power as well. When you get down to small signals on the rectifier diodes that make up the SWR bridges, the diode drops start introducing a lot of error. This may be why the ACOM in straight-thru looks different than the transceiver. I suspect the ACOM at 1KW and 2:1 may read quite different at 50 watts going through it. I'm guessing that's where the discrepancies you see may be coming from. I have to check the ACOM schematic and see what diodes they used. In the Alpha amp bridges they use shottky-barrier diodes which have very low drop and provide good accuracy over a wide range of power..they also get easily blown out by nearby lightning strikes as they are transformer coupled right onto the antenna jack. Some of the manufacturers use plain old silicon diodes which won't blow, but are less accurate for metering. Don't know what's in the 2000A. The inaccuracy increases as the power levels decrease.
Best 73,
Hal, N4GG

[Non-text portions of this message have been removed]

3419. Re: 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 20:31:03 UTC
From: Andrey
Topic: 3410 Message: 3419

The lower SWR at the transceiver with the amplifier by-passed could be due to extra reactance of the bypass circuit. Remember, the amplifier samples the power/SWR right before its antenna output. There is circuitry (which includes the vacuum relay and some other components) between the coupler and the input connector of the amplifier.
This circuitry is not exactly 50 ohms connector-to-connector - it is designed to be as close as possible to 50 ohm but there is a small amount of reactance associated with it. Now, if this reactance is with the opposite sign of your antenna reactance, the "parasitic" reactance acts in your favour and decreases the overall SWR. In other words...you have a tuning compoenent which cancles out the SWR to some level. So if you have two swr meters - before and after the amplifier you'll see the effects of this - small but present.
I never measured my ACOM 1000, but in the heathkit SB-200 it is very noticeable - the amplifier uses an open-frame bypass relay and a very long directional coupler which is probably far from 50 ohms due to its mechanical construction.

73
de Andrey, AE1Z

--- In acom-list@yahoogroups.com, Barry N1EU <barry.n1eu@...> wrote:
>
> Appreciate the responses and it makes sense that the Acom would be
> fairly accurate. The reason I asked is that my Orion indicates a
> significantly lower SWR (Acom bypassed) and my K3 an even lower SWR.
> I'll trust the Acom and might need to do a little antenna work . . .
>
> Tnx/73,
> Barry N1EU
>

3420. Re: [acom-list] 2000A VSWR accuracy?

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-04 21:37:34 UTC
From: Jim Idelson
Topic: 3410 Message: 3420

Funny you should ask. I just finished building my LP-100A. I don't know how accurate it is because I haven't got the gear to calibrate it properly, but it seems to read lower than the 2000A LEDs. This is not scientific at all, and could very well be wrong! If I do some better tests, I will let you know.

Jim

On Wed, Nov 4, 2009 at 9:49 AM, N1EU <barry.n1eu@...> wrote:

> Has anyone compared the accuracy of the 2000A VSWR reading at various power
> levels with an external precision SWR meter (e.g. LP-100, etc)?
>
> Tnx/73,
> Barry N1EU
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

3421. 2000a SWR

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-05 06:10:33 UTC
From: Kenneth Waites
Topic: 3421 Message: 3421

Gentlemen, SWR, when there is some, changes along the coax. The transceiver is at a different place along the coax line.

[Non-text portions of this message have been removed]

3422. Re: [acom-list] 2000a SWR

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-05 13:56:10 UTC
From: Barry N1EU
Topic: 3421 Message: 3422

On Thu, Nov 5, 2009 at 6:10 AM, Kenneth Waites <barbiekenw@...> wrote:
>
>
>
> Gentlemen, SWR, when there is some, changes along the coax. The transceiver is at a different place along the coax line.
>

Ignoring very long/lossy lines, SWR is constant along the line
although impedance varies - it doesn't matter where on the line you
measure SWR.

OT, but a Smith Chart demonstrates this elegantly (see
http://www.arrl.org/tis/info/pdf/q1106037.pdf) - the load represented
by an antenna creates a circle (of constant SWR) on a Smith Chart with
impedance varying along the circle as you move away from the load
(half wavelength per circumference) but SWR staying constant
(represented by the circle's radius).

73,
Barry N1EU

3423. Re: [acom-list] 2000a SWR

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-05 14:03:12 UTC
From: Paul M Dunphy
Topic: 3421 Message: 3423

At 02:10 AM 11/5/2009, you wrote:
>Gentlemen, SWR, when there is some, changes along the coax. The
>transceiver is at a different place along the coax line.

An excellent point, although as Barry points out, technically it is the impedance, not the SWR that varies. I added ~60 feet of RG-11 to the shack end of my 80M dipole's RG-213 feed line (actually it's a too-low-to-the-ground curtain dipole) to make the impedance the amp "sees" closer to 50 ohms. Obviously this had no effect on the impedance at the dipole feed point, but it made me feel better seeing a SWR of 1.1 in the shack as opposed to 1.7. I'm sure the efficiency of the antenna system was not any better, but the reflected power coming back into the shack is lower.

73, Paul VE1DX

3424. Re: [acom-list] 2000a SWR

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-05 15:00:34 UTC
From: Paul Christensen
Topic: 3421 Message: 3424

> "I added ~60 feet of RG-11 to the shack end of my 80M dipole's RG-213 feed line (actually it's a
too-low-to-the-ground curtain dipole) to make the impedance the amp
"sees" closer to 50 ohms. Obviously this had no effect on the
impedance at the dipole feed point, but it made me feel better seeing
a SWR of 1.1 in the shack as opposed to 1.7. I'm sure the efficiency
of the antenna system was not any better, but the reflected power
coming back into the shack is lower."

Paul,

In your case, you used the 75-ohm section of RG-11 in conjunction with the RG-213 to actually change line VSWR at the shack end of the cable. I would have placed the RG-11 at the antenna end and kept the RG-213 at the shack end. In that case, the 50-ohm RG-213 VSWR actually does change with the addition of a varied RG-11 line length. While the VSWR on the RG-11 section (between the antenna and RG-213) remains fixed with changing length, the VSWR on the RG-213 does in fact change -- something that can not be accomplished by changing the line length with only a run of RG-213. With RG-213 only, no matter how much you change the line length the VSWR does not change (absent change from line loss). It sounds like you accomplished the same result but with a reversal of RG-11 and RG-213.

It takes a transformation of three terminal Z values to do that starting with Z1, the antenna feed-point Z, Z2 the matching section's characteristic Z (75-ohms in this case), and finally, Z3, the output target Z (50-ohms in this case).

Although you may think that efficiency was not improved, it actually would improve in the case where a fixed 50-ohm solid state PA is used without an antenna tuner. With a vacuum tube output with its Pi-L output network (e.g., ACOM 2000) or a fixed-Z solid-state amplifier + an antenna tuner, then the added increase in overall efficiency is probably quite minimal.

Paul, W9AC

[Non-text portions of this message have been removed]

3425. Re: [acom-list] 2000a SWR

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-05 16:44:53 UTC
From: Paul M Dunphy
Topic: 3421 Message: 3425

At 11:00 AM 11/5/2009, you wrote:
> > "I added ~60 feet of RG-11 to the shack end of my 80M dipole's
> RG-213 feed line (actually it's a
>too-low-to-the-ground curtain dipole) to make the impedance the amp
>"sees" closer to 50 ohms. Obviously this had no effect on the
>impedance at the dipole feed point, but it made me feel better seeing
>a SWR of 1.1 in the shack as opposed to 1.7. I'm sure the efficiency
>of the antenna system was not any better, but the reflected power
>coming back into the shack is lower."
>
>Paul,
>
>In your case, you used the 75-ohm section of RG-11 in conjunction
>with the RG-213 to actually change line VSWR at the shack end of the
>cable. I would have placed the RG-11 at the antenna end and kept
>the RG-213 at the shack end. In that case, the 50-ohm RG-213 VSWR
>actually does change with the addition of a varied RG-11 line
>length. While the VSWR on the RG-11 section (between the antenna
>and RG-213) remains fixed with changing length, the VSWR on the
>RG-213 does in fact change -- something that can not be accomplished
>by changing the line length with only a run of RG-213. With RG-213
>only, no matter how much you change the line length the VSWR does
>not change (absent change from line loss). It sounds like you
>accomplished the same result but with a reversal of RG-11 and RG-213.
>
>It takes a transformation of three terminal Z values to do that
>starting with Z1, the antenna feed-point Z, Z2 the matching
>section's characteristic Z (75-ohms in this case), and finally, Z3,
>the output target Z (50-ohms in this case).
>
>Although you may think that efficiency was not improved, it actually
>would improve in the case where a fixed 50-ohm solid state PA is
>used without an antenna tuner. With a vacuum tube output with its
>Pi-L output network (e.g., ACOM 2000) or a fixed-Z solid-state
>amplifier + an antenna tuner, then the added increase in overall
>efficiency is probably quite minimal.
>
>Paul, W9AC

Agreed Paul. What you are saying is sort of analogous to using
the 1/4 wavelength of 75-ohm "transformer" method to feed delta
loops. I'd rather have put it at the feed point end, but that was
55-feet in the air strung between two towers (and in the winter.)

I had several spare random lengths of RG-11 laying around and I simply tried them one at a time in line and just outboard of the ACOM-1000 until I got a piece that gave me a SWR of 1.1. I didn't do any calculations as I just wanted to lower the 1.7 to below 1.5. I guess I happened to have a piece close to the ideal length as I ended up with 1.1:1.

The amp is indeed happy with up to 3:1, but I need to have 1.5:1 or less on all my antennas or I can't sleep. I know the math means I'm chasing the law of diminishing returns worrying about SWR at these levels, but that's me!

73, Paul VE1DX

3426. acom 1000 on 120v

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-08 13:16:58 UTC
From: AB2E Darrell
Topic: 3426 Message: 3426

Hello all,
I have a question for you 1000 users. I am going to need an amp that operates on 120v (this will be on a dxpedition in the Philippines, and in the area I will be visiting, 220v is extremely rare).
Can all 1000s switch from 220, or does it have to be ordered that way>? In the specs page it seems to indicate it would need to be ordered for 120.

Secondly, for anyone using the 1000 on 120v, can you tell me what the line current draw is?

Thanks and 73,
Darrell AB2E

_____
Bing brings you maps, menus, and reviews organized in one place.
http://www.bing.com/search?q=restaurants&form=MFESRP&publ=WLHMTAG&crea=TEXT_MFESRP_Local_MapsMenu_Resturants_1x1

[Non-text portions of this message have been removed]

3427. Re: acom 1000 on 120v

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-08 14:15:54 UTC
From: chad_n0yk
Topic: 3426 Message: 3427

Hi Darrell,

When I ordered mine, I was asked if it would be ran on 240vac, otherwise the change would of been done at the dealer for 120vac. Under the cover of the amp there are several taps for selecting the proper input voltage to the transformer, so I'm guessing a call to the dealer, changing a few taps and you'd be set. Doesn't look hard at all, just change the plugs around, this is only my best guess as I don't really see any information on this in the manual.

On your line current draw questions, the manual shows 2200va, so you will need a dedicated 120 vac @ 20 amp circuit for this setting. On peaks, I bet you draw anywhere from 17 to 19 amps @ 1000 watts + output of the amp.

Hope this helps.

73,
Chad
N0YK

--- In acom-list@yahoogroups.com, AB2E Darrell <ab2e@...> wrote:
>
>
> Hello all,
> I have a question for you 1000 users. I am going to need an amp that operates on 120v (this will be on a dxpedition in the Philippines, and in the area I will be visiting, 220v is extremely rare).
> Can all 1000s switch from 220, or does it have to be ordered that way>? In the specs page it seems to indicate it would need to be ordered for 120.
>
> Secondly, for anyone using the 1000 on 120v, can you tell me what the line current draw is?
>
> Thanks and 73,
> Darrell AB2E
>
>
> ____
> Bing brings you maps, menus, and reviews organized in one place.
> http://www.bing.com/search?q=restaurants&form=MFESRP&publ=WLHMTAG&crea=TEXT_MFESRP_Local_MapsMenu_Resturants_1x1
>
> [Non-text portions of this message have been removed]
>

3428. RE: [acom-list] acom 1000 on 120v

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-08 15:06:18 UTC
From: Ray W2RM
Topic: 3426 Message: 3428

Hay !!!

When we leaving ???

Hello all,

dxpedition in the Philippines
Thanks and 73,
Darrell AB2E

[Non-text portions of this message have been removed]

3429. Re: acom 1000 on 120v

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-09 12:44:52 UTC
From: pa5dd
Topic: 3426 Message: 3429

You need to change the taps on both the low and high voltage transformers. Not a difficult task. Use the table on the schematic, which you can find in the Files section, under this name:

A1000man_she.pdf

73 Uffe PA5DD

--- In acom-list@yahoogroups.com, AB2E Darrell <ab2e@...> wrote:
>
>
> Hello all,
> I have a question for you 1000 users. I am going to need an amp that operates on 120v (this will be on a dxpedition in the Philippines, and in the area I will be visiting, 220v is extremely rare).
> Can all 1000s switch from 220, or does it have to be ordered that way>? In the specs page it seems to indicate it would need to be ordered for 120.
>
> Secondly, for anyone using the 1000 on 120v, can you tell me what the line current draw is?
>
> Thanks and 73,
> Darrell AB2E
>
>
> ____
> Bing brings you maps, menus, and reviews organized in one place.
> http://www.bing.com/search?q=restaurants&form=MFESRP&publ=WLHMTAG&crea=TEXT_MFESRP_Local_MapsMenu_Resturants_1x1
>
> [Non-text portions of this message have been removed]
>

3430. Acom 1000 lights....

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-11 11:07:42 UTC
From: Fernando EC1CT
Topic: 3430 Message: 3430

Hi all,
I got an Acom 1000 with some light leds burning in its display. I can´t see anything when the shack is dark. I wonder if anyone have replaced that leds and if it is a complicate operation. Wondering as well what kind of leds it´s using...Thank you.
EC1CT - KD0IGJ Fernando
E-mail: ec1ct@esbesaya.com

[Non-text portions of this message have been removed]

3431. Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-11 23:24:28 UTC
From: modessb
Topic: 3431 Message: 3431

What's the normal safe tube operating range, 65 - 85 c ?????

73 de KE4WY Jim

3432. Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-12 16:58:15 UTC
From: kamarty456
Topic: 3431 Message: 3432

Hi Jim,

I have the 2000A. Typical warm up operating temperature is around 104-110F or about 40C.

I only do SSB but can get wordy! I have seen the temperatures slowly climb up to 10 squares on the RCU ...100C or about 212F.

The worst case for me has been 12 sq or 120C or about 248F. The amp works just fine and cools down quickly.

You do have a wide temperature operating range..I believe at 150C or 300F you get an over temperature fault and the amp faults to a long cool down. I think you can find the tube's temperature parameters on a tube spec sheet. The manual does not indicate much details. I have a 2001 vintage operating manual.

I also cool the amp [leave it on] prior to shutting down I always shut down when the temperature is 40C or about 104F.

I have a Taylor outboard digital thermometer to measure the exhaust air directly out of the rear chimney. This also gives the temperature in "F" as the 2000A only displays "C".

There is a variance between the internal and external temperature readings but that's expected and not a problem.

Oh, finally the 100+ degree exhaust air really helps keep the radio room warm and toasty on these cold Arizona 80 degree [F] days!!!!

Marty ka7gkn

> What's the normal safe tube operating range, 65 - 85 c ?????
>
> 73 de KE4WY Jim
>

3433. Re: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-12 17:10:24 UTC
From: Mel Whitten
Topic: 3431 Message: 3433

Maybe I missed it in manual, but was wondering what temperature triggers the external fan to turn on? I know I could run a test for this but rather not. :-)
Thanks
Mel
k0pfx

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Thursday, November 12, 2009 10:58 AM
Subject: [acom-list] Re: Normal Safe tube operating range

Hi Jim,

I have the 2000A. Typical warm up operating temperature is around 104-110F or about 40C.

I only do SSB but can get wordy! I have seen the temperatures slowly climb up to 10 squares on the RCU ...100C or about 212F.

The worst case for me has been 12 sq or 120C or about 248F. The amp works just fine and cools down quickly.

You do have a wide temperature operating range..I believe at 150C or 300F you get an over temperature fault and the amp faults to a long cool down. I think you can find the tube's temperature parameters on a tube spec sheet. The manual does not indicate much details. I have a 2001 vintage operating manual.

I also cool the amp [leave it on] prior to shutting down I always shut down when the temperature is 40C or about 104F.

I have a Taylor outboard digital thermometer to measure the exhaust air directly out of the rear chimney. This also gives the temperature in "F" as the 2000A only displays "C".

There is a variance between the internal and external temperature readings but that's expected and not a problem.

Oh, finally the 100+ degree exhaust air really helps keep the radio room warm and toasty on these cold Arizona 80 degree [F] days!!!!

Marty ka7gkn

> What's the normal safe tube operating range, 65 - 85 c ?????
>
> 73 de KE4WY Jim
>

[Non-text portions of this message have been removed]

3434. RE: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-12 18:18:18 UTC
From: Jim
Topic: 3431 Message: 3434

Marty & all thanks. A ham I talk to on 75 meters is having some trouble with his 2000A and he was worried about going into the 60C range and I told him that's ok and that it could operate quite higher than in the 60C range. He asked me the magic question, "How high", and I couldn't answer that for him. I have had mine go near 70C but I guess I am not too long winded but I knew they can operate at a much higher temperature..

I will pass along all the fine info I have received from the group to the Ham having problems with his 2000a.

73 de KE4WY Jim

-----Original Message-----
From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf Of kamarty456
Sent: Thursday, November 12, 2009 11:58 AM
To: acom-list@yahoogroups.com
Subject: [acom-list] Re: Normal Safe tube operating range

Hi Jim,

I have the 2000A. Typical warm up operating temperature is around 104-110F or about 40C.

I only do SSB but can get wordy! I have seen the temperatures slowly climb up to 10 squares on the RCU ...100C or about 212F.

The worst case for me has been 12 sq or 120C or about 248F. The amp works just fine and cools down quickly.

You do have a wide temperature operating range..I believe at 150C or 300F you get an over temperature fault and the amp faults to a long cool down. I think you can find the tube's temperature parameters on a tube spec sheet. The manual does not indicate much details. I have a 2001 vintage operating manual.

I also cool the amp [leave it on] prior to shutting down I always shut down when the temperature is 40C or about 104F.

I have a Taylor outboard digital thermometer to measure the exhaust air directly out of the rear chimney. This also gives the temperature in "F" as the 2000A only displays "C".

There is a variance between the internal and external temperature readings but that's expected and not a problem.

Oh, finally the 100+ degree exhaust air really helps keep the radio room warm and toasty on these cold Arizona 80 degree [F] days!!!!

Marty ka7gkn

> What's the normal safe tube operating range, 65 - 85 c ?????
>
> 73 de KE4WY Jim
>

Yahoo! Groups Links

3435. RE: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-12 18:22:42 UTC
From: W5OV@w5ov.com
Topic: 3431 Message: 3435

Who is he and what problems is he having with his 2000A?

Sounds more like he's not familiar with it instead of having problems.

Bob W5OV

> Marty & all thanks. A ham I talk to on 75 meters is having some trouble
> with
> his 2000A and he was worried about going into the 60C range and I told him
> that's ok and that it could operate quite higher than in the 60C range. He
> asked me the magic question, "How high", and I couldn't answer that for
> him.
> I have had mine go near 70C but I guess I am not too long winded but I
> knew
> they can operate at a much higher temperature..
>
> I will pass along all the fine info I have received from the group to the
> Ham having problems with his 2000a.
>
> 73 de KE4WY Jim
>
>
>
> -----Original Message-----
> From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On
> Behalf
> Of kamarty456
> Sent: Thursday, November 12, 2009 11:58 AM
> To: acom-list@yahoogroups.com
> Subject: [acom-list] Re: Normal Safe tube operating range
>
>
> Hi Jim,
>
> I have the 2000A. Typical warm up operating temperature is around 104-110F
> or about 40C.
>
> I only do SSB but can get wordy! I have seen the temperatures slowly climb
> up to 10 squares on the RCU ...100C or about 212F.
>
> The worst case for me has been 12 sq or 120C or about 248F. The amp works
> just fine and cools down quickly.
>
> You do have a wide temperature operating range..I believe at 150C or 300F
> you get an over temperature fault and the amp faults to a long cool down.
> I

> think you can find the tube's temperature parameters on a tube spec sheet.
> The manual does not indicate much details. I have a 2001 vintage operating
> manual.
>
> I also cool the amp [leave it on] prior to shutting down I always shut
> down
> when the temperature is 40C or about 104F.
>
> I have a Taylor outboard digital thermometer to measure the exhaust air
> directly out of the rear chimney. This also gives the temperature in "F"
> as
> the 2000A only displays "C".
>
> There is a variance between the internal and external temperature readings
> but that's expected and not a problem.
>
> Oh, finally the 100+ degree exhaust air really helps keep the radio room
> warm and toasty on these cold Arizona 80 degree [F] days!!!!
>
>
> Marty ka7gkn
>
>> What's the normal safe tube operating range, 65 - 85 c ?????
>>
>> 73 de KE4WY Jim
>>
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> Yahoo! Groups Links
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3436. RE:

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 00:46:55 UTC
From: VK THREE AJJ PAUL
Topic: 3436 Message: 3436

Hey
How are you doing? I bought one white apple iphone 3gs from this website www.ayoeft.com to my surprise,it's genuine, much cheaper.You can check it,Hope all is going well for you.
Kind Regards

3437. Re: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 04:30:58 UTC
From: Dennis Vernacchia
Topic: 3431 Message: 3437

So what was the Max temp ?

73, Dennis N6KI

On Thu, Nov 12, 2009 at 10:18 AM, Jim <pywacker@...> wrote:

>
>
> Marty & all thanks. A ham I talk to on 75 meters is having some trouble
> with
> his 2000A and he was worried about going into the 60C range and I told him
> that's ok and that it could operate quite higher than in the 60C range. He
> asked me the magic question, "How high", and I couldn't answer that for
> him.
> I have had mine go near 70C but I guess I am not too long winded but I knew
> they can operate at a much higher temperature..
>
> I will pass along all the fine info I have received from the group to the
> Ham having problems with his 2000a.
>
> 73 de KE4WY Jim
>
> -----Original Message-----
> From: acom-list@yahoogroups.com <acom-list%40yahoogroups.com> [mailto:
> acom-list@...m <acom-list%40yahoogroups.com>] On Behalf
> Of kamarty456
> Sent: Thursday, November 12, 2009 11:58 AM
> To: acom-list@yahoogroups.com <acom-list%40yahoogroups.com>
> Subject: [acom-list] Re: Normal Safe tube operating range
>
> Hi Jim,
>
> I have the 2000A. Typical warm up operating temperature is around 104-110F
> or about 40C.
>
> I only do SSB but can get wordy! I have seen the temperatures slowly climb
> up to 10 squares on the RCU ...100C or about 212F.
>
> The worst case for me has been 12 sq or 120C or about 248F. The amp works
> just fine and cools down quickly.
>
> You do have a wide temperature operating range..I believe at 150C or 300F
> you get an over temperature fault and the amp faults to a long cool down. I
> think you can find the tube's temperature parameters on a tube spec sheet.
> The manual does not indicate much details. I have a 2001 vintage operating
> manual.

>
> I also cool the amp [leave it on] prior to shutting down I always shut down
> when the temperature is 40C or about 104F.
>
> I have a Taylor outboard digital thermometer to measure the exhaust air
> directly out of the rear chimney. This also gives the temperature in "F" as
> the 2000A only displays "C".
>
> There is a variance between the internal and external temperature readings
> but that's expected and not a problem.
>
> Oh, finally the 100+ degree exhaust air really helps keep the radio room
> warm and toasty on these cold Arizona 80 degree [F] days!!!!
>
> Marty ka7gkn
>
> > What's the normal safe tube operating range, 65 - 85 c ?????
> >
> > 73 de KE4WY Jim
> >
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

3438. RE: [acom-list] RE:

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 11:21:57 UTC
From: Callum MØMCX
Topic: 3436 Message: 3438

Looks like Paul□s email□s been cracked. If you know this guy, tell him.

In the meantime, may I request the moderator removes him from the list so
that all our email addresses can□t be harvested.

Thanks.

Callum McCormick

t: 07976 631881

<http://www.m0mcx.co.uk/> http://www.m0mcx.co.uk/

From: acom-list@yahoogroups.com [mailto:acom-list@yahoogroups.com] On Behalf
Of VK THREE AJJ PAUL
Sent: 13 November 2009 00:47
To: undisclosed recipients:
Subject: [acom-list] RE:

Hey
How are you doing? I bought one white apple iphone 3gs from this website
www.ayoeft.com to my surprise,it's genuine, much cheaper.You can check
it,Hope all is going well for you.
Kind Regards

[Non-text portions of this message have been removed]

3439. Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 15:19:45 UTC
From: kamarty456
Topic: 3431 Message: 3439

Gosh, I found the information reading my amplifier documentation and viewing older posts.....Sarcastically, I will save the lazy ones from researching the wealth of information in older posts on this reflector!

From the tube specification sheet.....maximum operating envelope temperature 200C or about 392F

From Acom....Exhaust air temperature when the optional 24VDC fan is mounted is accelerated at 90C,194F, and slows down when the exhaust air temperature drops to 80C,176F.

Full measurement scale on the RCU is 130C,266F, 10C,18F degrees per bar. and is an acceptable working range.
A ">" sign appears when the scale is overflowed and protection trips in at 150C,302F threshold.

If the temperature is higher than 90C,194F, when you shut the amplifier off, the tubes are instantly powered off but the blower continues to continue cooling until the temperature drops to 80C,176F

Another protection system monitors the air motion in the tube deck volume. This would prevent the control system from being let down while measuring a low temperature but still standing air above the tubes. You'll get a "low airflow" message in such conditions. [better English]...If you lose air flow or the air flow is reduced you'll get a low airflow message]

Typically this can be caused by a dirty air filter etc.

Again when the amp reaches 150C, 302F the amp faults and protection kicks in. The specs on the tube states maximum plate temperature is
200C, 392F...so you can see Acom has designed plenty of room to ensure you never cook your tube!

I also strongly recommend you allow the tubes to cool down to
40C,104F or no more than 50C,122F This will slowly cool the tube and reduce thermal shock.

Hope this helps....

Martin KA7GKN

3440. Re: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 15:26:02 UTC
From: Paul M Dunphy
Topic: 3431 Message: 3440

At 11:19 AM 11/13/2009, you wrote, in part:

>I also strongly recommend you allow the tubes to cool down to
>40C,104F or no more than 50C,122F This will slowly cool the tube and
>reduce thermal shock.
>
>Hope this helps....
>
>
>Martin KA7GKN

Just using an ACOM-1000 here, but I couldn't agree more. I
NEVER shut it off until the exhaust temperature drops below 40 C, and
after the 150 second warm-up, I usually leave it for an extra minute
or two before transmitting. It might be overkill, but I haven't
missed anything rare because of the extra time on warm-up. On
cool-off, even if you have it driven up to 70-80 C, it will drop to
40 C quite quickly. An ounce of prevention! Still on the original
tube after 3 years of 5-8 ours of daily use. :-)

73, Paul VE1DX

3441. Re: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 15:51:24 UTC
From: Jim
Topic: 3431 Message: 3441

Guys agree with all said.

Have read manual & seen all mentioned but it dosn't come out & mention a safe operating temp....but then I can assume 149c....then I don't want to keep running mine in the 140 range although I don' think it' made the 70c range. Already mentioned foam filter cleaning to him.

Just trying to get a question answered for the guy. This is what I get for trying to be helpful to a fellow ham.

149 c is safe, period. Eod.

73 de ke4wy Jim

Sent from my iPod

On Nov 13, 2009, at 10:19 AM, "kamarty456" <martins160@...>
wrote:

> Gosh, I found the information reading my amplifier documentation and
> viewing older posts.....Sarcastically, I will save the lazy ones
> from researching the wealth of information in older posts on this
> reflector!
>
> From the tube specification sheet.....maximum operating envelope
> temperature 200C or about 392F
>
> From Acom....Exhaust air temperature when the optional 24VDC fan is
> mounted is accelerated at 90C,194F, and slows down when the exhaust
> air temperature drops to 80C,176F.
>
> Full measurement scale on the RCU is 130C,266F, 10C,18F degrees per
> bar. and is an acceptable working range.
> A ">" sign appears when the scale is overflowed and protection trips
> in at 150C,302F threshold.
>
> If the temperature is higher than 90C,194F, when you shut the
> amplifier off, the tubes are instantly powered off but the blower
> continues to continue cooling until the temperature drops to 80C,176F
>
> Another protection system monitors the air motion in the tube deck
> volume. This would prevent the control system from being let down
> while measuring a low temperature but still standing air above the
> tubes. You'll get a "low airflow" message in such conditions.
> [better English]...If you lose air flow or the air flow is reduced
> you'll get a low airflow message]
>

> Typically this can be caused by a dirty air filter etc.
>
> Again when the amp reaches 150C, 302F the amp faults and protection
> kicks in. The specs on the tube states maximum plate temperature is
> 200C, 392F...so you can see Acom has designed plenty of room to
> ensure you never cook your tube!
>
> I also strongly recommend you allow the tubes to cool down to
> 40C,104F or no more than 50C,122F This will slowly cool the tube and
> reduce thermal shock.
>
> Hope this helps....
>
>
> Martin KA7GKN
>
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> ------------------------------------
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3442. Re: [acom-list] Re: Normal Safe tube operating range

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-13 15:55:18 UTC
From: Mel Whitten
Topic: 3431 Message: 3442

Thanks Martin for the reserach and answer to my question about opeartion of external fan. I'll tuck this info inside my Acom folder.

Mel, K0PFX

----- Original Message -----
From: kamarty456
To: acom-list@yahoogroups.com
Sent: Friday, November 13, 2009 9:19 AM
Subject: [acom-list] Re: Normal Safe tube operating range

Gosh, I found the information reading my amplifier documentation and viewing older posts.....Sarcastically, I will save the lazy ones from researching the wealth of information in older posts on this reflector!

From the tube specification sheet.....maximum operating envelope temperature 200C or about 392F

From Acom....Exhaust air temperature when the optional 24VDC fan is mounted is accelerated at 90C,194F, and slows down when the exhaust air temperature drops to 80C,176F.

Full measurement scale on the RCU is 130C,266F, 10C,18F degrees per bar. and is an acceptable working range.
A ">" sign appears when the scale is overflowed and protection trips in at 150C,302F threshold.

If the temperature is higher than 90C,194F, when you shut the amplifier off, the tubes are instantly powered off but the blower continues to continue cooling until the temperature drops to 80C,176F

Another protection system monitors the air motion in the tube deck volume. This would prevent the control system from being let down while measuring a low temperature but still standing air above the tubes. You'll get a "low airflow" message in such conditions. [better English]...If you lose air flow or the air flow is reduced you'll get a low airflow message]

Typically this can be caused by a dirty air filter etc.

Again when the amp reaches 150C, 302F the amp faults and protection kicks in. The specs on the tube states maximum plate temperature is
200C, 392F...so you can see Acom has designed plenty of room to ensure you never cook your tube!

I also strongly recommend you allow the tubes to cool down to
40C,104F or no more than 50C,122F This will slowly cool the tube and reduce thermal shock.

Hope this helps....

Martin KA7GKN

[Non-text portions of this message have been removed]

3443. ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-14 20:07:50 UTC
From: k3kok3ko
Topic: 3443 Message: 3443

Others here have described how the nuts drop off inside the unit when unscrewing the filter screws.

Anybody come up with a way to removing/cleaning the filter that doesn't involve such nonsense?

73 de Brian/K3KO

3444. Re: [acom-list] ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-14 20:19:11 UTC
From: Paul M Dunphy
Topic: 3443 Message: 3444

At 04:07 PM 11/14/2009, you wrote:
>Others here have described how the nuts drop off inside the unit
>when unscrewing the filter screws.
>
>Anybody come up with a way to removing/cleaning the filter that
>doesn't involve such nonsense?
>
>73 de Brian/K3KO

Nope. I just vacuum it from the outside and that seems to get
95% of the crud out.

73, Paul VE1DX

3445. Re: ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-15 03:42:39 UTC
From: kamarty456
Topic: 3443 Message: 3445

Just a heads up on the screws. the threads are a cinch type and if you over torque your screws they may and often twist off!

I suggest you use a #1 pozidrive bit as the #1 Phillips head does not fit well...these are metric heads and threads!!!!! #2 Phillips head is too large.

When tightening them do not use any power driver as they have way too much torque ..even at low clutch settings.

Screw by hand slowly until it stops. No pressure...if you must torque any further less than 1/8 turn is more than enough.

When unscrewing carefully press down lightly to ensure the bit seats well into the screw head. Then with a light touch twist counter clock wise...[for those of you using a digital watch you'll have to figure out what that means] Again it's preferred that you do this by hand and not use a power driver as tempting as it may be.

There are plenty of screws within the cover to ensure minimal RF leakage so don't worry about not torquing the daylights out of them.
You simply want to ensure the cover is evenly secured and all the screws are [key word here] "SNUG"

I have the 2000A so the filter snaps on from the outside and I wash it once every 2 months. I also have a metal mesh pre-filter as in AZ it's really dusty here!

Martin KA7GKN

--- In acom-list@yahoogroups.com, "k3kok3ko" <alsopb@...> wrote:
>
> Others here have described how the nuts drop off inside the unit when unscrewing the filter screws.
>
> Anybody come up with a way to removing/cleaning the filter that doesn't involve such nonsense?
>
> 73 de Brian/K3KO
>

3446. RE: [acom-list] ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-15 17:28:31 UTC
From: Kees - pa7two
Topic: 3443 Message: 3446

Hi Brian,

The vacuum cleaner (hoover) hose in one hand, and an old toothbrush in the other. Ohh yeah, so simple and effective!

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: alsopb@...
Date: Sat, 14 Nov 2009 20:07:50 +0000
Subject: [acom-list] ACOM1000 filter

Others here have described how the nuts drop off inside the unit when unscrewing the filter screws.

Anybody come up with a way to removing/cleaning the filter that doesn't involve such nonsense?

73 de Brian/K3KO

Windows 7: I wanted simpler, now it's simpler. I'm a rock star.
http://www.microsoft.com/Windows/windows-7/default.aspx?h=myidea?ocid=PID24727::T:WLMTAGL:ON:WL:en-US:WWL_WIN_myidea:112009

[Non-text portions of this message have been removed]

3447. Re: [acom-list] ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-15 18:48:57 UTC
From: Brian Alsop
Topic: 3443 Message: 3447

Kees,
Thanks tip.
Have done this. Not sure whether it was effective or not. Guess I'll have to put in some more hours in WAE-RTTY and watch the air temp.

Too bad the filter isn't notched around the screw holes. Once notched one might slightly loosen the attach screws and flex the filter out. Of course, one has to first remove the filter to notch it.

73 de Brian/K3KO

Kees - pa7two wrote:
> Hi Brian,
>
> The vacuum cleaner (hoover) hose in one hand, and an old toothbrush in the other. Ohh yeah, so simple and effective!
>
> Vy 73, de Kees.
>
>
> Member of an all HAM family. ** CW IS! ** DX IS! **
>
> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.
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> To: acom-list@yahoogroups.com
> From: alsopb@...
> Date: Sat, 14 Nov 2009 20:07:50 +0000
> Subject: [acom-list] ACOM1000 filter
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> --
> Windows 7: I wanted simpler, now it's simpler. I'm a rock star.
> http://www.microsoft.com/Windows/windows-7/default.aspx?h=myidea?ocid=PID24727::T:WLMTAG

L:ON:WL:en-US:WWL_WIN_myidea:112009
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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3448. RE: [acom-list] ACOM1000 filter

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-15 21:20:30 UTC
From: Kees - pa7two
Topic: 3443 Message: 3448

Hi Brian,

Yes it works fine that method. Keep the hover hose close to the toothbrush when you clean the filter. No more need to remove the filter at all :-)

See yah on the bands,

Vy 73, de Kees.

Member of an all HAM family. ** CW IS! ** DX IS! **

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: alsopb@...
Date: Sun, 15 Nov 2009 18:48:57 +0000
Subject: Re: [acom-list] ACOM1000 filter

Kees,

Thanks tip.

Have done this. Not sure whether it was effective or not. Guess I'll

have to put in some more hours in WAE-RTTY and watch the air temp.

Too bad the filter isn't notched around the screw holes. Once notched

one might slightly loosen the attach screws and flex the filter out. Of

course, one has to first remove the filter to notch it.

73 de Brian/K3KO

Kees - pa7two wrote:

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>

> Member of an all HAM family. ** CW IS! ** DX IS! **

>

> AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

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> To: acom-list@yahoogroups.com

> From: alsopb@...m

> Date: Sat, 14 Nov 2009 20:07:50 +0000

> Subject: [acom-list] ACOM1000 filter

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> 73 de Brian/K3KO

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L:ON:WL:en-US:WWL_WIN_myidea:112009

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> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links

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Windows 7: It works the way you want. Learn more.
http://www.microsoft.com/Windows/windows-7/default.aspx?ocid=PID24727::T:WLMTAGL:ON:WL:en-US:WWL_WIN_evergreen:112009v2

[Non-text portions of this message have been removed]

3449. Acom 2000 bias too low again !

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-15 22:25:34 UTC
From: la7sl
Topic: 3449 Message: 3449

Hi !
Our old Acom 2000A is having problems. I get the famous bias too low (-75V) message just as "countdown" is finished. It does not show any error message during countdown (warmup). I have measured the bias output from the inteface board, and it shows -124 volts during countdown and immediately goes to -75v at countdown finish. For those who know this circuit there are two possibilities : The circuit gets a false ENABLE from CPU and thinks it is in OPR with PTT closed, OR there is a false load coming on the BIAS line at the very moment countdown is through. I have excluded the false enable option by checking this input with a scope. I have also tied the INHIBIT input to high to block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility is excluded. It must then be the second. WHAT can suddenly load the bias line at the very moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
The only possible answer seems to be a G1>G2 internal leak in the tube. Any comments gentlemen ? My brain is getting old and slow :-(
Peter LA7SL

3450. Re: [acom-list] Acom 2000 bias too low again !/correction

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-16 09:45:09 UTC
From: LA7SL-Nils P. Pedersen
Topic: 3450 Message: 3450

The line in my mail to group:
"...I have also
measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. ...."
SHOULD read : "No current change is measured here at any time"
In other words ; I can not see any change inn passed current when BIAS drops after countdown. R50 passes a very small current during warmup, but I see no sudden change.
Peter

----- Original Message -----
From: la7sl
To: acom-list@yahoogroups.com
Sent: Sunday, November 15, 2009 11:25 PM
Subject: [acom-list] Acom 2000 bias too low again !

Hi !
Our old Acom 2000A is having problems. I get the famous bias too low (-75V) message just as "countdown" is finished. It does not show any error message during countdown (warmup). I have measured the bias output from the inteface board, and it shows -124 volts during countdown and immediately goes to -75v at countdown finish. For those who know this circuit there are two possibilities : The circuit gets a false ENABLE from CPU and thinks it is in OPR with PTT closed, OR there is a false load coming on the BIAS line at the very moment countdown is through. I have excluded the false enable option by checking this input with a scope. I have also tied the INHIBIT input to high to block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility is excluded. It must then be the second. WHAT can suddenly load the bias line at the ver y moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
The only possible answer seems to be a G1>G2 internal leak in the tube. Any comments gentlemen ? My brain is getting old and slow :-(
Peter LA7SL

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00

[Non-text portions of this message have been removed]

3451. Arc Fault detection

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-23 17:42:25 UTC
From: N1EU
Topic: 3451 Message: 3451

Does anyone know if there is a means to temporarily disable arc fault detection in the 2000A?

Tnx/73,
Barry N1EU

3452. Arc Fault detection

Yahoo group: acom-list (1999 — 2009)
Date: 2009-11-23 17:48:09 UTC
From: Hal Kennedy
Topic: 3451 Message: 3452

To my knowledge, no Barry, there is no way to go into the software from the RDU and change anything. I once asked ACOM if I could change the temp setting for the external fan to come on. Its 90C and I'd prefer something like 75C. Answer was: not possible to change anything from the RDU.

I have studied the schematic RE: the arc-fault detector. It is easy to lift a wire and shut it off that way. It is also easy to change one or two component values and make it less sensitive. I never did - I finally decided it was doing what I wanted it to..

Best 73
Hal, N4GG

[Non-text portions of this message have been removed]

3453. pw1

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-14 14:06:21 UTC
From: paul glassman
Topic: 3430 Message: 3453

hi all,
   i have a current model of the pw1 with the pass thru for operating with the amp off. i am looking to trade for an acom 2000a. let me know if you have any interest.
73 paul w8jn

[Non-text portions of this message have been removed]

3454. Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-15 14:54:15 UTC
From: pa7two
Topic: 3454 Message: 3454

Hi all,

I was not aware of the fact that Acom currently produces an Acom 1011 amplifier with 4Cx250B tubes these days?

I am surprised about the tune change. A 4CX250B has only 250 watt dissipation capacity, a draw back to me compared to the GU74B tube which has 800 watt dissipation capacity...

According to the manual,these 4CX250B tubes should not replaced by the user, too complicated process, and unit has to go back to the dealer in that case...

Vy 73, de Kees.

3455. Re: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-15 20:12:28 UTC
From: Hans Remeeus
Topic: 3454 Message: 3455

Difona showed the Acom 1011 in Dortmund on December 5th.

Read this about the tubes:
http://www.w8ji.com/vacuum_tubes_and_vaccum_tube_failures.htm
The actual plate dissipation is the time-integrated amount of anode
current and voltage. In an amplifier with steady current, anode
dissipation is found quite easily by multiplying the accelerating
voltage (anode-cathode potential) times anode current. In an amplifier
system, dissipation is a complex function of the constantly changing
anode voltage and current. In such systems, a very close approximation
of anode dissipation is given by multiplying average anode current by
average anode voltage, and deducting the useful power extracted by the load.
And more...

500-700 Watt output in most case is enough for easy contacts (without
collecting the Worked All Neighbours certificate) and in several
countries more than allowed.

4CX250B tubes are easy to obtain.

The 1011 is compact and easy to handle.

The mechanical construction is very solid.

Noise reduced fan.

Heat up time of 30 secs.

The price is within reach for many people.

Another excellent product of Acom!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Vriendelijke groeten,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

pa7two schreef:
> Hi all,
>
> I was not aware of the fact that Acom currently produces an Acom 1011 amplifier with
4Cx250B tubes these days?
>

> I am surprised about the tune change. A 4CX250B has only 250 watt dissipation capacity, a draw back to me compared to the GU74B tube which has 800 watt dissipation capacity...
>
> According to the manual,these 4CX250B tubes should not replaced by the user, too complicated process, and unit has to go back to the dealer in that case...
>
> Vy 73, de Kees.
>
>

3456. Re: Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-15 20:28:29 UTC
From: pa1hr
Topic: 3454 Message: 3456

Difona showed the Acom 1011 in Dortmund on December 5th.

Read this: http://www.w8ji.com/vacuum_tubes_and_vaccum_tube_failures.htm
The actual plate dissipation is the time-integrated amount of anode current and voltage. In an amplifier with steady current, anode dissipation is found quite easily by multiplying the accelerating voltage (anode-cathode potential) times anode current. In an amplifier system, dissipation is a complex function of the constantly changing anode voltage and current. In such systems, a very close approximation of anode dissipation is given by multiplying average anode current by average anode voltage, and deducting the useful power extracted by the load.
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73,
Hans Remeeus (PA1HR)
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--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi all,
>
> I was not aware of the fact that Acom currently produces an Acom 1011 amplifier with 4Cx250B tubes these days?
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> According to the manual,these 4CX250B tubes should not replaced by the user, too complicated process, and unit has to go back to the dealer in that case...
>
> Vy 73, de Kees.

>

3457. RE: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-15 21:25:44 UTC
From: Kees - pa7two
Topic: 3454 Message: 3457

Some corrections Hans,

The tube manufacturer stated a minimum heat-up time of 60 seconds. This is also stated in the manual -> :
NOTE: A minimum 30 seconds cathode warmup time is required but 60 seconds is recommended by the tube producer.

The basis of the Acom 1011 model is based on the Acom 1010, nothing changed to better or greater performance in the new model. The Acom 1010 was a trimmed down version of the Acom 1000 and the new Acom 1011 is exactly the same range.

In comparison to in example the Acom 1000, the Acom 1010/1011 has no QSK capability because the relays are normal 2 x8A/250VAC types instead of vacuum relays, has cheap CB1.1 & CB1.2 & CB2 CAPs around the two Plate chokes, and has no 50MHz capability due to lower transformer power-rating, lower HV-diodes current rating, less HV-filter capacitance, reduced RF-Tank coils size, the padding caps power rating is lower and lower cooling air flow.

So, having the above in mind, if I had the choice of a Acom 1011 or a Acom 1010, I would choose the latter. Mainly due to the far more rugged and easy to get GU74B tube and furthermore it is always better to use one instead of two tubes if the aim for the output power is exactly the same. (Both are advertised for 700 watts RF).

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@yahoogroups.com
From: hans@...
Date: Tue, 15 Dec 2009 21:12:28 +0100
Subject: Re: [acom-list] Acom 1011

Difona showed the Acom 1011 in Dortmund on December 5th.

Read this about the tubes:

http://www.w8ji.com/vacuum_tubes_and_vaccum_tube_failures.htm

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current and voltage. In an amplifier with steady current, anode

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pa7two schreef:

> Hi all,

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> I was not aware of the fact that Acom currently produces an Acom 1011 amplifier with 4Cx250B tubes these days?

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> I am surprised about the tune change. A 4CX250B has only 250 watt dissipation capacity, a draw back to me compared to the GU74B tube which has 800 watt dissipation capacity...

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> According to the manual,these 4CX250B tubes should not replaced by the user, too complicated process, and unit has to go back to the dealer in that case...

>

> Vy 73, de Kees.

>

>

Hotmail: Free, trusted and rich email service.
http://clk.atdmt.com/GBL/go/171222984/direct/01/

[Non-text portions of this message have been removed]

3458. Re: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 06:46:36 UTC
From: Hans Remeeus
Topic: 3454 Message: 3458

Kees,

Did you see the 1010 and 1011 next to each other? I did... In Dortmund.

Look at this site and you will see the differences:
http://www.wimo.com/cgi-bin/verteiler.pl?url=amplifier-acom_e.html

---> Heat up time reduced to 30 seconds <---

You cannot compare the 1011 with the 1000, because it is another price
range; 1575 vs 2395 euro.

Of course you prefer the GU74b... ROFL!

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
> Some corrections Hans,
>
> The tube manufacturer stated a minimum heat-up time of 60 seconds. This is also stated in the manual -> :
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> In comparison to in example the Acom 1000, the Acom 1010/1011 has no QSK capability because the relays are normal 2 x8A/250VAC types instead of vacuum relays, has cheap CB1.1 & CB1.2 & CB2 CAPs around the two Plate chokes, and has no 50MHz capability due to lower transformer power-rating, lower HV-diodes current rating, less HV-filter capacitance, reduced RF-Tank coils size, the padding caps power rating is lower and lower cooling air flow.
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> So, having the above in mind, if I had the choice of a Acom 1011 or a Acom 1010, I would choose the latter. Mainly due to the far more rugged and easy to get GU74B tube and furthermore it is always better to use one instead of two tubes if the aim for the output power is exactly the same. (Both are advertised for 700 watts RF).
>

3459. RE: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 09:16:23 UTC
From: Kees - pa7two
Topic: 3454 Message: 3459

Hi Hans,

Please read my previous message carefully, I stated "in COMPARISON to the Acom 1000" and did a technical sum-up why this is a cheaper, less robust amplifier and has furthermore less functionalities.

In the manual is a 60 seconds heat-up time mentioned because the tube manufacturer asks for this fact. I copied the text from the Acom 1011 manual. So, the 30 seconds heat-up time is incorrect and it shall shorten the tubes life time.

I do not understand your comment about the tube (LOL) : -> My choice is solely based on the technical fact that the GU74B is able to dissipate 800 watt on the anode and the fact that one single tube is used to obtain the same output power. I think it is very hard to challenge those facts Hans.

If one needs, the Difona website shows photos of both amps and furtermore has both manuals made available on-line with the schematics.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Wed, 16 Dec 2009 07:46:36 +0100
Subject: Re: [acom-list] Acom 1011

Kees,

Did you see the 1010 and 1011 next to each other? I did... In Dortmund.

Look at this site and you will see the differences:

http://www.wimo.com/cgi-bin/verteiler.pl?url=amplifier-acom_e.html

---> Heat up time reduced to 30 seconds <---

You cannot compare the 1011 with the 1000, because it is another price

range; 1575 vs 2395 euro.

Of course you prefer the GU74b... ROFL!

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Kees - pa7two schreef:

> Some corrections Hans,

>

> The tube manufacturer stated a minimum heat-up time of 60 seconds. This is also stated in the manual -> :

> NOTE: A minimum 30 seconds cathode warmup time is required but 60 seconds is recommended by the tube producer.

>

> The basis of the Acom 1011 model is based on the Acom 1010, nothing changed to better or greater performance in the new model. The Acom 1010 was a trimmed down version of the Acom 1000 and the new Acom 1011 is exactly the same range.

>

> In comparison to in example the Acom 1000, the Acom 1010/1011 has no QSK capability because the relays are normal 2 x8A/250VAC types instead of vacuum relays, has cheap CB1.1 & CB1.2 & CB2 CAPs around the two Plate chokes, and has no 50MHz capability due to lower transformer power-rating, lower HV-diodes current rating, less HV-filter capacitance, reduced RF-Tank coils size, the padding caps power rating is lower and lower cooling air flow.

>

> So, having the above in mind, if I had the choice of a Acom 1011 or a Acom 1010, I would choose the latter. Mainly due to the far more rugged and easy to get GU74B tube and furthermore it is always better to use one instead of two tubes if the aim for the output power is exactly the same. (Both are advertised for 700 watts RF).

>

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

[Non-text portions of this message have been removed]

3460. Re: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 09:55:22 UTC
From: Hans Remeeus
Topic: 3454 Message: 3460

Kees,

I was trying to tell the group that IMHO the Acom 1011 is a very nice
and solid amplifier for a very friendly price.

Unfortunately it always is very difficult to discuss with you. When you
will get your right, just go ahead. I don't care at all...

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
> Hi Hans,
>
> Please read my previous message carefully, I stated "in COMPARISON to the Acom 1000" and did a technical sum-up why this is a cheaper, less robust amplifier and has furthermore less functionalities.
>
> In the manual is a 60 seconds heat-up time mentioned because the tube manufacturer asks for this fact. I copied the text from the Acom 1011 manual. So, the 30 seconds heat-up time is incorrect and it shall shorten the tubes life time.
>
> I do not understand your comment about the tube (LOL) : -> My choice is solely based on the technical fact that the GU74B is able to dissipate 800 watt on the anode and the fact that one single tube is used to obtain the same output power. I think it is very hard to challenge those facts Hans.
>
> If one needs, the Difona website shows photos of both amps and furtermore has both manuals made available on-line with the schematics.
>
>
>

3461. RE: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 11:25:13 UTC
From: Kees - pa7two
Topic: 3454 Message: 3461

Hi Hans,

Let us get things straight here, I was telling the Acom reflector members that a new Acom 1011 amplifier was brought to market. Next you came up with some incorrect / in my opinion questionable statements, on which I replied.

FYI: I use an Acom 1010 for portable usage myself, based on your recent statements I am almost sure to the full extend you are not. This means that your judgements are based on non operational exposures. The Acom 1010 is a good quality amplifier, I am very happy with the device, but it has (logical) drawbacks compared to the higher scaled / prices Acom models.

So back to the reason I replied to your message. Reply with correct facts and I fully agree on the statements. This applies to anyone. However, it seems like some of us always things they know better. And when in that case I know for 100% that the statements are questionable, I reply with an explanation why I think that is not the case.

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: hans@...
Date: Wed, 16 Dec 2009 10:55:22 +0100
Subject: Re: [acom-list] Acom 1011

Kees,

I was trying to tell the group that IMHO the Acom 1011 is a very nice

and solid amplifier for a very friendly price.

Unfortunately it always is very difficult to discuss with you. When you

will get your right, just go ahead. I don't care at all...

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Kees - pa7two schreef:

> Hi Hans,

>

> Please read my previous message carefully, I stated "in COMPARISON to the Acom 1000" and did a technical sum-up why this is a cheaper, less robust amplifier and has furthermore less functionalities.

>

> In the manual is a 60 seconds heat-up time mentioned because the tube manufacturer asks for this fact. I copied the text from the Acom 1011 manual. So, the 30 seconds heat-up time is incorrect and it shall shorten the tubes life time.

>

> I do not understand your comment about the tube (LOL) : -> My choice is solely based on the technical fact that the GU74B is able to dissipate 800 watt on the anode and the fact that one single tube is used to obtain the same output power. I think it is very hard to challenge those facts Hans.

>

> If one needs, the Difona website shows photos of both amps and furtermore has both manuals made available on-line with the schematics.

>

>

>

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http://clk.atdmt.com/GBL/go/177141665/direct/01/

[Non-text portions of this message have been removed]

3462. Re: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 12:18:34 UTC
From: Hans Remeeus
Topic: 3454 Message: 3462

You are right Kees, as always.

73,
Hans Remeeus (PA1HR)
http://www.remeeus.eu
Communication is about people, the rest is technology.

Kees - pa7two schreef:
> Hi Hans,
>
> Let us get things straight here, I was telling the Acom reflector members that a new Acom 1011 amplifier was brought to market. Next you came up with some incorrect / in my opinion questionable statements, on which I replied.
>
> FYI: I use an Acom 1010 for portable usage myself, based on your recent statements I am almost sure to the full extend you are not. This means that your judgements are based on non operational exposures. The Acom 1010 is a good quality amplifier, I am very happy with the device, but it has (logical) drawbacks compared to the higher scaled / prices Acom models.
>
> So back to the reason I replied to your message. Reply with correct facts and I fully agree on the statements. This applies to anyone. However, it seems like some of us always things they know better. And when in that case I know for 100% that the statements are questionable, I reply with an explanation why I think that is not the case.
>
>

3463. RE: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 12:48:16 UTC
From: Kees - pa7two
Topic: 3454 Message: 3463

Hi Hans,

There we go. To write down that statement was not so difficult after all, right!

Vy 73, de Kees.

Member of an all HAM family.

AmateurRadio : PA7TWO - M5TWO Locator: JO22jp.

To: acom-list@...m
From: hans@...
Date: Wed, 16 Dec 2009 13:18:34 +0100
Subject: Re: [acom-list] Acom 1011

You are right Kees, as always.

73,

Hans Remeeus (PA1HR)

http://www.remeeus.eu

Communication is about people, the rest is technology.

Kees - pa7two schreef:

> Hi Hans,

>

> Let us get things straight here, I was telling the Acom reflector members that a new Acom 1011 amplifier was brought to market. Next you came up with some incorrect / in my opinion questionable statements, on which I replied.

>

> FYI: I use an Acom 1010 for portable usage myself, based on your recent statements I am almost sure to the full extend you are not. This means that your judgements are based on non operational exposures. The Acom 1010 is a good quality amplifier, I am very happy with the device, but it has (logical) drawbacks compared to the higher scaled / prices Acom models.

>

> So back to the reason I replied to your message. Reply with correct facts and I fully agree on the statements. This applies to anyone. However, it seems like some of us always things they know better. And when in that case I know for 100% that the statements are questionable, I reply with an explanation why I think that is not the case.

>

>

Hotmail: Free, trusted and rich email service.
http://clk.atdmt.com/GBL/go/171222984/direct/01/

[Non-text portions of this message have been removed]

3464. Re: [acom-list] Acom 1011

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-15 21:23:59 UTC
From: Steve Tripp (K1IIG)
Topic: 3454 Message: 3464

----- Original Message -----
From: pa7two
To: acom-list@yahoogroups.com
Sent: Tuesday, December 15, 2009 9:54 AM
Subject: [acom-list] Acom 1011

Hi all,

I was not aware of the fact that Acom currently produces an Acom 1011 amplifier with 4Cx250B tubes these days?

I am surprised about the tune change. A 4CX250B has only 250 watt dissipation capacity, a draw back to me compared to the GU74B tube which has 800 watt dissipation capacity...

According to the manual,these 4CX250B tubes should not replaced by the user, too complicated process, and unit has to go back to the dealer in that case...

Vy 73, de Kees.

[Non-text portions of this message have been removed]

3465. Acom 1000 copy, need chimney

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 16:32:57 UTC
From: Paul
Topic: 3465 Message: 3465

Hi all,

Im new to the group, I own a copy of a Acom 1000 and need a chimney.
Anyone got one laying around they want to sell ?

About my amp:
most of the RF deck came from Acom and for the control side
the G3SEK "GM3SEK" Tetrode control / protection boards.

I will soon add some photos of the inside of the amp to my site.

Paul G0HWC
http://www.g0hwc.com

3466. RE: [acom-list] Acom 1000 copy, need chimney

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 16:38:20 UTC
From: Kees - pa7two
Topic: 3465 Message: 3466

Hi Paul,

Great stuff. Would definitely like to see the photos!

Vy 73, de Kees.

To: acom-list@yahoogroups.com
From: paul@...
Date: Wed, 16 Dec 2009 16:32:57 +0000
Subject: [acom-list] Acom 1000 copy, need chimney

Hi all,

Im new to the group, I own a copy of a Acom 1000 and need a chimney.

Anyone got one laying around they want to sell ?

About my amp:

most of the RF deck came from Acom and for the control side

the G3SEK "GM3SEK" Tetrode control / protection boards.

I will soon add some photos of the inside of the amp to my site.

Paul G0HWC

http://www.g0hwc.com

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

[Non-text portions of this message have been removed]

3467. New file uploaded to acom-list

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-16 21:26:10 UTC
From: acom-list@yahoogroups.com
Topic: 318 Message: 3467

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the acom-list
group.

File : /4CX250B-7203.pdf
Uploaded by : pa7two <pa7two@...>
Description : Tube data & specs 4CX250B (7203) EIMAC for Acom 1011

You can access this file at the URL:
http://groups.yahoo.com/group/acom-list/files/4CX250B-7203.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

pa7two <pa7two@...>

3468. New Acom 1000 Super Quiet & Found some Dust Covers for it

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-17 20:25:14 UTC
From: n4jdu
Topic: 3468 Message: 3468

Hi Guys I too am a new owner of trhe Acom 1000. I started watching the reflector about 6 months ago and remember a discussion about cleaning and keeping lint away from the inside of the Chasis. Well I found a website called www.radiodustcovers.co. that produces custom dust covers in felt+vinyl or in wool/felt. te
hey look quite nice. So if anyone wants a custome cover with call and logo heres the spot. I really enjoy the quiet nature of this amp.
has anyone seen the tuning video and can direct me to it. the TRI system video?

Thanks

Jeff, N4JDU

3469. Re: [acom-list] Acom 1000 copy, need chimney

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-18 16:57:58 UTC
From: Paul Young
Topic: 3465 Message: 3469

Photos here:

http://g0hwc.com/private.html

Paul G0HWC

From: "Kees - pa7two" <pa7two@...>
Sent: Wednesday, December 16, 2009 4:38 PM
To: "ACOM Reflector site" <acom-list@yahoogroups.com>
Subject: RE: [acom-list] Acom 1000 copy, need chimney

> Hi Paul,
>
> Great stuff. Would definitely like to see the photos!
>
>
> Vy 73, de Kees.
>
>
> To: acom-list@yahoogroups.com
> From: paul@...
> Date: Wed, 16 Dec 2009 16:32:57 +0000
> Subject: [acom-list] Acom 1000 copy, need chimney
>

> Hi all,
>
>
>
> Im new to the group, I own a copy of a Acom 1000 and need a chimney.
>
> Anyone got one laying around they want to sell ?
>
>
>
> About my amp:
>
> most of the RF deck came from Acom and for the control side
>
> the G3SEK "GM3SEK" Tetrode control / protection boards.
>
>
>
> I will soon add some photos of the inside of the amp to my site.

>
>
>
> Paul G0HWC
>
> http://www.g0hwc.com
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> Hotmail: Trusted email with powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/177141665/direct/01/
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.716 / Virus Database: 270.14.109/2567 - Release Date:
> 12/15/09 19:58:00
>

3470. Re: [acom-list] Acom 1000 copy, need chimney

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-18 17:29:50 UTC
From: Paul M Dunphy
Topic: 3465 Message: 3470

At 12:57 PM 12/18/2009, Paul Young wrote:
>Photos here:
>
>http://g0hwc.com/private.html
>
>Paul G0HWC

That's *very* impressive, Paul! Looks to be extremely well
built and I bet it plays well. Who says the days of homebrewing are over!!!

73, Paul VE1DX

3471. Re: Acom 2000 bias too low again !/ SOLVED !

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-21 21:30:23 UTC
From: la7sl
Topic: 3450 Message: 3471

Hi all !
The problem was actually an internal leak between G1 and G2 in one of the tubes. This in turn pulled on the G1 bias causing it to go far too low. The tube fault altso caused transistors Q1 and Q2 on the HVSG board (G2 regulator) to fail into short circuit.(Q1 is replaced with a higher voltage type in later production) This brought the G2 bias from 12v to 430V in STBY ! As the amp measuring sequence at startup is G1-g2 etc the RCU showed the G1 bias pull and then the amp went power off. Stan at Acom Bulgaria has been extremely helpful and has given me a lot of good support. This is great service ! Thank you Stan !
Merry Christmas to everybody !

73's de LA7SL Peter

--- In acom-list@yahoogroups.com, " LA7SL-Nils P. Pedersen" <la7sl@...> wrote:
>
> The line in my mail to group:
> "...I have also
> measured voltage drop through the resistor (R50)in series with Q9 (the dropping
> transistor) to see if it passes any current. No current is passed here at any
> time. ...."
> SHOULD read : "No current change is measured here at any time"
> In other words ; I can not see any change inn passed current when BIAS drops
> after countdown. R50 passes a very small current during warmup, but I see no
> sudden change.
> Peter
>
> ----- Original Message -----
> From: la7sl
> To: acom-list@yahoogroups.com
> Sent: Sunday, November 15, 2009 11:25 PM
> Subject: [acom-list] Acom 2000 bias too low again !
>
>
>
> Hi !
> Our old Acom 2000A is having problems. I get the famous bias too
> low (-75V) message just as "countdown" is finished. It does not show any error message during countdown (warmup). I have measured the bias output from the inteface board, and it shows -124 volts during countdown and immediately goes to -75v at countdown finish. For those who know this circuit there are two possibilities : The circuit gets a false ENABLE from CPU and thinks it is in OPR with PTT closed, OR there is a false load coming on the BIAS line at the very moment countdown is through. I have excluded the false enable option by checking this input with a scope. I have also tied the INHIBIT input to high to block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility

is excluded. It must then be the second. WHAT can suddenly load the bias line at the ver y moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
> The only possible answer seems to be a G1>G2 internal leak in the tube. Any comments gentlemen ? My brain is getting old and slow :-(
> Peter LA7SL
>
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> ---
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00
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>
> No virus found in this outgoing message.
> Checked by AVG - www.avg.com
> Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00
>
>
> [Non-text portions of this message have been removed]
>

3472. Re: Acom 2000 bias too low again !/ SOLVED !

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-22 09:13:19 UTC
From: mike
Topic: 3450 Message: 3472

Hallo Peter,

tnx for ur interisting hint, concerning "bis low"-message for the ACOM2000A.
Do you know, at what year the transistor Q1 was replaced with a higher voltage type ? Can the described failing of the transistors occur in newer production lots as consequence of g1-g2-leak ?
Is the main thing, you want to point out, that the g2-voltage increases to 430 Volt, if that error occurs and therefore the error can be easily located by measuring the g2-voltage with a usual volt meter ?
I think, it would be helpful to other ACOM2000A owners, if you put more details about this error to this web site. For instance answering the qestion weather someone can change the tubes without destroying the replacing new tubes without doing any further measuring when the message "bias low" occurs.

73 de

Michael (DJ5TH)

--- In acom-list@yahoogroups.com, "la7sl" <la7sl@...> wrote:
>
> Hi all !
> The problem was actually an internal leak between G1 and G2 in one of the tubes. This in turn pulled on the G1 bias causing it to go far too low. The tube fault altso caused transistors Q1 and Q2 on the HVSG board (G2 regulator) to fail into short circuit.(Q1 is replaced with a higher voltage type in later production) This brought the G2 bias from 12v to 430V in STBY ! As the amp measuring sequence at startup is G1-g2 etc the RCU showed the G1 bias pull and then the amp went power off. Stan at Acom Bulgaria has been extremely helpful and has given me a lot of good support. This is great service ! Thank you Stan !
> Merry Christmas to everybody !
>
> 73's de LA7SL Peter
>
> --- In acom-list@yahoogroups.com, " LA7SL-Nils P. Pedersen" <la7sl@> wrote:
> >
> > The line in my mail to group:
> > "...I have also
> > measured voltage drop through the resistor (R50)in series with Q9 (the dropping
> > transistor) to see if it passes any current. No current is passed here at any
> > time. ...."
> > SHOULD read : "No current change is measured here at any time"
> > In other words ; I can not see any change inn passed current when BIAS drops
> > after countdown. R50 passes a very small current during warmup, but I see no
> > sudden change.
> > Peter
> >
> > ----- Original Message -----

> > From: la7sl
> > To: acom-list@yahoogroups.com
> > Sent: Sunday, November 15, 2009 11:25 PM
> > Subject: [acom-list] Acom 2000 bias too low again !
> >
> >
> >
> > Hi !
> > Our old Acom 2000A is having problems. I get the famous bias too
> > low (-75V) message just as "countdown" is finished. It does not show any error message during countdown (warmup). I have measured the bias output from the inteface board, and it shows -124 volts during countdown and immediately goes to -75v at countdown finish. For those who know this circuit there are two possibilities : The circuit gets a false ENABLE from CPU and thinks it is in OPR with PTT closed, OR there is a false load coming on the BIAS line at the very moment countdown is through. I have excluded the false enable option by checking this input with a scope. I have also tied the INHIBIT input to high to block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility is excluded. It must then be the second. WHAT can suddenly load the bias line at the ver y moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
> > The only possible answer seems to be a G1>G2 internal leak in the tube. Any comments gentlemen ? My brain is getting old and slow :-(
> > Peter LA7SL
> >
> >
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> >
> >
> > ---
> >
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00
> >
> > ----------
> >
> >
> > No virus found in this outgoing message.
> > Checked by AVG - www.avg.com
> > Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

3473. Re: Acom 2000 bias too low again !/ SOLVED !

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-22 09:17:33 UTC
From: pa7two
Topic: 3450 Message: 3473

Hi Peter,

Good to hear the problems are resolved. Yes, we as amateur radio community are very happy with the e x c e l l e n t after service from Acom!

A bit weird to read that a faulty tube destroys the Q1 & Q2 transistors, that should not take place. Hopefully using the newer replacements, this phenomenon does not occur any more.

Perhaps you can mention the newer type replacement transistors here on the reflector, specify the brand and exact type.
If I had an older unit I would replace these transistors immediately before any damage could occur. Just like with the resistors in the bias circuit in my Acom 1000 unit!

Vy 73, de Kees

--- In acom-list@yahoogroups.com, "la7sl" <la7sl@...> wrote:
>
> Hi all !
> The problem was actually an internal leak between G1 and G2 in one of the tubes. This in turn pulled on the G1 bias causing it to go far too low. The tube fault altso caused transistors Q1 and Q2 on the HVSG board (G2 regulator) to fail into short circuit.(Q1 is replaced with a higher voltage type in later production) This brought the G2 bias from 12v to 430V in STBY ! As the amp measuring sequence at startup is G1-g2 etc the RCU showed the G1 bias pull and then the amp went power off. Stan at Acom Bulgaria has been extremely helpful and has given me a lot of good support. This is great service ! Thank you Stan !
> Merry Christmas to everybody !
>
> 73's de LA7SL Peter
>
> --- In acom-list@yahoogroups.com, " LA7SL-Nils P. Pedersen" <la7sl@> wrote:
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> > The line in my mail to group:
> > "...I have also
> > measured voltage drop through the resistor (R50)in series with Q9 (the dropping
> > transistor) to see if it passes any current. No current is passed here at any
> > time. ...."
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> > after countdown. R50 passes a very small current during warmup, but I see no
> > sudden change.
> > Peter
> >
> > ----- Original Message -----
> > From: la7sl
> > To: acom-list@yahoogroups.com

> > Sent: Sunday, November 15, 2009 11:25 PM
> > Subject: [acom-list] Acom 2000 bias too low again !
> >
> >
> >
> > Hi !
> > Our old Acom 2000A is having problems. I get the famous bias too
> > low (-75V) message just as "countdown" is finished. It does not show any error message during countdown (warmup). I have measured the bias output from the inteface board, and it shows -124 volts during countdown and immediately goes to -75v at countdown finish. For those who know this circuit there are two possibilities : The circuit gets a false ENABLE from CPU and thinks it is in OPR with PTT closed, OR there is a false load coming on the BIAS line at the very moment countdown is through. I have excluded the false enable option by checking this input with a scope. I have also tied the INHIBIT input to high to block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility is excluded. It must then be the second. WHAT can suddenly load the bias line at the ver y moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
> > The only possible answer seems to be a G1>G2 internal leak in the tube. Any comments gentlemen ? My brain is getting old and slow :-(
> > Peter LA7SL
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> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 9.0.707 / Virus Database: 270.14.67/2505 - Release Date: 11/15/09 20:50:00
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> > [Non-text portions of this message have been removed]
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3474. Re: Acom 2000 bias too low again !/ SOLVED !

Yahoo group: acom-list (1999 — 2009)
Date: 2009-12-24 12:10:42 UTC
From: la7sl
Topic: 3450 Message: 3474

Hi !
There has been some interest in the G1/G2 issue in my Acom 2000A
Right now I am too busy with Christmas preparations :-) but I will be back after Xmas with a better and more detailed explanation.
But a couple of answers now : I think several different transistors have been used for Q1 on HVSG in different production runs. I do not know what year the specs were upgraded. Check what type is used in your PA ! If it is a 500V mosfet it should be replaced by a 800V type.
Suitable types are (according to Stan) STP9NK80Z or STP10NK80Z 800V MOSFET or similar types. This is not very critical. If your Q2 goes open (it will if Q1 goes) almost any small npn general purpose will do the job. I used BC547C (reverse connections !)
Q1 is very easy to change: Remove top cover, locate Q1 boltet to the chassis (front) just above the HVSG-board. Unplug the connector and replace. The chassis is threaded so you do not have to worry about loosing a nut. (at least it was here) Take care to choose a type that matches the connector. No soldering necessary. Q2 is a bit more tricky... Remember this is a high voltage area !!!! Caps DO keep their charge for quite a while ! It is not possible to measure G2 volts to see if you have this fault. The amp measures G1 first on startup,- then G2. If G1 bias is wrong as a result of such a fault the amp will switch off before you have time to measure. In a case where you do not know if the fault is a G1>cathode leak or a G1>G2 leak,- try to unplug JP2 (310VAC) from HVSG board. Replace top cover using at least 3 screws (there are interlocks) and try to restart.
If you still get BIAS TOO LOW there is a chance you have G1>Cathode leak. If it faults with G2 too low or G2 on before countdown finished you probably have a G1> G2 leak. And last : There is no rule saying you will loose Q1/Q2 if you have such a leak. But this leak PLUS a mains voltage spike may cause it to happen. OR several restarts of the AMP AFTER A BIAS TOO LOW ERROR may do it. If your amp faults to power off there is almost certainly something serious going on. And in this case you should be careful with repeated restarts. I do not think Q1 and Q2 will blow in the newer units with 800V transistors for Q1.
This is the best I can do for the moment ! Back to Christmas preps here :-)
MERRY CHRISTMAS !
LA7SL Peter

--- In acom-list@yahoogroups.com, "pa7two" <pa7two@...> wrote:
>
> Hi Peter,
>
> Good to hear the problems are resolved. Yes, we as amateur radio community are very happy with the e x c e l l e n t after service from Acom!
>
> A bit weird to read that a faulty tube destroys the Q1 & Q2 transistors, that should not take place. Hopefully using the newer replacements, this phenomenon does not occur any more.
>
> Perhaps you can mention the newer type replacement transistors here on the reflector, specify the brand and exact type.

> If I had an older unit I would replace these transistors immediately before any damage could occur. Just like with the resistors in the bias circuit in my Acom 1000 unit!
>
> Vy 73, de Kees
>
>
> --- In acom-list@yahoogroups.com, "la7sl" <la7sl@> wrote:
> >
> > Hi all !
> > The problem was actually an internal leak between G1 and G2 in one of the tubes. This in turn pulled on the G1 bias causing it to go far too low. The tube fault altso caused transistors Q1 and Q2 on the HVSG board (G2 regulator) to fail into short circuit.(Q1 is replaced with a higher voltage type in later production) This brought the G2 bias from 12v to 430V in STBY ! As the amp measuring sequence at startup is G1-g2 etc the RCU showed the G1 bias pull and then the amp went power off. Stan at Acom Bulgaria has been extremely helpful and has given me a lot of good support. This is great service ! Thank you Stan !
> > Merry Christmas to everybody !
> >
> > 73's de LA7SL Peter
> >
> > --- In acom-list@yahoogroups.com, " LA7SL-Nils P. Pedersen" <la7sl@> wrote:
> > >
> > > The line in my mail to group:
> > > "...I have also
> > > measured voltage drop through the resistor (R50)in series with Q9 (the dropping
> > > transistor) to see if it passes any current. No current is passed here at any
> > > time. ...."
> > > SHOULD read : "No current change is measured here at any time"
> > > In other words ; I can not see any change inn passed current when BIAS drops
> > > after countdown. R50 passes a very small current during warmup, but I see no
> > > sudden change.
> > > Peter
> > >
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block any ENABLE pulse not visible on the scope. It still changes BIAS. I have also measured voltage drop through the resistor (R50)in series with Q9 (the dropping transistor) to see if it passes any current. No current is passed here at any time. So the first possibility is excluded. It must then be the second. WHAT can suddenly load the bias line at the ver y moment countdown is through ? You can exclude the bias measurement circuit on the tube deck, as nothing changes here in that very moment. The two bypass caps and the choke can be excluded, nothing changes there either. The only answer left is the tube(s). Now: what changes here in that very moment ? Answer : G2 comes on at + 10V (STBY level),-and plate voltage comes on. I have seen many explanations here about a grid>cathode leak ... This will most certainly NOT develop at this very moment as the heater is already up and running full temp.
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> > >
> > > [Non-text portions of this message have been removed]
> > >
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5867. Re: [acom-list] ACOM2000A - terrible noise during POWER ON cycl

Yahoo group: acom-list (1999 — 2009)
Date: 2002-01-05 11:07:44 UTC
From: John Peters
Topic: 5866 Message: 5867

Sounds like a bearing starting to fail in the blower. When it is up to speed it self centers and stops making noise. See if the shaft is loose.

73 John K1ER
----- Original Message -----
From: 'DL1AMQ' dl1amq@... [acom-list]
To: acom-list@yahoogroups.com
Sent: Sunday, May 11, 2014 9:40 AM
Subject: [acom-list] ACOM2000A - terrible noise during POWER ON cycl

As a lucky ACOM2000A owner I ran into trouble after more than 3000 hours of use.

After PA switch on there is a terrible and very loud noise during POWER ON cycle caused by internal blower (not the short sound by load/tune position motors). After few seconds up to 2 minutes the noise disappears and blower sounds like he did for years.
The strange noise sounds like defect gear mechanisms between motor axis and blower or blower wing scratches on blower housing or something else. There are no chips or any other failure indications visible.

Anyone else had this experience before ? Any hint what to do ?

Thanks in advance and 73 de Thomas, DL1AMQ

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
http://www.avast.com